



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**

**July 11, 2023  
8:00 a.m.**

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**1. CALL TO ORDER / ROLL CALL**

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**2. APPROVAL OF MINUTES**

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- a) Regular Board Minutes of June 13, 2023
  - b) Special Meeting Minutes of June 20, 2023
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**3. FINANCIAL REPORT**

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- a) Treasurer's Report (MM)
  - b) Accounts Payable (MM)
  - c) Revenue and Expenditures (MM)
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**4. OPERATIONS AND MAINTENANCE REPORT**

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- a) District Groundwater Levels (MN)
  - b) Operations (ZS)
  - c) Maintenance (ZS)
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**5. WATER RESOURCES REPORT**

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- a) State Water Project Operations (TT)
  - b) Update on Temporary Permit (DB)
  - c) California Delta Conveyance Project (TT)
  - d) Consideration of a Water Banking Agreement – Santa Clarita Valley Water Agency (TT)
  - e) Update on Landowner Banking Program (TT)
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**6. MANAGER'S REPORT**

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

- c) Staff Professional Recognition (DB)

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## 7. ENGINEER'S REPORT

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- a) Onyx Ranch Project
  - i. Operations (DB)
  - ii. Ratification of Purchase and Sale Agreement – Store and Cabin (DB)
  - iii. Consideration of Agreements Necessary to Sell Store and Cabin (DB)
  - iv. Streambed Alteration Permit Applications (RE)
  - v. Consideration of Well Equipping Proposal (MN)
- b) Improvement Projects (MN)
  - i. Consideration of Construction Proposal – Bowling Well Pad (MN)

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## 8. COMMITTEE/SPECIAL PROJECT ACTIVITIES

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- 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. Stakeholder Meeting Report (DB)
  - iii. GSP Deficiency Resolution (DB & TT)
  - iv. Consideration of Temporary Associate Membership Agreement with KGA (DR)
- 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)

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## 9. ATTORNEY'S REPORT

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## 10. OLD OR NEW BUSINESS

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## 11. CORRESPONDENCE

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## 12. PUBLIC COMMENT

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## 13. CLOSED SESSION

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- 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

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## 14. ADJOURNMENT

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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](http://www.rrbwsd.com)) on or before June 9, 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](mailto:mmisuraca@rrbwsd.com). Please attempt to make such requests known at least 24 hours before the scheduled meeting.***

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

	<u>Credit</u>	<u>Debit</u>	<u>Balance</u>
<b>10006 · Tri-Counties Bank-Operations</b>			1,448,498.23
Total 10006 · Tri-Counties Bank-Operations	4,337,605.33	4,370,590.93	<b>1,415,512.63</b>
<b>10007 · Tri-Counties Bank-Payroll</b>			184,300.87
Total 10007 · Tri-Counties Bank-Payroll	160,076.25	190,378.28	<b>153,998.84</b>
<b>10100 · General County Fund # 60510</b>			5,627,555.29
Total 10100 · General County Fund # 60510	2,768,928.68	4,000,000.00	<b>4,396,483.97</b>
<b>10101 · Operations County Fund # 60520</b>			48,364.35
Total 10101 · Operations County Fund # 60520			<b>48,364.35</b>
<b>10102 · Bond Debt County Fund # 60526</b>			5,133.98
Total 10102 · Bond Debt County Fund # 60526			<b>5,133.98</b>
<b>10103 · Bond Reserve County Fund #60527</b>			938.76
Total 10103 · Bond Reserve County Fund #60527			<b>938.76</b>
<b>10503 · 2018 COP Reserve Fund Account **Balance as of 5/31/2023</b>			1,066,223.10
Total 10503 · 2018 COP Reserve Fund Account			<b>1,066,223.10</b>
<b>10504 · 2020 COP W.F. Trust Funds M.M.</b>			2,061.64
Total 10504 · 2020 COP W.F. Trust Funds M.M.	723,297.05	0.00	<b>725,358.69</b>
<b>10551 · Goldman Sachs Money Market **Balance as of 5/31/2023</b>			8,554,232.68
Total 10551 · Goldman Sachs Money Market			<b>8,554,232.68</b>
<b>TOTAL CASH</b>	<b>7,989,907.31</b>	<b>8,560,969.21</b>	<b>16,366,247.00</b>
<b>10550 · Investment AMG - Wells Fargo</b>			12,042,583.70
Total 10550 · Investment AMG - Wells Fargo	53,473.93	0.00	<b>12,096,057.63</b>
<b>**Toyota Commercial Paper - Mature 11-7-2023</b>			
<b>TOTAL CASH EQUIVALENT</b>	<b>53,473.93</b>	<b>0.00</b>	<b>12,096,057.63</b>
<b>TOTAL CASH AND CASH EQUIVALENT</b>	<b>8,043,381.24</b>	<b>8,560,969.21</b>	<b>28,462,304.63</b>

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Check		06/30/2023	Tri Counties Bank	10006 · Tri-Counties Bank-Operations	
				60100 · Bank Service Charges	-177.36
TOTAL					-177.36
Bill Pmt -Check	ACH	06/22/2023	Purchase Power	10006 · Tri-Counties Bank-Operations	
Bill	8107 May 23	06/12/2023		62009 · Postage and Delivery	-50.00
TOTAL					-50.00
Bill Pmt -Check	WIRE	06/28/2023	Computershare	10006 · Tri-Counties Bank-Operations	
Bill	RRACOPJun2023	06/30/2023		10504 · 2020 COP W.F. Trust Funds M.M.	-403,413.36
Bill	RRBCOPJun2023	06/30/2023		10504 · 2020 COP W.F. Trust Funds M.M.	-319,875.46
TOTAL					-723,288.82
Bill Pmt -Check	WIRE	06/29/2023	Kern County Water Agency	10006 · Tri-Counties Bank-Operations	
Bill	40177	06/01/2023		61000 · KCWA SWP Expense	-1,098,804.00
Bill	40202	06/01/2023		61000 · KCWA SWP Expense	-152,483.00
Bill	40231	06/01/2023		61000 · KCWA SWP Expense	-111,586.00
Bill	40243	06/01/2023		61401 · Delta Conveyance Project Expens	-303,088.00
Bill	40079	06/01/2023		61050 · Other Water Purch Expense	-5,980.00
				61050 · Other Water Purch Expense	-1,914.00
Bill	39974	06/01/2023		61400 · Third Party Project Operations	-12,728.48
				61400 · Third Party Project Operations	-3,525.33
				61400 · Third Party Project Operations	-18,445.64
				61400 · Third Party Project Operations	-35,844.55
TOTAL					-1,744,399.00
Bill Pmt -Check	2476	06/22/2023	ACWA JPIA (W/C,Auto,GL,Prop)	10006 · Tri-Counties Bank-Operations	
Bill	2023-06-09	06/09/2023		41000 · Other Income	-85.00
TOTAL					-85.00
Bill Pmt -Check	2477	06/22/2023	Advanced Data Storage, Inc.	10006 · Tri-Counties Bank-Operations	
Bill	0166589	06/10/2023		62000 · General Office Expense	-41.40
TOTAL					-41.40
Bill Pmt -Check	2478	06/22/2023	BHK Accountancy Corporation	10006 · Tri-Counties Bank-Operations	
Bill	B03059	06/01/2023		63002 · Audit and Accounting Services	-8,800.00
TOTAL					-8,800.00
Bill Pmt -Check	2479	06/22/2023	BUENA VISTA W.S.D.	10006 · Tri-Counties Bank-Operations	
Bill	7021-1	06/01/2023		64000 · Water Transaction Fees	-254.40
Bill	7021-2	06/01/2023		64000 · Water Transaction Fees	-2,408.10
TOTAL					-2,662.50
Bill Pmt -Check	2480	06/22/2023	Builders Mart	10006 · Tri-Counties Bank-Operations	
Bill	4612 May 23	06/01/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-239.63
TOTAL					-239.63
Bill Pmt -Check	2481	06/22/2023	Christensen, Inc.	10006 · Tri-Counties Bank-Operations	
Bill	258034CT	06/15/2023	RRBWSD:Onyx Ranch	61800 · Fuel	-567.91
				61800 · Fuel	-3,033.35
TOTAL					-3,601.26
Bill Pmt -Check	2482	06/22/2023	Comptel Services	10006 · Tri-Counties Bank-Operations	
Bill	12324	06/01/2023		66011 · Technology Fees & Subscriptions	-939.00
TOTAL					-939.00
Bill Pmt -Check	2483	06/22/2023	Dan's Pest Management	10006 · Tri-Counties Bank-Operations	
Bill	0049236	06/09/2023		65100 · Building Maintenance	-100.00
TOTAL					-100.00

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	2484	06/22/2023	David Janes Company	10006 · Tri-Counties Bank-Operations	
Bill	0415148-IN	06/08/2023		61650 · Operating Supplies	-122.53
TOTAL					-122.53
Bill Pmt -Check	2485	06/22/2023	Esparza Enterprises, Inc	10006 · Tri-Counties Bank-Operations	
Bill	114216	06/14/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-1,999.67
Bill	114421	06/21/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-2,186.27
TOTAL					-4,185.94
Bill Pmt -Check	2486	06/22/2023	Hafenfeld Ranch, LLC	10006 · Tri-Counties Bank-Operations	
Bill	006	06/12/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-1,753.21
TOTAL					-1,753.21
Bill Pmt -Check	2487	06/22/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	128545	06/07/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-2,421.14
Bill	128546	06/07/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,448.83
Bill	128804	06/09/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-709.05
Bill	128805	06/09/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,349.78
Bill	128835	06/10/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-520.40
Bill	128945	06/12/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-539.92
Bill	128701	06/12/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-29.23
Bill	128699	06/12/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-29.23
Bill	128944	06/12/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,252.20
Bill	129078	06/14/2023	Groundwater Banking, JPA:GBJPA Pilot Project	61800 · Fuel	-433.37
Bill	129079	06/14/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,370.27
TOTAL					-10,103.42
Bill Pmt -Check	2488	06/22/2023	Krazan & Associates, Inc	10006 · Tri-Counties Bank-Operations	
Bill	INV B627683-30632	06/01/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	63004 · Engineering Services	-1,500.00
TOTAL					-1,500.00
Bill Pmt -Check	2489	06/22/2023	L&M Lumber	10006 · Tri-Counties Bank-Operations	
Bill	362873	06/06/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-277.72
TOTAL					-277.72
Bill Pmt -Check	2490	06/22/2023	Laurel Ag & Water	10006 · Tri-Counties Bank-Operations	
Bill	INVLAWS-037376	06/01/2023	Grimmway Farms-Customer	61650 · Operating Supplies	-158.19
TOTAL					-158.19
Bill Pmt -Check	2491	06/22/2023	Mission Uniform Service	10006 · Tri-Counties Bank-Operations	
Bill	519497539	06/16/2023		63500 · Janitorial Expense	-92.51
TOTAL					-92.51
Bill Pmt -Check	2492	06/22/2023	Office1	10006 · Tri-Counties Bank-Operations	
Bill	AR969856	06/05/2023		62001 · Printing & Reproduction	-159.20
TOTAL					-159.20
Bill Pmt -Check	2493	06/22/2023	PG&E (3387844223-6)	10006 · Tri-Counties Bank-Operations	
Bill	3387844223-6	06/14/2023	Groundwater Banking, JPA:West Enos Recharge	61300 · SW Pumping Expense	-1,937.99
TOTAL					-1,937.99
Bill Pmt -Check	2494	06/22/2023	Poly Riser and Pipe, LLC	10006 · Tri-Counties Bank-Operations	
Bill	16823	06/01/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	65101 · Water Structure Maintenance	-17,865.92
TOTAL					-17,865.92
Bill Pmt -Check	2495	06/22/2023	Rankin Electric, Inc.	10006 · Tri-Counties Bank-Operations	
Bill	95915	06/13/2023		65100 · Building Maintenance	-1,085.00
TOTAL					-1,085.00

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	2496	06/22/2023	Southern California Edison (700122257127)	10006 · Tri-Counties Bank-Operations	
Bill	700722257127 Jun 23	06/01/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-17.88
			RRBWSD:Onyx Ranch	66000 · Utilities	-31.16
			RRBWSD:Onyx Ranch	66000 · Utilities	-17.88
			RRBWSD:Onyx Ranch	66000 · Utilities	-7,598.29
			RRBWSD:Onyx Ranch	66000 · Utilities	-29.87
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-97.06
			RRBWSD:Onyx Ranch	66000 · Utilities	-84.57
			RRBWSD:Onyx Ranch	66000 · Utilities	-14.98
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-70.91
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-70.91
			RRBWSD:Onyx Ranch	61301 · GW Well Pumping Expense	-72.52
TOTAL					-8,106.03
Bill Pmt -Check	2497	06/22/2023	Sterling Enterprises	10006 · Tri-Counties Bank-Operations	
Bill	6-12-23 Kern River	06/12/2023		63007 · Other Contracted Services	-2,828.08
TOTAL					-2,828.08
Bill Pmt -Check	2498	06/22/2023	Tyack's Tire Inc	10006 · Tri-Counties Bank-Operations	
Bill	224872	06/14/2023	RRBWSD:Onyx Ranch	65001 · Equip. Maint. & Repair	-1,944.52
TOTAL					-1,944.52
Bill Pmt -Check	2499	06/22/2023	Verizon Wireless	10006 · Tri-Counties Bank-Operations	
Bill	9936587573	06/15/2023		66001 · Phone / Internet Expense	-8.02
TOTAL					-8.02
Bill Pmt -Check	2500	06/22/2023	Wagner & Bonsignore CCE	10006 · Tri-Counties Bank-Operations	
Bill	06-23-321	06/01/2023		63004 · Engineering Services	-1,356.00
TOTAL					-1,356.00
Bill Pmt -Check	2501	06/22/2023	Benjamin P. Ruiz	10006 · Tri-Counties Bank-Operations	
Bill	Apr 2023 N. Strand	06/01/2023	RRBWSD-IRWD:Strand Ranch	63005 · Environmental Consultants	-900.00
TOTAL					-900.00
<b>Total AP to be ratified</b>					<b>-2,538,768.25</b>
Bill Pmt -Check	2502	07/07/2023	Abate-A-Weed	10006 · Tri-Counties Bank-Operations	
Bill	1010623	06/06/2023		61650 · Operating Supplies	-80.18
TOTAL					-80.18
Bill Pmt -Check	2503	07/07/2023	ACE HARDWARE	10006 · Tri-Counties Bank-Operations	
Bill	63003	06/12/2023		61650 · Operating Supplies	-8.61
TOTAL					-8.61
Bill Pmt -Check	2504	07/07/2023	ACWA - JPIA (BENEFITS)	10006 · Tri-Counties Bank-Operations	
Bill	0699937	07/03/2023		20035 · Benefit Liabilities	-15,341.02
TOTAL					-15,341.02
Bill Pmt -Check	2505	07/07/2023	AE-COM Engineering Inc	10006 · Tri-Counties Bank-Operations	
Bill	2000775769	07/06/2023	RRBWSD:SGMA	63004 · Engineering Services	-4,797.17
Bill	2000776015	07/07/2023		63004 · Engineering Services	-426.42
TOTAL					-5,223.59
Bill Pmt -Check	2506	07/07/2023	Aterran LLC	10006 · Tri-Counties Bank-Operations	
Bill	INV-0027845	07/01/2023		60001 · Payroll Expense	-99.99
TOTAL					-99.99
Bill Pmt -Check	2507	07/07/2023	Barnes Welding Supply	10006 · Tri-Counties Bank-Operations	
Bill	63207005	06/27/2023	RRBWSD:Onyx Ranch	61650 · Operating Supplies	-105.45

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	91622564	06/30/2023		61500 · Equipment Rental Expense	-41.64
Bill	63212109	07/06/2023		61650 · Operating Supplies	-83.54
TOTAL					-230.63
<b>Bill Pmt -Check</b>	<b>2508</b>	<b>07/07/2023</b>	<b>Barry Watts</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	June 2023	06/20/2023		62007 · Directors' Fees	-201.31
TOTAL					-201.31
<b>Bill Pmt -Check</b>	<b>2509</b>	<b>07/07/2023</b>	<b>Bear Ag LLC</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	42316	06/23/2023		61650 · Operating Supplies	-192.81
TOTAL					-192.81
<b>Bill Pmt -Check</b>	<b>2510</b>	<b>07/07/2023</b>	<b>Belden Blaine Raytis, LLP</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	20616	07/05/2023	RRBWSD:CVC Litigation	63000 · Legal Services	-1,030.75
Bill	20617	07/05/2023	RRBWSD:Onyx Ranch	63000 · Legal Services	-5,070.32
Bill	20615	07/05/2023	RRBWSD:SGMA	63000 · Legal Services	-6,270.00
			RRBWSD:Onyx Ranch	63000 · Legal Services	-855.00
				63000 · Legal Services	-17,171.25
TOTAL					-30,397.32
<b>Bill Pmt -Check</b>	<b>2511</b>	<b>07/07/2023</b>	<b>Berchtold Equipment Company</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	W08423	07/07/2023		65001 · Equip. Maint. & Repair	-1,786.22
TOTAL					-1,786.22
<b>Bill Pmt -Check</b>	<b>2512</b>	<b>07/07/2023</b>	<b>Bland Solar &amp; Air</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	24658466	06/01/2023		65100 · Building Maintenance	-232.00
TOTAL					-232.00
<b>Bill Pmt -Check</b>	<b>2513</b>	<b>07/07/2023</b>	<b>CA Dept of Fish &amp; Wildlife Central Region</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	40539-BooneNicollMac	06/29/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-8,418.75
Bill	41511-LandersNicollH	06/29/2023	RRBWSD:Onyx Ranch	60200 · Licenses, Permits and Fees	-8,418.75
TOTAL					-16,837.50
<b>Bill Pmt -Check</b>	<b>2514</b>	<b>07/07/2023</b>	<b>Carquest</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	7430-532886	06/15/2023	RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-25.44
Bill	7430-533107	06/20/2023	RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-288.03
TOTAL					-313.47
<b>Bill Pmt -Check</b>	<b>2515</b>	<b>07/07/2023</b>	<b>Carroll's Tire Warehouse</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	89779	06/16/2023		65000 · Auto and Truck Maint. & Repair	-367.82
Bill	90017	06/30/2023		65000 · Auto and Truck Maint. & Repair	-494.57
Bill	90016	06/30/2023		65000 · Auto and Truck Maint. & Repair	-98.72
TOTAL					-961.11
<b>Bill Pmt -Check</b>	<b>2516</b>	<b>07/07/2023</b>	<b>Christensen, Inc.</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	259933CT	06/30/2023	RRBWSD:Onyx Ranch	61800 · Fuel	-831.24
				61800 · Fuel	-3,598.06
TOTAL					-4,429.30
<b>Bill Pmt -Check</b>	<b>2517</b>	<b>07/07/2023</b>	<b>CITY OF BAKERSFIELD</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	WA010 06/15/23	06/15/2023		61001 · City of Bak. Basic Contract Exp	-284,300.00
TOTAL					-284,300.00
<b>Bill Pmt -Check</b>	<b>2518</b>	<b>07/07/2023</b>	<b>Comptel Services</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	22324	06/28/2023		66011 · Technology Fees & Subscriptions	-94.00
TOTAL					-94.00
<b>Bill Pmt -Check</b>	<b>2519</b>	<b>07/07/2023</b>	<b>CPI</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	02-62252	07/07/2023		60005 · Benefits Health,Dent.Life.Vis.D	-90.00
TOTAL					-90.00



**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill Pmt -Check	2520	07/07/2023	Environmental Science Associates	10006 · Tri-Counties Bank-Operations	
Bill	185885	06/22/2023	RRBWSD:SGMA	66011 · Technology Fees & Subscriptions	-694.25
TOTAL					-694.25
Bill Pmt -Check	2521	07/07/2023	Esparza Enterprises, Inc	10006 · Tri-Counties Bank-Operations	
Bill	114621	06/28/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-4,153.62
Bill	114865	07/05/2023	RRBWSD:Onyx Ranch	63007 · Other Contracted Services	-4,433.50
TOTAL					-8,587.12
Bill Pmt -Check	2522	07/07/2023	Gary Unruh	10006 · Tri-Counties Bank-Operations	
Bill	June 2023	06/28/2023		62007 · Directors' Fees	-1,040.09
TOTAL					-1,040.09
Bill Pmt -Check	2523	07/07/2023	GCI Equipment Rental	10006 · Tri-Counties Bank-Operations	
Bill	135757-2	06/20/2023		61500 · Equipment Rental Expense	-214.34
Bill	136353-1	06/28/2023	Groundwater Banking, JPA:West Enos Recharge	61500 · Equipment Rental Expense	-111.68
TOTAL					-326.02
Bill Pmt -Check	2524	07/07/2023	J. Collins Enterprises Inc.	10006 · Tri-Counties Bank-Operations	
Bill	RIO230	07/05/2023		63004 · Engineering Services	-1,500.00
TOTAL					-1,500.00
Bill Pmt -Check	2525	07/07/2023	Jason Selvidge	10006 · Tri-Counties Bank-Operations	
Bill	June 2023	06/28/2023		62007 · Directors' Fees	-384.36
TOTAL					-384.36
Bill Pmt -Check	2526	07/07/2023	Jeffries Bros., Inc.	10006 · Tri-Counties Bank-Operations	
Bill	129255	06/16/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-348.61
Bill	129254	06/16/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,254.33
Bill	129280	06/19/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,794.16
Bill	129281	06/19/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,083.84
Bill	129407	06/21/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-901.99
Bill	129408	06/21/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,095.48
Bill	129285	06/21/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-116.91
Bill	129615	06/23/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,190.24
Bill	129614	06/23/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,016.81
Bill	129665	06/26/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,999.94
Bill	129664	06/26/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-1,013.63
Bill	129745	06/28/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-516.96
Bill	129744	06/28/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,371.79
Bill	130156	06/30/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-235.42
Bill	130157	06/30/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,405.65
Bill	130806	07/02/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,398.82
Bill	130867	07/05/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	61800 · Fuel	-1,073.82
Bill	130866	07/05/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-610.28
Bill	130786	07/06/2023	Groundwater Banking, JPA:West Enos Recharge	61800 · Fuel	-58.46
TOTAL					-18,487.14
Bill Pmt -Check	2527	07/07/2023	Kern County Public Health Services Dept	10006 · Tri-Counties Bank-Operations	
Bill	IN0481441	07/31/2023	RRBWSD:Onyx Ranch	65201 · Well Maintenance Expense	-320.00
TOTAL					-320.00
Bill Pmt -Check	2528	07/07/2023	Kern County Water Agency	10006 · Tri-Counties Bank-Operations	
Bill	39974	06/01/2023		61400 · Third Party Project Operations	-12,941.74
				61400 · Third Party Project Operations	-3,584.40
				61400 · Third Party Project Operations	-18,754.71
				61400 · Third Party Project Operations	-36,445.15
Bill	40419	06/26/2023		64000 · Water Transaction Fees	-6,419.00
TOTAL					-78,145.00
Bill Pmt -Check	2529	07/07/2023	Krazan & Associates, Inc	10006 · Tri-Counties Bank-Operations	

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
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Type	Num	Date	Name	Account	Paid Amount
Bill	INV A201687-30632	06/01/2023		63004 · Engineering Services	-18,800.00
TOTAL					-18,800.00
Bill Pmt -Check	2530	07/07/2023	Martinez Gardening Service	10006 · Tri-Counties Bank-Operations	
Bill	484333	06/21/2023		65100 · Building Maintenance	-200.00
TOTAL					-200.00
Bill Pmt -Check	2531	07/07/2023	Mission Uniform Service	10006 · Tri-Counties Bank-Operations	
Bill	519584484	06/30/2023		63500 · Janitorial Expense	-92.51
TOTAL					-92.51
Bill Pmt -Check	2532	07/07/2023	Mitch Millwee	10006 · Tri-Counties Bank-Operations	
Bill	June 2023	06/20/2023		62007 · Directors' Fees	-207.86
TOTAL					-207.86
Bill Pmt -Check	2533	07/07/2023	Peachy Clean	10006 · Tri-Counties Bank-Operations	
Bill	May 23	07/01/2023		63500 · Janitorial Expense	-400.00
Bill	June 23	07/01/2023		63500 · Janitorial Expense	-400.00
TOTAL					-800.00
Bill Pmt -Check	2534	07/07/2023	PG&E (0439653883-9)	10006 · Tri-Counties Bank-Operations	
Bill	0439653883-9 Jul 23	07/03/2023	RRBWSD-IRWD:Strand Ranch	61300 · SW Pumping Expense	-314.76
TOTAL					-314.76
Bill Pmt -Check	2535	07/07/2023	PG&E (1091941045-5)	10006 · Tri-Counties Bank-Operations	
Bill	1091941045-5 Jul 23	07/03/2023		61300 · SW Pumping Expense	-18,817.00
TOTAL					-18,817.00
Bill Pmt -Check	2536	07/07/2023	PG&E (1338232537-4)	10006 · Tri-Counties Bank-Operations	
Bill	1338232537-4 Jul 23	07/03/2023	RRBWSD-IRWD:SUP Wells	61301 · GW Well Pumping Expense	-1,716.07
TOTAL					-1,716.07
Bill Pmt -Check	2537	07/07/2023	PG&E (3923107207-3)	10006 · Tri-Counties Bank-Operations	
Bill	3923107207-3 Jul 23	07/03/2023	RRBWSD-IRWD:Strand Ranch	61301 · GW Well Pumping Expense	-1,544.46
TOTAL					-1,544.46
Bill Pmt -Check	2538	07/07/2023	PG&E (5592643715-7)	10006 · Tri-Counties Bank-Operations	
Bill	55592643715-7 Jul 23	07/03/2023	RRBWSD:WB Wells	61301 · GW Well Pumping Expense	-133.32
TOTAL					-133.32
Bill Pmt -Check	2539	07/07/2023	PG&E (5919499601-9)	10006 · Tri-Counties Bank-Operations	
Bill	5919499601-9 Jul 23	07/03/2023	RRBWSD:Enns Wells	61301 · GW Well Pumping Expense	-204.54
TOTAL					-204.54
Bill Pmt -Check	2540	07/07/2023	PG&E (7649745985-9)	10006 · Tri-Counties Bank-Operations	
Bill	7649745985-9 Jul 23	07/05/2023		66000 · Utilities	-10.19
TOTAL					-10.19
Bill Pmt -Check	2541	07/07/2023	PG&E (8190181094-5)	10006 · Tri-Counties Bank-Operations	
Bill	8190181094-5 Jul 23	07/03/2023		61301 · GW Well Pumping Expense	-144.22
TOTAL					-144.22
Bill Pmt -Check	2542	07/07/2023	PG&E Misc. Fees	10006 · Tri-Counties Bank-Operations	
Bill	0008209317-0	06/30/2023	RRBWSD:McCaslin/Bowling Recovery	70101 · Capital Well Expenses	-2,000.00
Bill	0008209312-1	06/30/2023	RRBWSD:McCaslin/Bowling Recovery	70101 · Capital Well Expenses	-2,000.00
Bill	0008209313-9	06/30/2023	RRBWSD:McCaslin/Bowling Recovery	70101 · Capital Well Expenses	-2,000.00
TOTAL					-6,000.00
Bill Pmt -Check	2543	07/07/2023	Pumpmaster Portable Pumps, Inc.	10006 · Tri-Counties Bank-Operations	

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
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Type	Num	Date	Name	Account	Paid Amount
Bill	12235	06/23/2023	Grimmway Farms-Customer:Grimmway Pilot Proje 65001	Equip. Maint. & Repair	-255.81
Bill	12236	06/23/2023	Grimmway Farms-Customer:Grimmway Pilot Proje 65001	Equip. Maint. & Repair	-132.59
TOTAL					-388.40
<b>Bill Pmt -Check</b>	<b>2544</b>	<b>07/07/2023</b>	<b>R &amp; G FARMS</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	614	07/05/2023	Grimmway Farms-Customer:Grimmway Pilot Proje 65001	Equip. Maint. & Repair	-6,439.74
TOTAL					-6,439.74
<b>Bill Pmt -Check</b>	<b>2545</b>	<b>07/07/2023</b>	<b>Roy Pierucci</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	June 2023	06/27/2023		62007 · Directors' Fees	-741.92
TOTAL					-741.92
<b>Bill Pmt -Check</b>	<b>2546</b>	<b>07/07/2023</b>	<b>Southern California Edison (700102049704)</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	700102049704 June 23	06/28/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-247.55
TOTAL					-247.55
<b>Bill Pmt -Check</b>	<b>2547</b>	<b>07/07/2023</b>	<b>Southern California Edison (700511405161)</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	700511405161 Jun 23	06/23/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-41.21
TOTAL					-41.21
<b>Bill Pmt -Check</b>	<b>2548</b>	<b>07/07/2023</b>	<b>Spaletta Law</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	12168	06/27/2023	RRBWSD:Onyx Ranch	63000 · Legal Services	-750.00
Bill	12169	06/27/2023	RRBWSD:Onyx Ranch	63000 · Legal Services	-2,175.00
TOTAL					-2,925.00
<b>Bill Pmt -Check</b>	<b>2549</b>	<b>07/07/2023</b>	<b>Spectrum Business</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	1355119070123	07/01/2023		66001 · Phone / Internet Expense	-149.98
TOTAL					-149.98
<b>Bill Pmt -Check</b>	<b>2550</b>	<b>07/07/2023</b>	<b>Standard Insurance</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	006492990038 Jun 23	06/01/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-62.19
Bill	006492990038 May 23	06/01/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-645.25
Bill	006492990038 Jul 23	07/01/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-62.19
Bill	006492990038 Jun 23	06/01/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-645.25
Bill	006492990038 Jul 23	07/01/2023	RRBWSD:Onyx Ranch	20035 · Benefit Liabilities	-62.19
TOTAL					-2,122.32
<b>Bill Pmt -Check</b>	<b>2551</b>	<b>07/07/2023</b>	<b>SUPERIOR SANITATION</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	37100372	07/01/2023		66000 · Utilities	-231.63
TOTAL					-231.63
<b>Bill Pmt -Check</b>	<b>2552</b>	<b>07/07/2023</b>	<b>TARGET SPECIALTY PRODUCTS</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	INVP501184288	06/20/2023		65500 · Weed Contol/Chemicals	-13,270.26
Bill	INVP501184950	06/20/2023		65500 · Weed Contol/Chemicals	-1,601.02
TOTAL					-14,871.28
<b>Bill Pmt -Check</b>	<b>2553</b>	<b>07/07/2023</b>	<b>Thomas Harder &amp; Co., Inc.</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	22-054-133.4	06/02/2023	JOC	63006 · Hydrogeology Consultants	-13,515.00
Bill	23-054-136.1	07/07/2023	RRBWSD:McCaslin/Bowling Recovery	63006 · Hydrogeology Consultants	-885.00
Bill	23-054-133.5	07/07/2023	JOC	63006 · Hydrogeology Consultants	-8,261.25
General Journal	YE23-007R	07/10/2023	Thomas Harder & Co., Inc.	20000 · Accounts Payable	0.00
TOTAL					-22,661.25
<b>Bill Pmt -Check</b>	<b>2554</b>	<b>07/07/2023</b>	<b>Thomas Refuse Service, Inc</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	37105075	07/01/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-81.03
Bill	37104813	07/01/2023	RRBWSD:Onyx Ranch	66000 · Utilities	-236.67
TOTAL					-317.70
<b>Bill Pmt -Check</b>	<b>2555</b>	<b>07/07/2023</b>	<b>Tri Counties Bank</b>	<b>10006 · Tri-Counties Bank-Operations</b>	

**Rosedale- Rio Bravo WSD**  
**Accounts Payable Report**  
June 10 through July 7, 2023

Type	Num	Date	Name	Account	Paid Amount
Bill	3913 Jun 2023	06/30/2023		62000 · General Office Expense	-42.03
				62000 · General Office Expense	-212.33
				62000 · General Office Expense	-533.95
				62000 · General Office Expense	-28.14
				62000 · General Office Expense	-23.16
				62000 · General Office Expense	-53.90
				62000 · General Office Expense	-98.46
				60200 · Licenses, Permits and Fees	-609.58
				62000 · General Office Expense	-53.57
				62000 · General Office Expense	-18.31
			Grimmway Farms-Customer:Grimmway Pilot Proje	61650 · Operating Supplies	-256.25
				62000 · General Office Expense	-46.11
				61650 · Operating Supplies	-88.53
			Groundwater Banking, JPA:West Enos Recharge	61650 · Operating Supplies	-33.36
			RRBWSD:Onyx Ranch	65000 · Auto and Truck Maint. & Repair	-495.71
			RRBWSD:Onyx Ranch	61650 · Operating Supplies	-706.89
				65000 · Auto and Truck Maint. & Repair	-58.21
			RRBWSD:Onyx Ranch	61650 · Operating Supplies	-196.85
			RRBWSD:Onyx Ranch	61650 · Operating Supplies	-118.02
			RRBWSD:Onyx Ranch	61650 · Operating Supplies	-63.19
				62000 · General Office Expense	-116.34
				62000 · General Office Expense	-14.94
				61650 · Operating Supplies	-7.47
				65000 · Auto and Truck Maint. & Repair	-25.89
				67000 · Travel Expense	-142.36
				66011 · Technology Fees & Subscriptions	-182.59
				66011 · Technology Fees & Subscriptions	-87.17
				60200 · Licenses, Permits and Fees	-179.31
				61650 · Operating Supplies	-50.60
				65000 · Auto and Truck Maint. & Repair	-7.00
				61650 · Operating Supplies	-170.86
				61650 · Operating Supplies	-78.64
				66001 · Phone / Internet Expense	-2.98
TOTAL					-4,802.70
<b>Bill Pmt -Check</b>	<b>2556</b>	<b>07/07/2023</b>	<b>United Rentals</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	217254539-005	06/24/2023		61500 · Equipment Rental Expense	-2,956.31
Bill	220648729-002	06/27/2023	RRBWSD:Onyx Ranch	61500 · Equipment Rental Expense	-1,536.07
TOTAL					-4,492.38
<b>Bill Pmt -Check</b>	<b>2557</b>	<b>07/07/2023</b>	<b>Zeiders Consulting</b>	<b>10006 · Tri-Counties Bank-Operations</b>	
Bill	Grimmway Mar-May-23	07/06/2023	Grimmway Farms-Customer:Grimmway Pilot Proje	63004 · Engineering Services	-6,475.50
Bill	McCaslin-Dec-Jun-23	07/06/2023	RRBWSD:McCaslin/Bowling Recovery	63004 · Engineering Services	-56,917.50
TOTAL					-63,393.00
<b>Total AP Current</b>					<b>-643,114.03</b>
<b>Total AP Current + Ratified</b>					<b>-3,181,882.28</b>

**Rosedale- Rio Bravo WSD**  
**Revenue and Expenditures**  
January through June 2023

	TOTAL			
	Jun 23	Jan - Jun 23	2023 Budget	% of Budget
<b>Ordinary Income/Expense</b>				
<b>Income</b>				
40000 · Assesment Income	27,069.21	5,807,810.86	5,809,040.00	99.98%
40010 · Prior Year Assesment Income	884.97	167,970.00	18,000.00	933.17%
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	10,535.56	175,000.00	6.02%
40508 · Groundwater Banking Income	2,740,974.50	5,481,949.00	5,481,949.00	100.0%
40509 · Lease Income	1,210.00	30,566.00	70,000.00	43.67%
40510 · Groundwater Recovery Reimb.	739,290.56	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	61,487.74	558,145.11	300,000.00	186.05%
41000 · Other Income	0.00	1,149.22	5,000.00	22.98%
41001 · Refunds and Credits	0.00	2,522.00	150,000.00	1.68%
41010 · Grant Income	0.00	1,649.93	1,600,000.00	0.1%
41050 · Resource Management Income	-1,047.07	50,248.45	100,000.00	50.25%
<b>Total Income</b>	<b>3,569,869.91</b>	<b>12,852,116.84</b>	<b>23,358,989.00</b>	<b>55.02%</b>
<b>Gross Profit</b>	<b>3,569,869.91</b>	<b>12,852,116.84</b>	<b>23,358,989.00</b>	<b>55.02%</b>
<b>Expense</b>				
60000 · Wages and Salaries Expense	176,232.18	725,601.54	1,484,000.00	48.9%
60001 · Payroll Expense	3,693.70	14,797.36	33,000.00	44.84%
60005 · Benefits Health,Dent.Life.Vis.D	17,122.23	74,289.33	180,000.00	41.27%
60006 · Benefits- CalPers Retirement	15,534.18	109,732.66	210,000.00	52.25%
60007 · Workers Compensation Insurance	3,667.95	14,397.02	33,000.00	43.63%
60100 · Bank Service Charges	177.36	1,019.34	4,000.00	25.48%
60110 · Assesment Expense	0.00	0.00	125,000.00	0.0%
60200 · Licenses, Permits and Fees	17,629.41	43,577.74	10,000.00	435.78%
61000 · KCWA SWP Expense	1,581,714.00	4,171,924.00	3,477,791.00	119.96%
61001 · City of Bak. Basic Contract Exp	284,300.00	596,014.62	585,000.00	101.88%
61050 · Other Water Purch Expense	7,894.00	488,295.00	250,000.00	195.32%
61300 · SW Pumping Expense	17,975.95	69,049.64	200,000.00	34.53%
61301 · GW Well Pumping Expense	3,200.10	828,547.81	8,000,000.00	10.36%
61350 · Groundwater Mitigation Expense	3,891.00	3,891.00	50,000.00	7.78%
61400 · Third Party Project Operations	35,370.01	671,898.14	1,144,000.00	58.73%
61401 · Delta Conveyance Project Expens	303,088.00	757,720.00	757,720.00	100.0%
61450 · Regulatory Program Compliance	0.00	31,827.58	60,000.00	53.05%
61500 · Equipment Rental Expense	7,981.56	24,410.95	50,000.00	48.82%
61650 · Operating Supplies	3,014.86	14,796.99	30,000.00	49.32%
61655 · Water Quality Testing	0.00	11,425.04	50,000.00	22.85%
61660 · Property Lease Expense	0.00	35,802.00	61,200.00	58.5%
61800 · Fuel	36,314.31	76,437.21	90,000.00	84.93%
62000 · General Office Expense	1,269.01	9,220.24	25,000.00	36.88%
62001 · Printing & Reproduction	159.20	955.20	12,000.00	7.96%
62003 · Publications and Notices	0.00	4,439.50	2,000.00	221.98%
62005 · Dues and Membership	0.00	32,450.00	83,675.00	38.78%
62007 · Directors' Fees	2,575.54	15,711.49	35,000.00	44.89%
62008 · Educational Expenses	0.00	3,649.64	5,000.00	72.99%
62009 · Postage and Delivery	50.00	633.51	3,500.00	18.1%
63000 · Legal Services	37,358.67	162,083.79	500,000.00	32.42%
63002 · Audit and Accounting Services	8,800.00	12,000.00	40,000.00	30.0%
63004 · Engineering Services	25,451.91	34,794.19	50,000.00	69.59%
63005 · Environmental Consultants	13,984.75	38,592.75	50,000.00	77.19%
63006 · Hydrogeology Consultants	13,515.00	49,347.50	100,000.00	49.35%
63007 · Other Contracted Services	14,962.53	133,826.93	150,000.00	89.22%
63010 · GL/Property/Auto Insurance Prem	0.00	64,550.15	70,000.00	92.22%
63500 · Janitorial Expense	277.53	3,631.85	9,000.00	40.35%
64000 · Water Transaction Fees	7,935.50	16,135.50	50,000.00	32.27%

**Rosedale- Rio Bravo WSD**  
**Revenue and Expenditures**  
January through June 2023

	TOTAL			
	Jun 23	Jan - Jun 23	2023 Budget	% of Budget
65000 · Auto and Truck Maint. & Repair	1,863.64	9,577.85	25,000.00	38.31%
65001 · Equip. Maint. & Repair	3,977.15	19,663.66	50,000.00	39.33%
65002 · Mileage Reimbursement Expense	0.00	120.52	500.00	24.1%
65100 · Building Maintenance	24,095.00	33,552.93	15,000.00	223.69%
65101 · Water Structure Maintenance	17,865.92	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	60,654.40	100,000.00	60.65%
65500 · Weed Control/Chemicals	14,871.28	45,177.70	100,000.00	45.18%
66000 · Utilities	8,602.76	16,543.96	14,000.00	118.17%
66001 · Phone / Internet Expense	233.86	6,798.22	16,000.00	42.49%
66011 · Technology Fees & Subscriptions	1,998.04	10,326.25	62,000.00	16.66%
67000 · Travel Expense	142.91	8,325.93	5,000.00	166.52%
68000 · Taxes - Property	0.00	76,806.38	200,000.00	38.4%
70000 · Capital Water Structure Expense	0.00	83,544.10	500,000.00	16.71%
70001 · Capital Building Expense	0.00	0.00	75,000.00	0.0%
70100 · Capital Booster Pump	0.00	0.00	50,000.00	0.0%
70101 · Capital Well Expenses	6,000.00	59,230.00	1,200,000.00	4.94%
70200 · Capital Engineering Consult Exp	0.00	0.00	250,000.00	0.0%
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	0.00	1,461.00	18,000.00	8.12%
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	0.00	3,044,458.70	3,930,597.00	77.46%
88100 · COP Administration Expense	0.00	0.00	5,500.00	0.0%
<b>Total Expense</b>	<b>2,724,791.00</b>	<b>15,909,579.13</b>	<b>30,311,677.00</b>	<b>52.49%</b>
<b>Net Income</b>	<b>845,078.91</b>	<b>-3,057,462.29</b>	<b>-6,952,688.00</b>	<b>43.98%</b>

BOARD OF DIRECTORS  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
MINUTES OF THE REGULAR BOARD MEETING  
June 13, 2023  
8:00 a.m.

**DIRECTORS PRESENT**

Roy Pierucci, Jason Selvidge, Gary Unruh, Barry Watts & Mitch Millwee. President Pierucci left the meeting at 10:45 a.m.

**DIRECTORS ABSENT**

None

**OTHERS PRESENT**

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

Public – John Gaugel

**CALL TO ORDER**

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

**APPROVAL OF MINUTES**

- a) Special Board Meeting Minutes – May 15, 2023

A motion was made by Director Watts with a second by Director Unruh to approve the Board of Directors' May 15, 2023 special meeting minutes. 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 May 31, 2023 and reported staff will be working through the annual audit process over the next few weeks.

- b) Accounts Payable/ May 13, 2023, through June 9, 2023 — Ms. Misuraca reviewed the accounts payable report with the Board. A motion was made by Director Millwee and seconded by Director Watts to ratify and approve payment of the accounts payable in the total amount of \$2,672,878.25. 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 May 31, 2023, including budget vs. actual.

- d) Consideration of Budgeting Software – Ms. Misuraca reviewed the proposal from ClearGov for a budgeting solution for the District's annual budgeting process and transparency. A motion was

made by Director Selvidge with a second by Director Watts to approve the execution of an agreement with ClearGov for budgeting software (Option 3 in the Board memo presented) with a budget not to exceed \$10,000 per year with a one-time setup fee of \$1,200. The motion was 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 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) Update on Temporary Permit – Staff reported that the permit was approved.
- c) California Delta Conveyance Project – No report.
- d) Consideration of a Water Banking Agreement- Westside Water Authority – Mr. Taylor reviewed the 2:1 water banking agreement with the Westside Districts with the Board. A motion was made by Director Selvidge with a second by Director Unruh to approve and authorize staff to execute the Westside Districts 2:1 water banking agreement dated June 15, 2023. The motion was passed on the following vote:

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

NOES: None

ABSTAINED: None

- e) Consideration of a Land Lease agreement for Groundwater Banking- Resolution No. 534 – Mr. Taylor and Mr. Raytis reviewed Resolution No. 534 Authorizing Execution of Land Lease for Groundwater Banking. Mr. Raytis explained that the Resolution contained certain requisite findings. Mr. Selvidge did not participate in the discussion. A motion was made by Director Unruh with a second by Director Watts adopting Resolution No. 534 Authorizing the execution of a Land Lease for Groundwater Banking. A roll call vote was taken and the motion passed on the following vote:

AYES: Directors Pierucci, Unruh, Watts and Millwee

NOES: None

ABSTAINED: Director Selvidge



- f) 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 #4 of the District’s adopted strategic plan. Ms. Echeverria reported on the progress of the project plans under Goal # 4.
- 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 Millwee to continue the emergency action of Resolution 531 – declaring a flood emergency and to authorize procurement of equipment, services, & supplies for such emergencies without giving notice for bids to let contracts. The motion unanimously passed.  
AYES: Roy Pierucci, Jason Selvidge, Gary Unruh, Barry Watts & Mitch Millwee  
NOES: None.  
ABSTAINED: None.
- c) Report on 2023 AEP Conference – Ms. Echeverria reported on her attendance at the 2023 AEP Conference in Lake Tahoe.

#### **ENGINEERS / PROJECTS REPORT**

- a) Onyx Ranch
  - i. Operations Report – Mr. Bartel briefed the Board on the status of the Onyx Ranch operations, noting staff maximized irrigation operations as discussed with the Kern River Water Master.
  - ii. Ratification of Construction Contract Septic and Water System – Mr. Smith reported that in preparation for the sale of the Onyx Store and hunter’s cabin, staff has been working on various repairs. A motion was made by Director Selvidge with a second by Director Unruh to ratify the execution of a construction contract for the replacement of the store’s septic tank and installation of a new water line with a budget not to exceed \$22,278. The motion unanimously passed.  
AYES: Directors Pierucci, Selvidge, Unruh, Millwee and Watts  
NOES: None  
ABSTAINED: None
  - iii. Update on FEMA Action Relief – Ms. Echeverria reported on the efforts to obtain FEMA funding for flood damages to various structures on Onyx Ranch in an amount of approximately \$100,000.
- b) Improvement Projects – Mr. Nygren reported that staff has completed the shallow groundwater monitoring wells per the Cross Valley Canal requirements and reports have been submitted to Kern County Water Agency. Mr. Nygren also briefed the Board on the Grimmway recharge ponds and noted water began recharging on the ponds on May 30<sup>th</sup>.

**COMMITTEE REPORTS**

- a) Groundwater Banking Joint Powers Authority –
  - i. Construction of West Enos Pilot Ponds – Mr. Nygren reported that an agreement was reached with the current owner of the parking lot between Goose Lake Channel and the West Enos Property for the placement of temporary pipe and the project began running water on June 5, 2023.
- b) James Groundwater Banking Authority – No report.
- c) Kern Groundwater Authority-
  - i. GSP Deficiency Resolution – Mr. Bartel and Mr. Taylor briefed the Board on the efforts to update the GSP to address deficiencies per the Department of Water Resources’ letter declaring the basin plan is inadequate.
- d) Rosedale Management Area Committee-
  - i. Water Charge Management Action Implementation - Mr. Taylor reported that staff is working with AECOM to complete a study to aid in the implementation of the water charge.
  - ii. Stakeholder Meeting Report – Mr. Taylor reported that a block of water was offered at cost to undistricted land landowners and no inquiries were received.
- e) Kern Fan Monitoring Committee – No report.
- f) Cross Valley Canal Advisory Committee – No report.
- g) Pioneer Project Committee – Mr. Taylor briefed the Board on the latest activities.
- h) Kern River Watershed Coalition Authority (KRWCA) – No report
- i) Kern Fan Authority – No report
- j) Joint Operating Committee (JOC) – No report
- k) Committee for Delta Reliability – No report
- l) South Valley Water Resources Authority – Mr. Taylor reported that funding was not received for the Fish Friendly Diversion project.
- m) Valley Ag Water Coalition – No report
- n) Kern Integrated Regional Water Management Plan – No report
- o) Sites Reservoir Project – Mr. Taylor briefed the Board on the latest activities.
- p) Association of California Water Agencies – Mr. Taylor briefed the Board on the latest activities.

**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 8:20 a.m. President Pierucci announced the Board would meet in closed session. At 9:30 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 10:47 a.m.

BOARD OF DIRECTORS  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
MINUTES OF THE SPECIAL BOARD MEETING  
June 20, 2023  
1:00 p.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 & Dan Raytis  
Public – None

**CALL TO ORDER**

President Pierucci called the meeting to order at 1:00 p.m.

**MANAGER’S REPORT**

None.

**OLD OR NEW BUSINESS**

None.

**PUBLIC COMMENT**

None.

**CLOSED SESSION**

During the meeting, the Board met in closed session, as follows: At 1:01 p.m. President Pierucci announced the Board would meet in closed session. At 2:01 p.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 2:01 p.m.



**BOARD MEETING**

[Next Meeting Agenda](#)

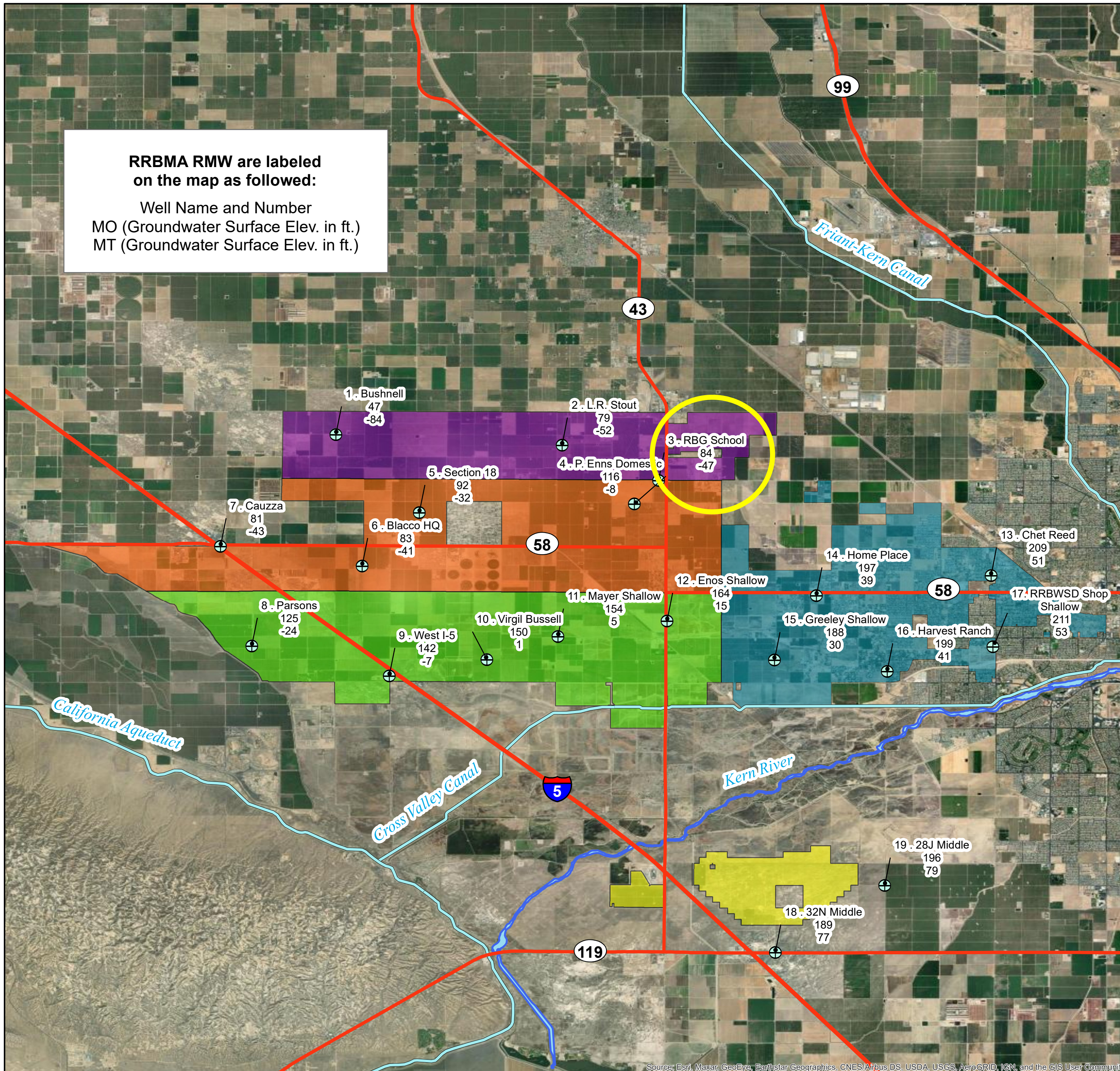
**NEWS & UPDATES**

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

[2023-2028 RRBWSD Strategic Plan](#)



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



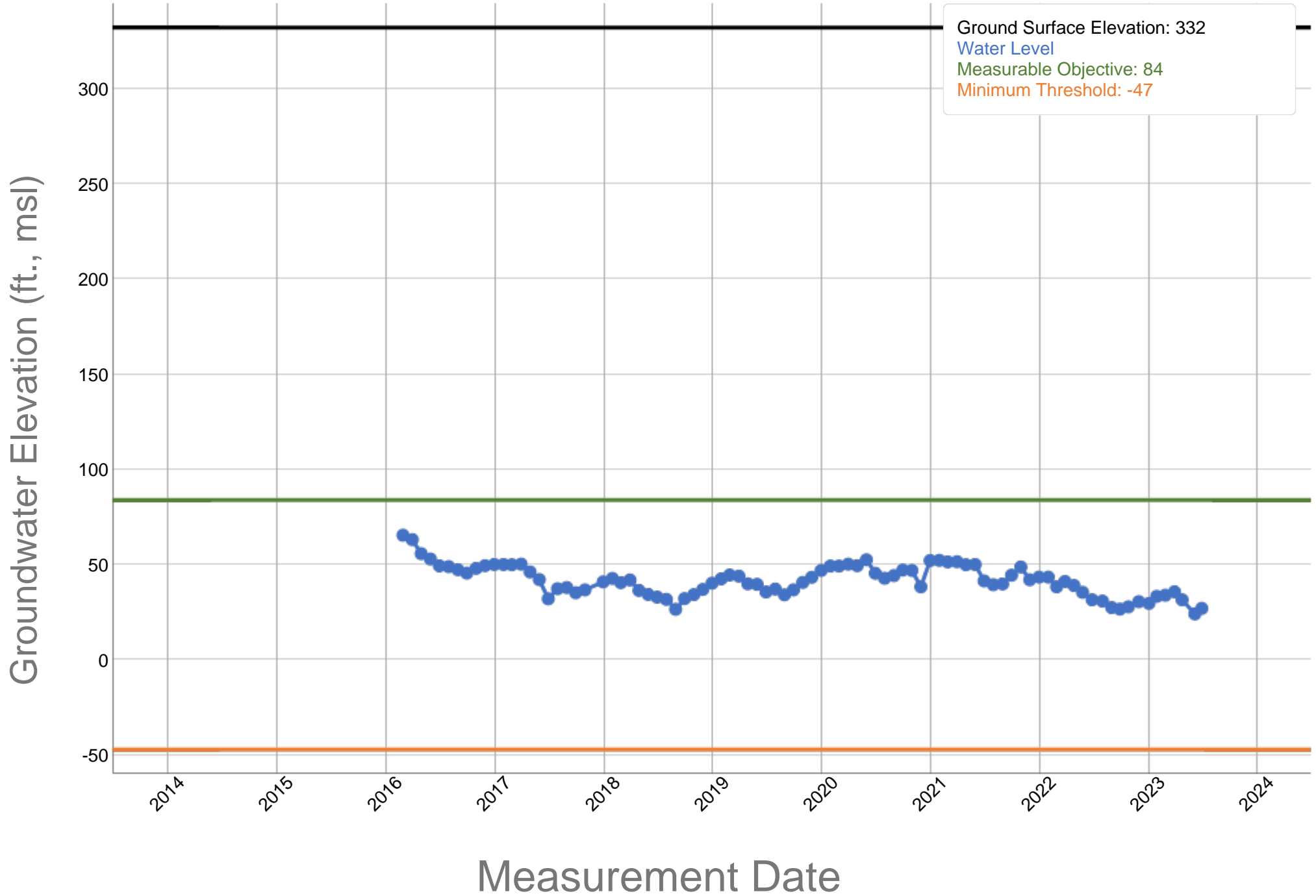
**Legend**

- ⊕ 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

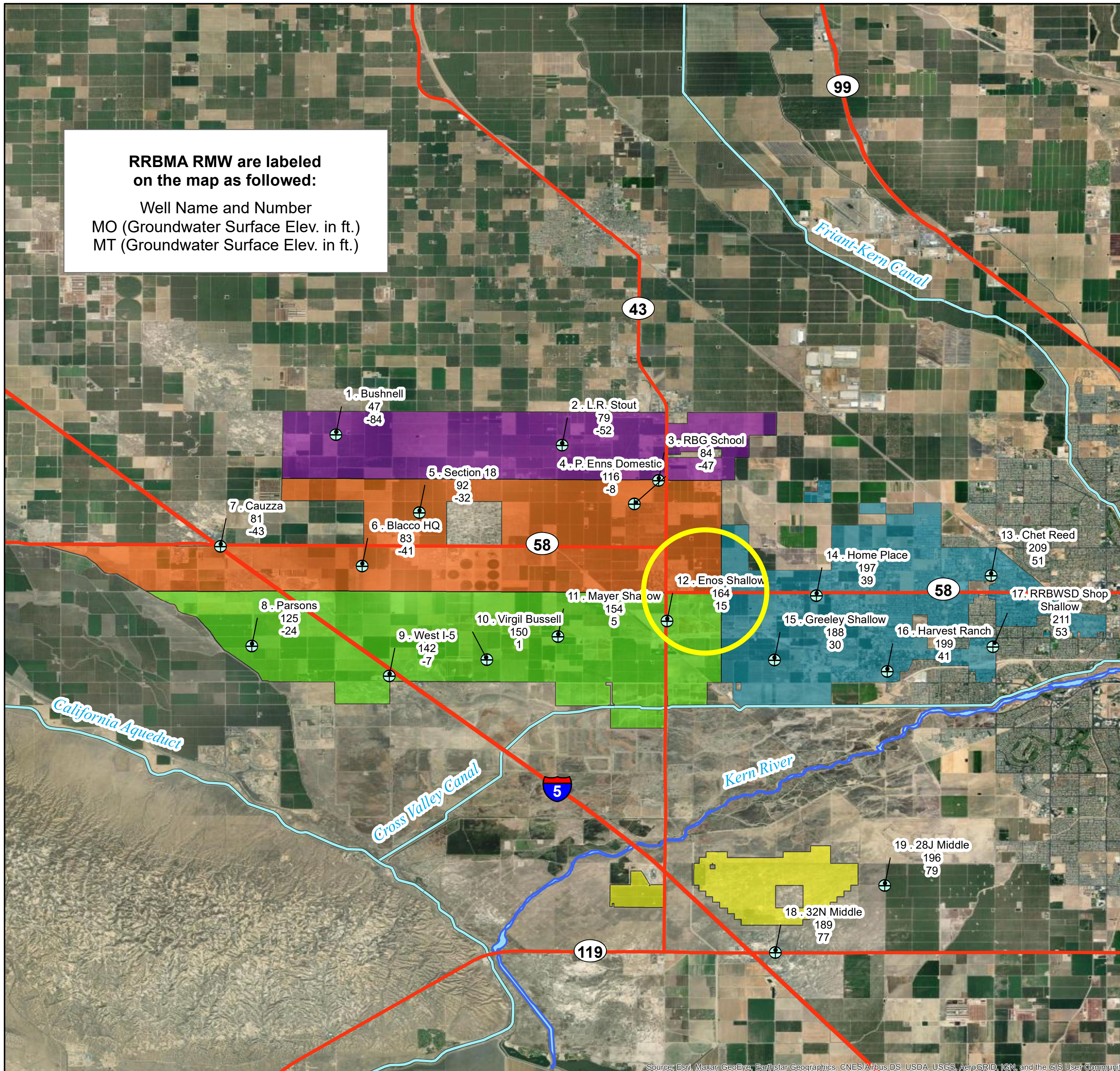
*RMW = Representative Monitoring Well  
MO = Measurable Objective  
MT = Minimum Threshold*



# Rosedale-Rio Bravo GSA - RBG School - 354197N1192544W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

- ⊕ RRBMA RMW (Water Level)
- Major Highways
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- Kern River
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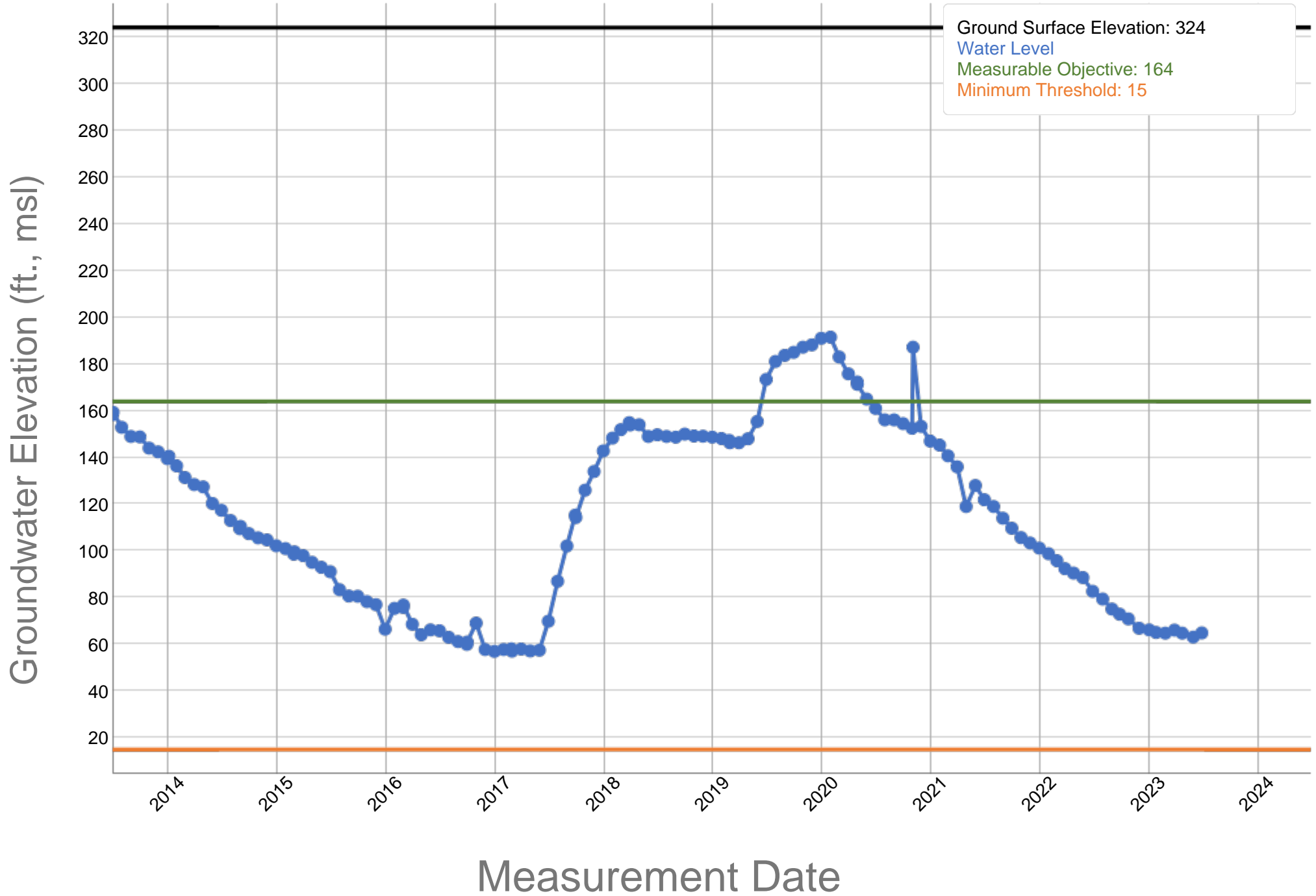
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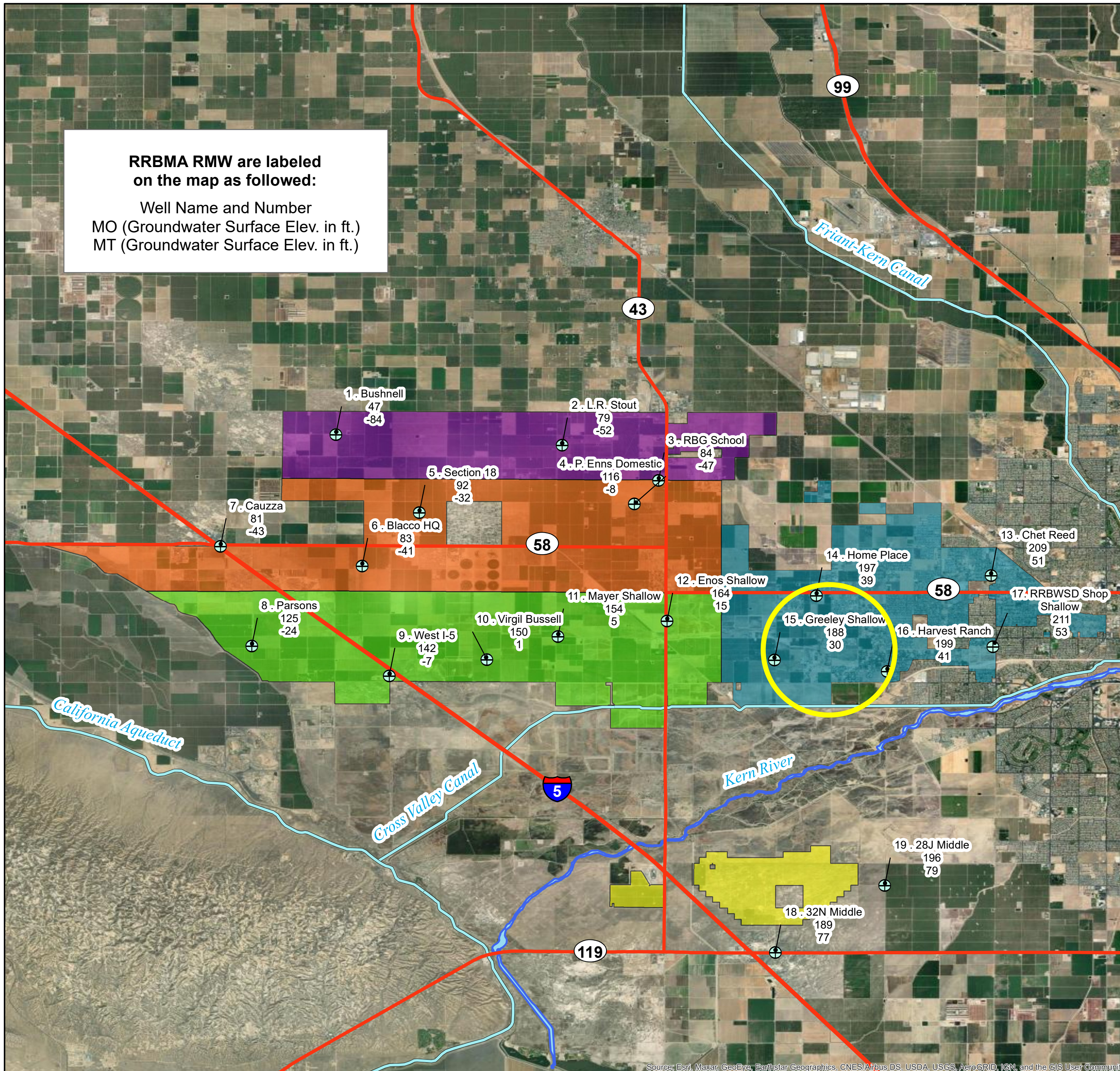
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



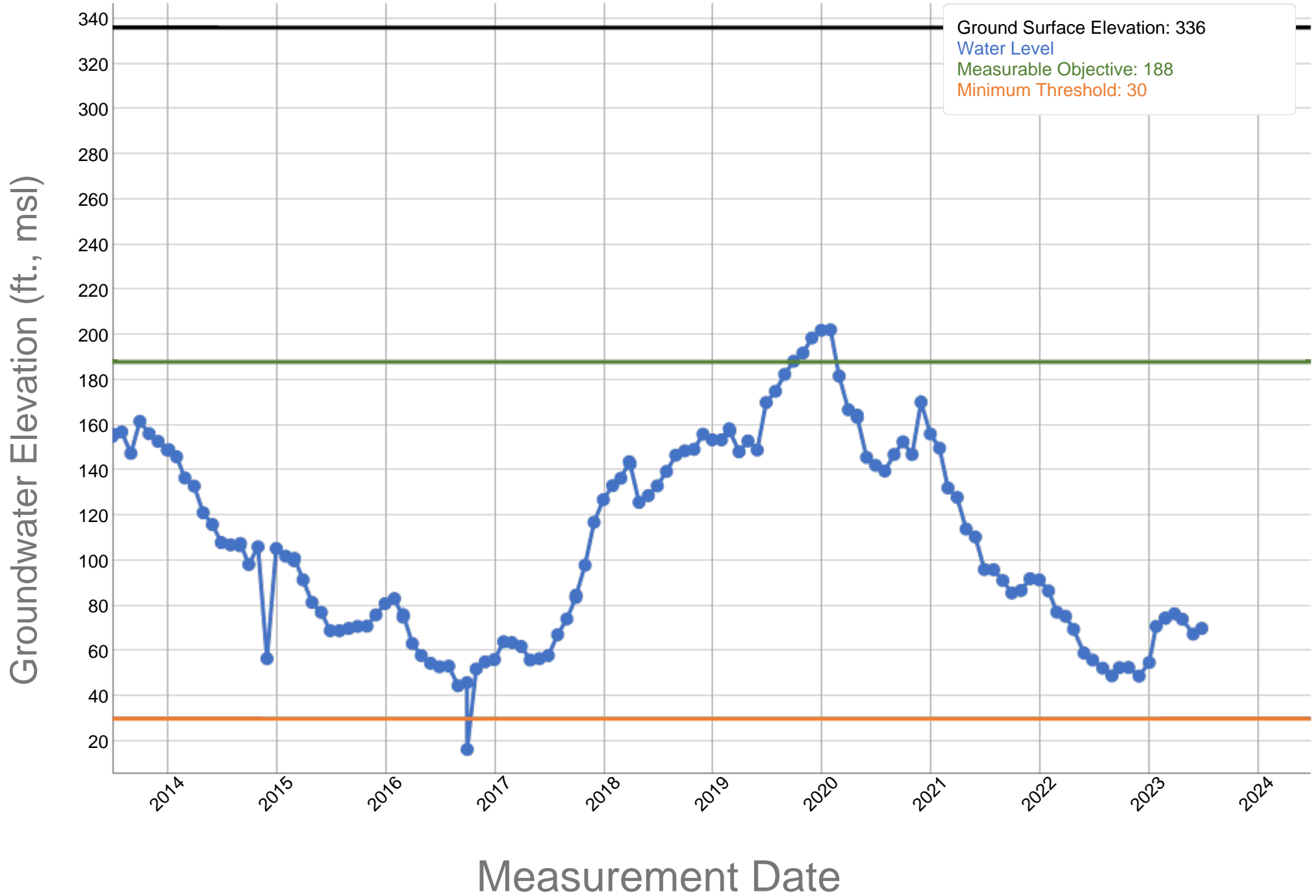
**Legend**

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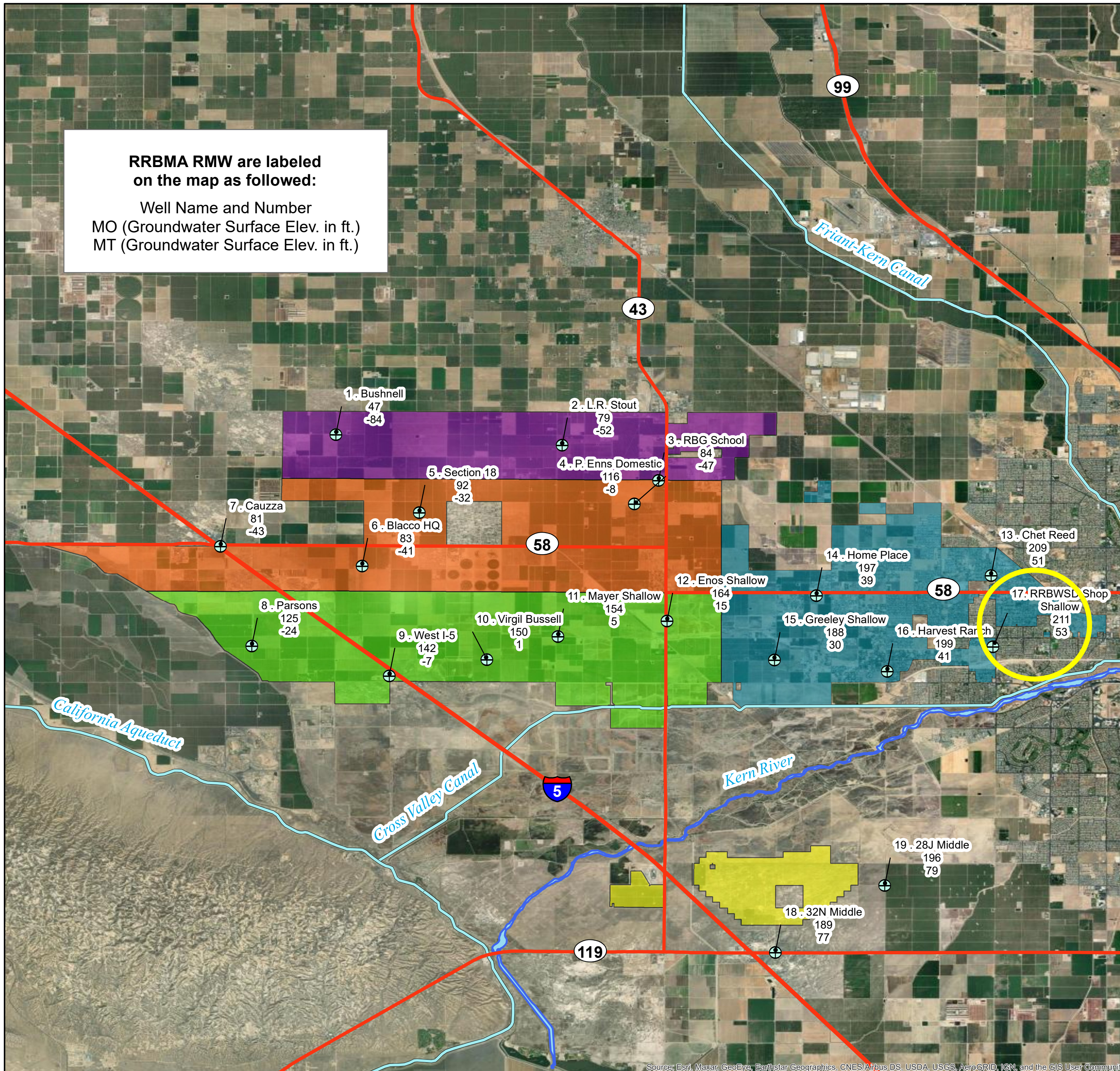
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# Rosedale-Rio Bravo Water Storage District - 31H Greeley - 353618N1192169W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

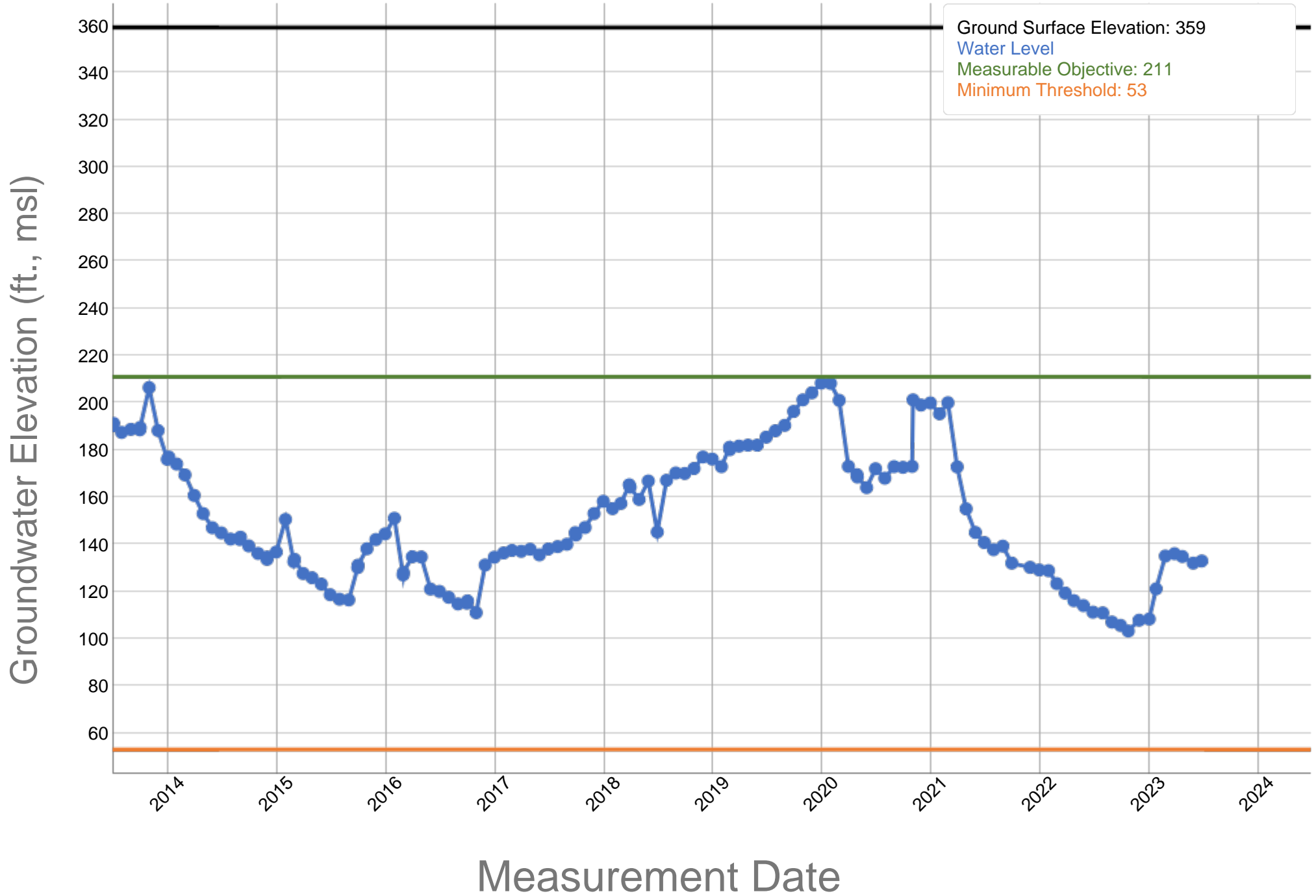
- ⊕ RRBMA RMW (Water Level)
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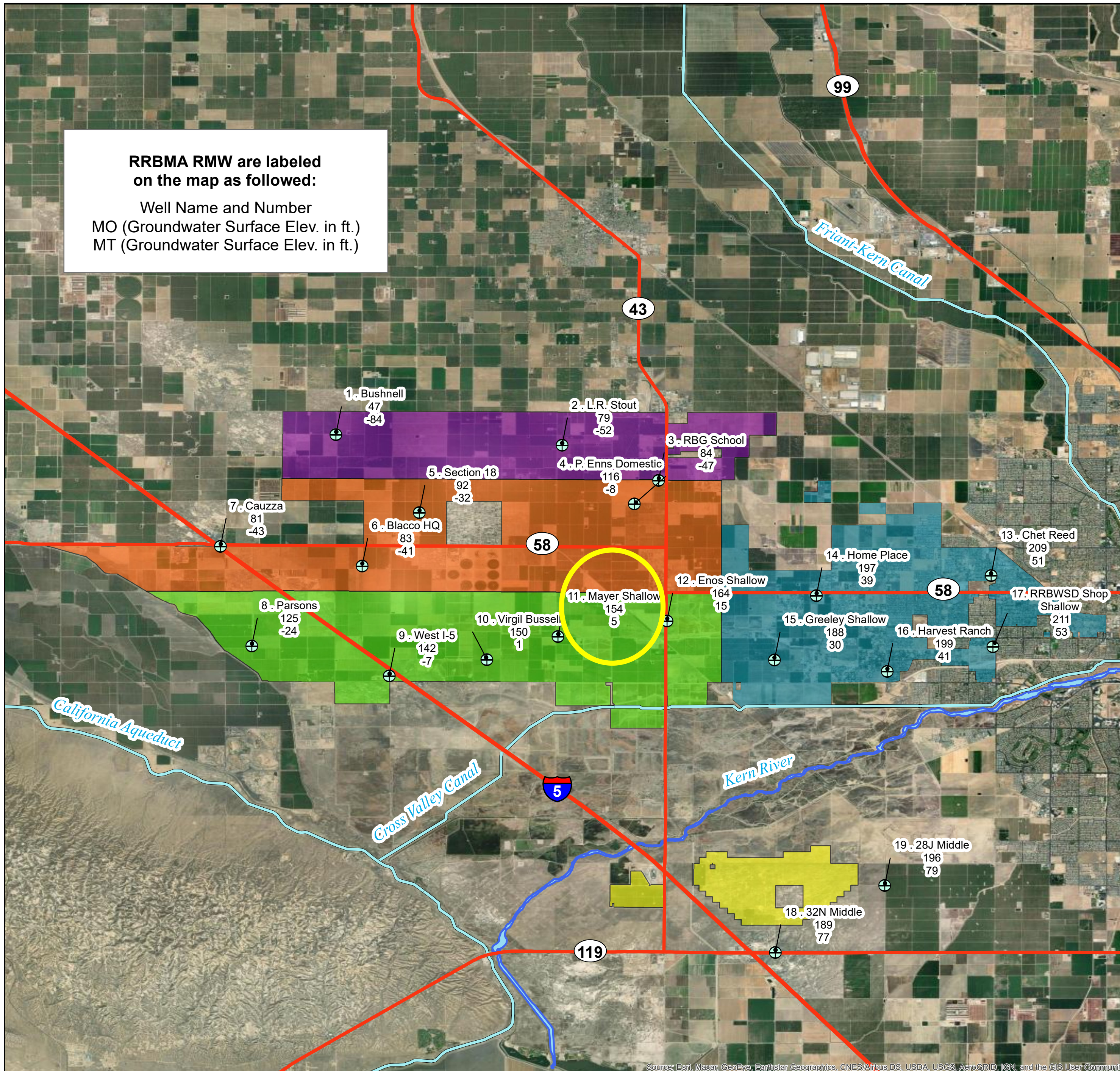


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



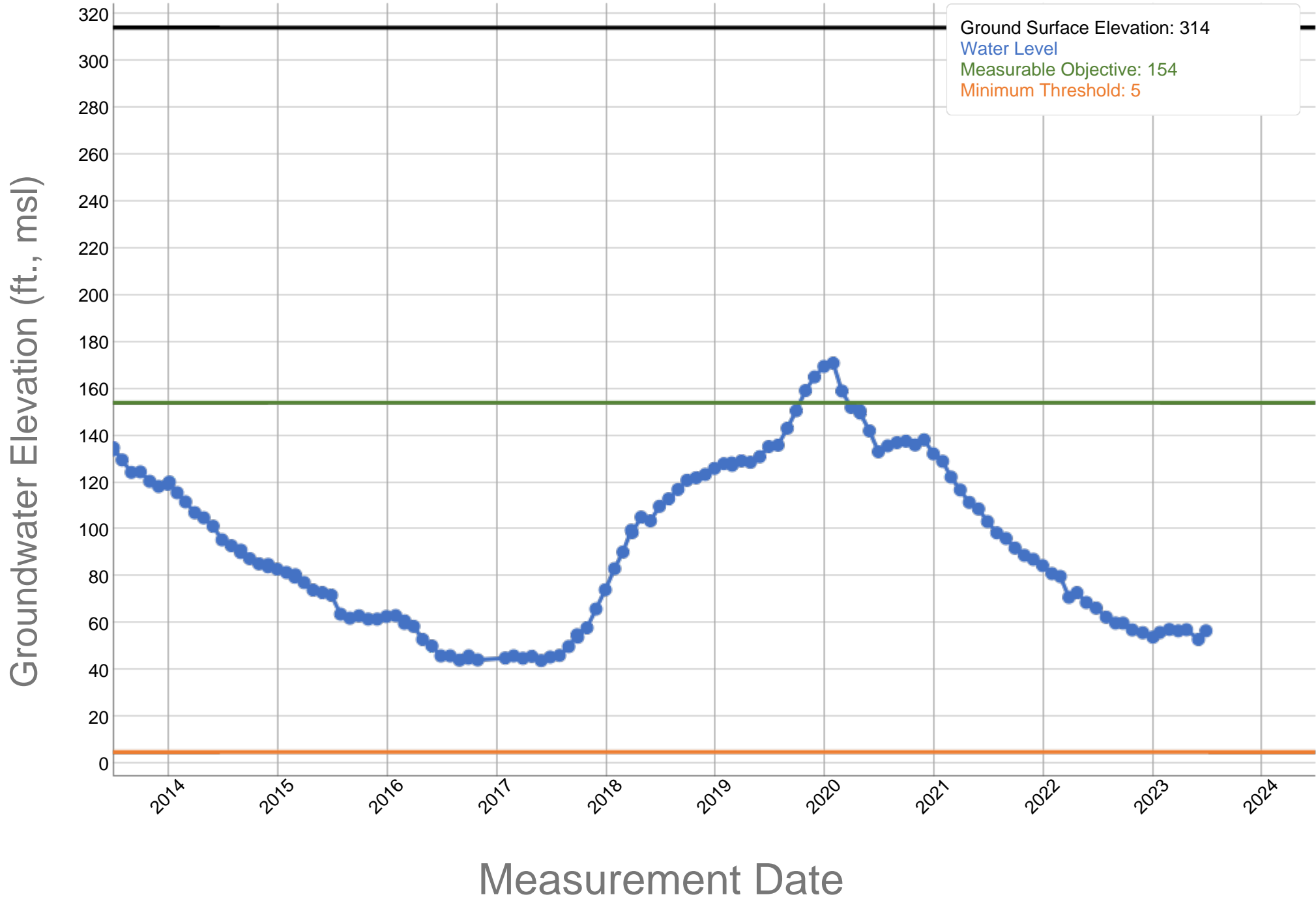
**Legend**

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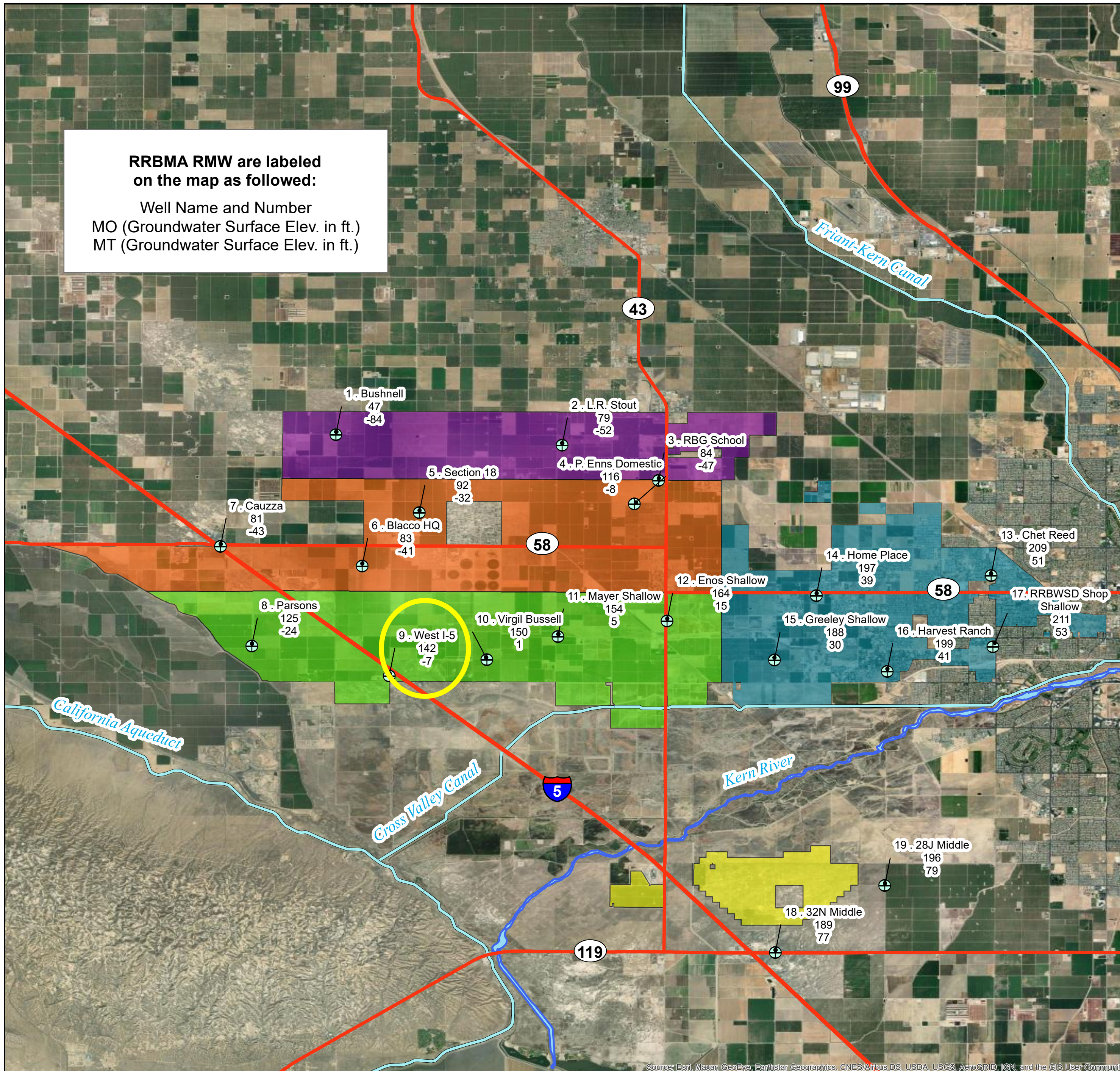
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# Rosedale-Rio Bravo Water Storage District - 27N Mayer - 353699N1192856W002



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

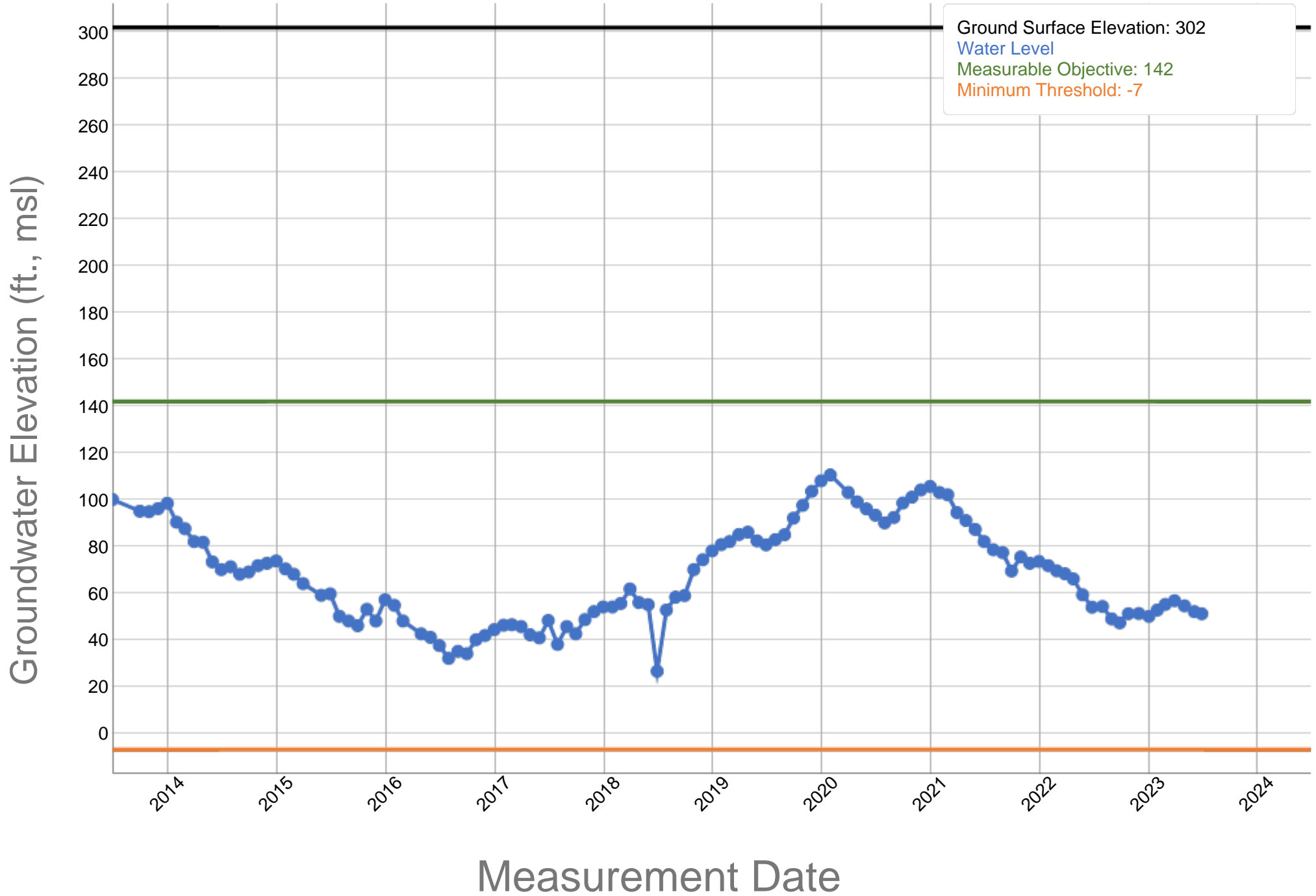
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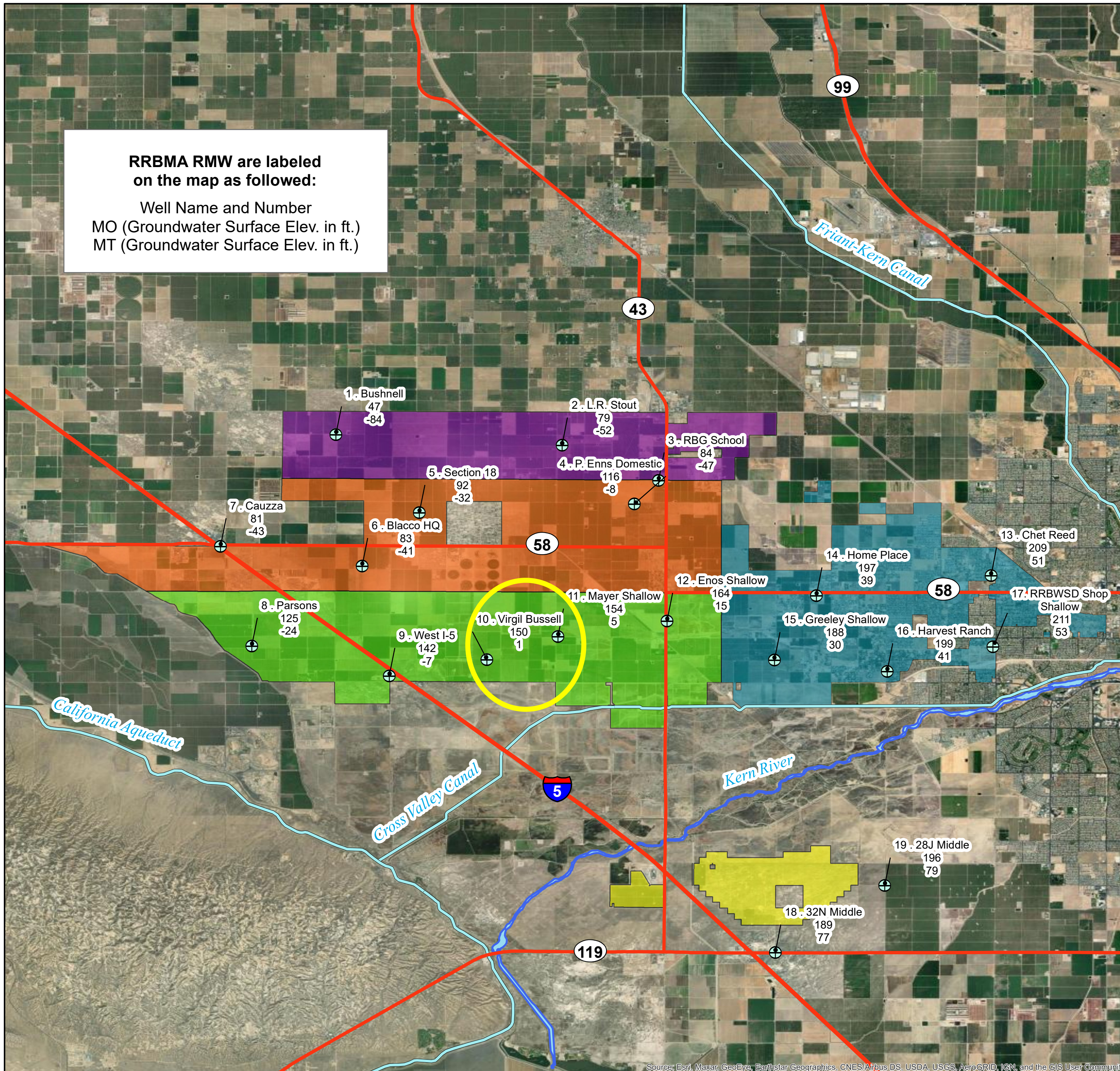




# Rosedale-Rio Bravo Water Storage District - West I-5 - 353564N1193412W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

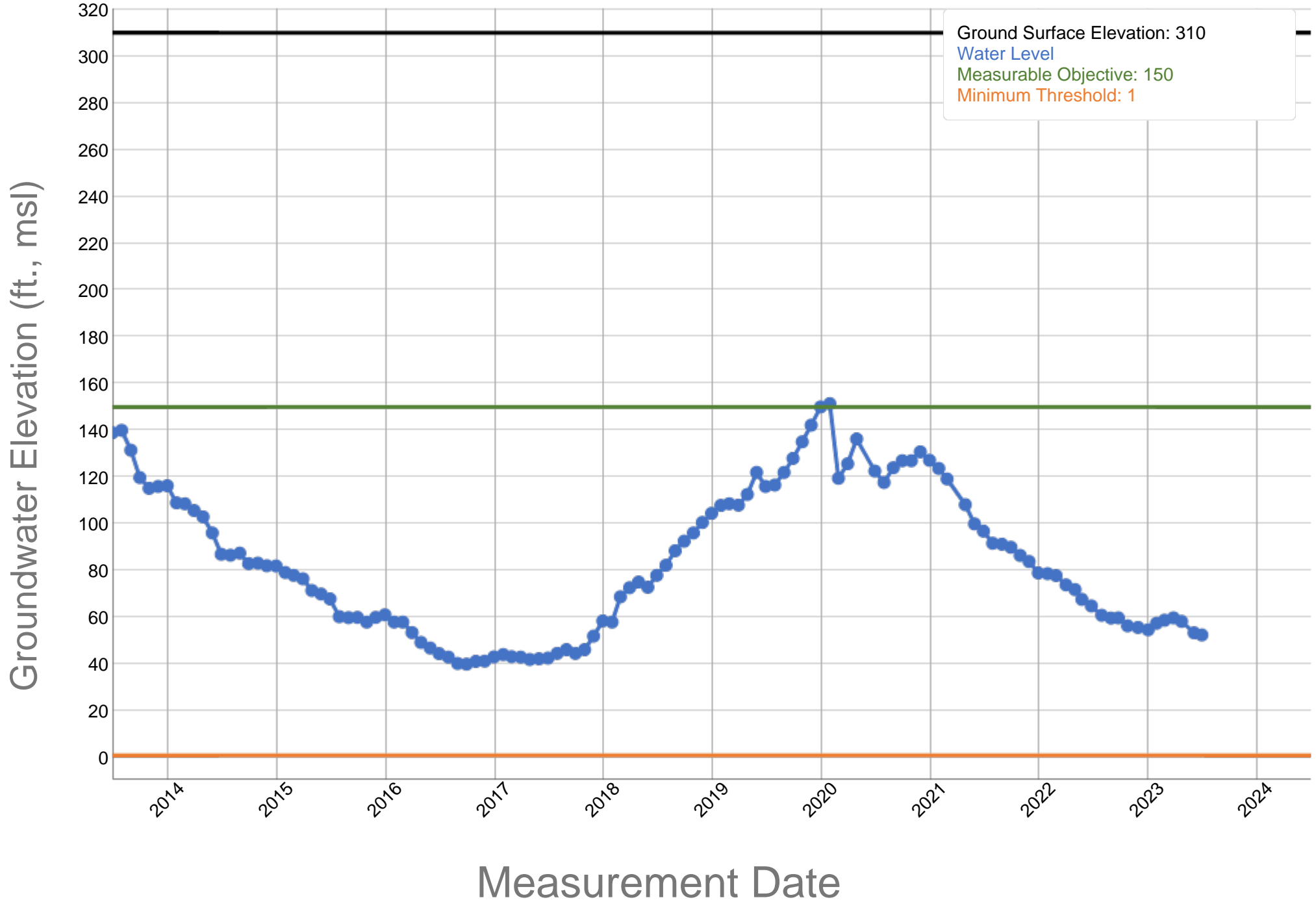
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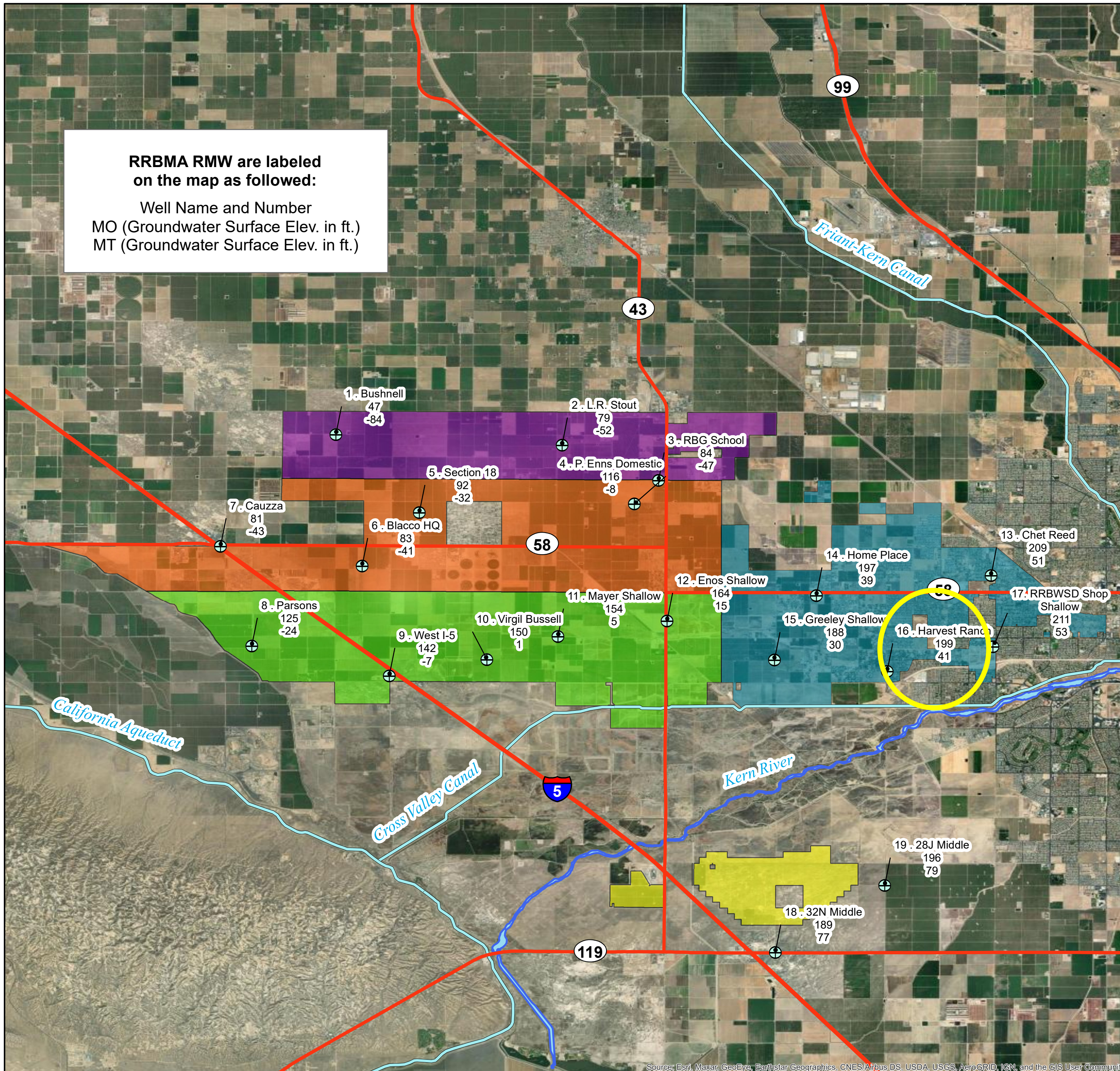


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



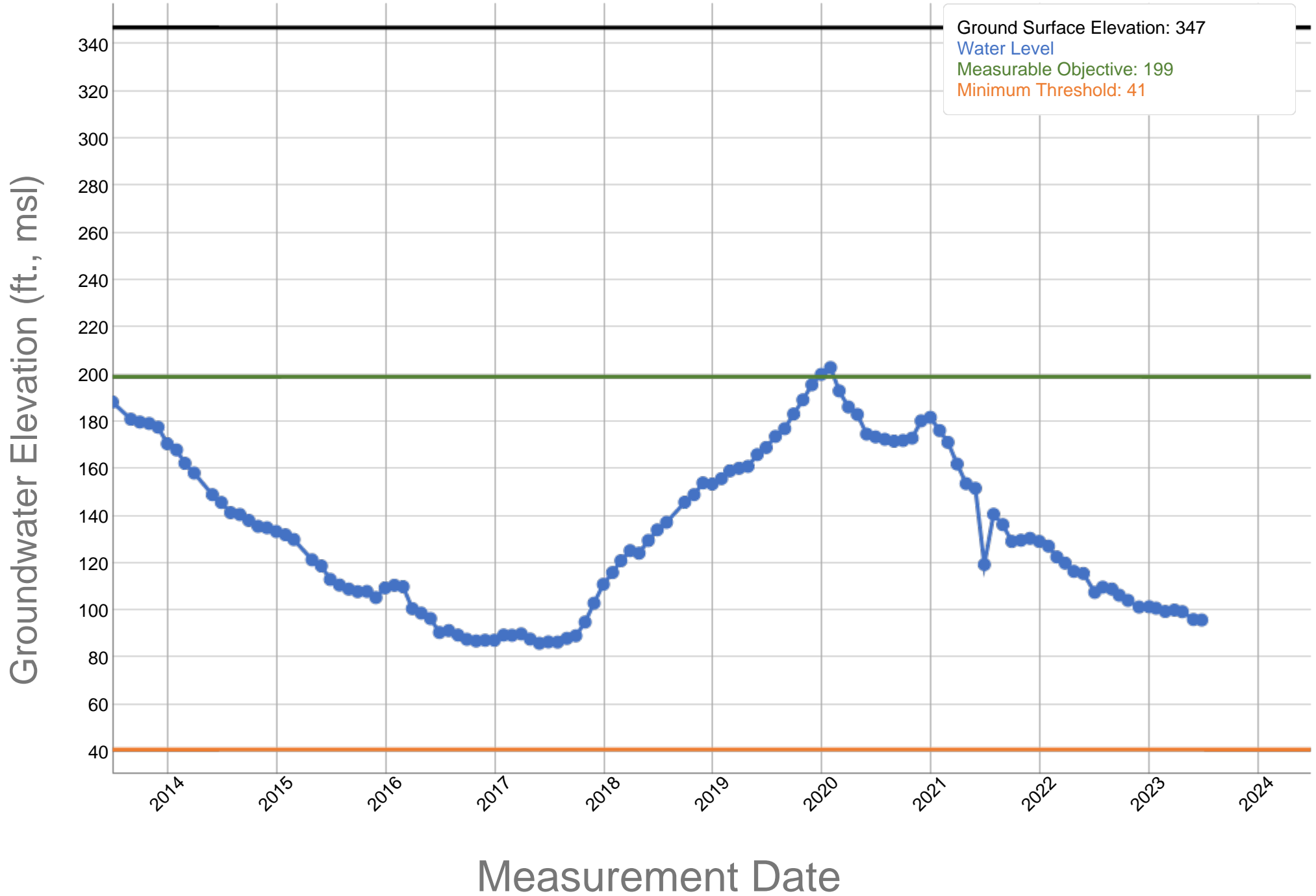
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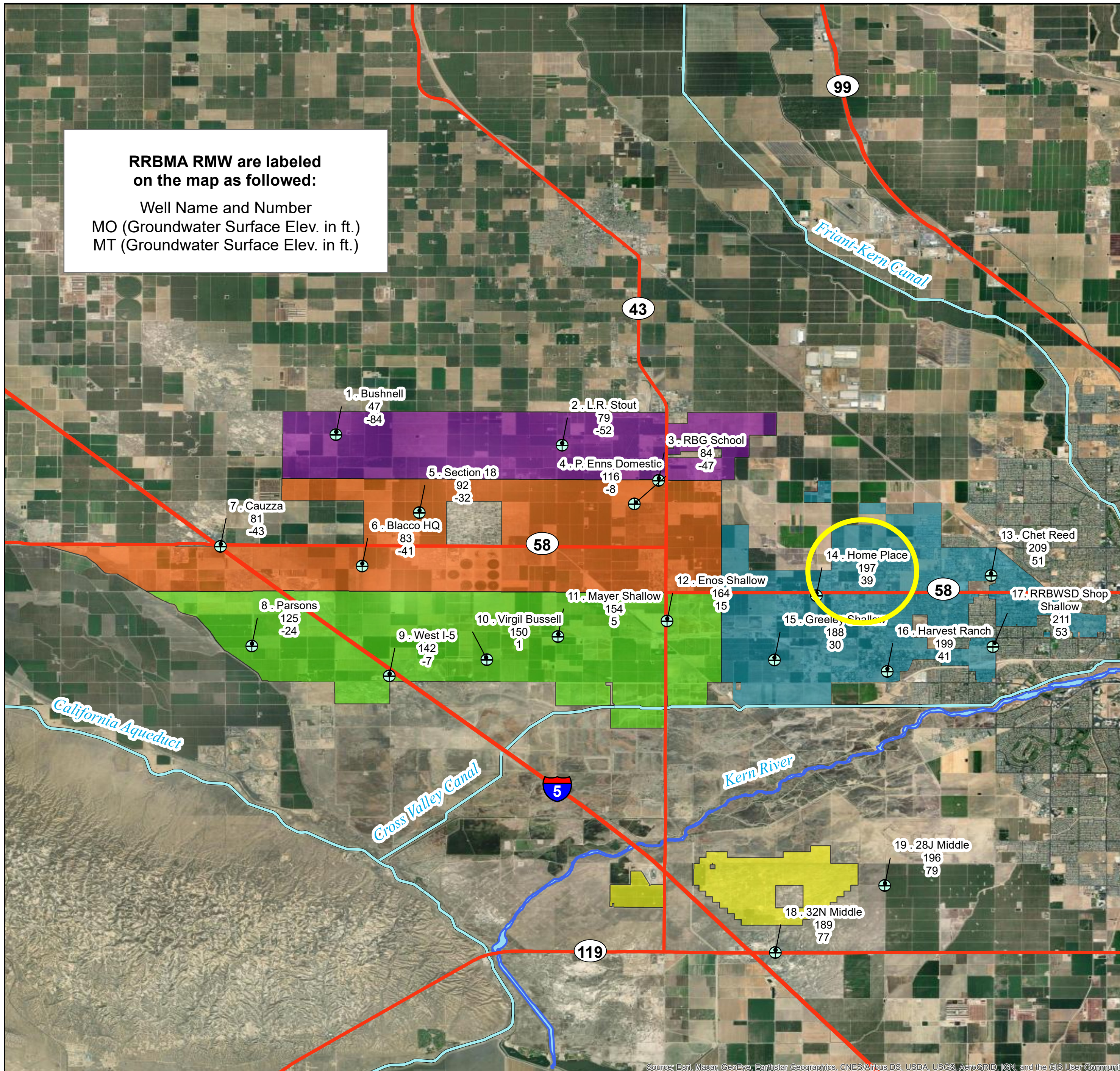
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# Rosedale-Rio Bravo Water Storage District - Harvest Ranch - 353634N1191766W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



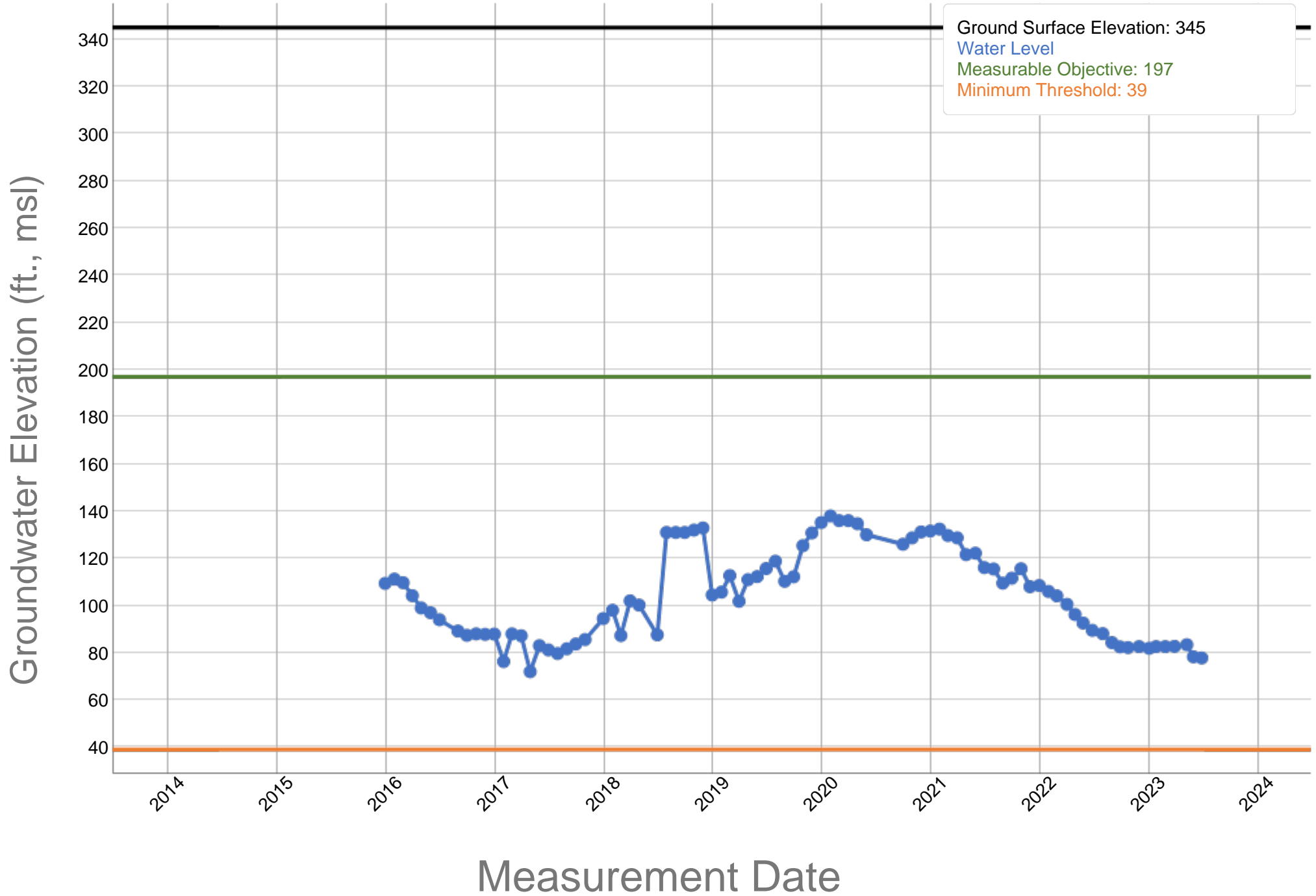
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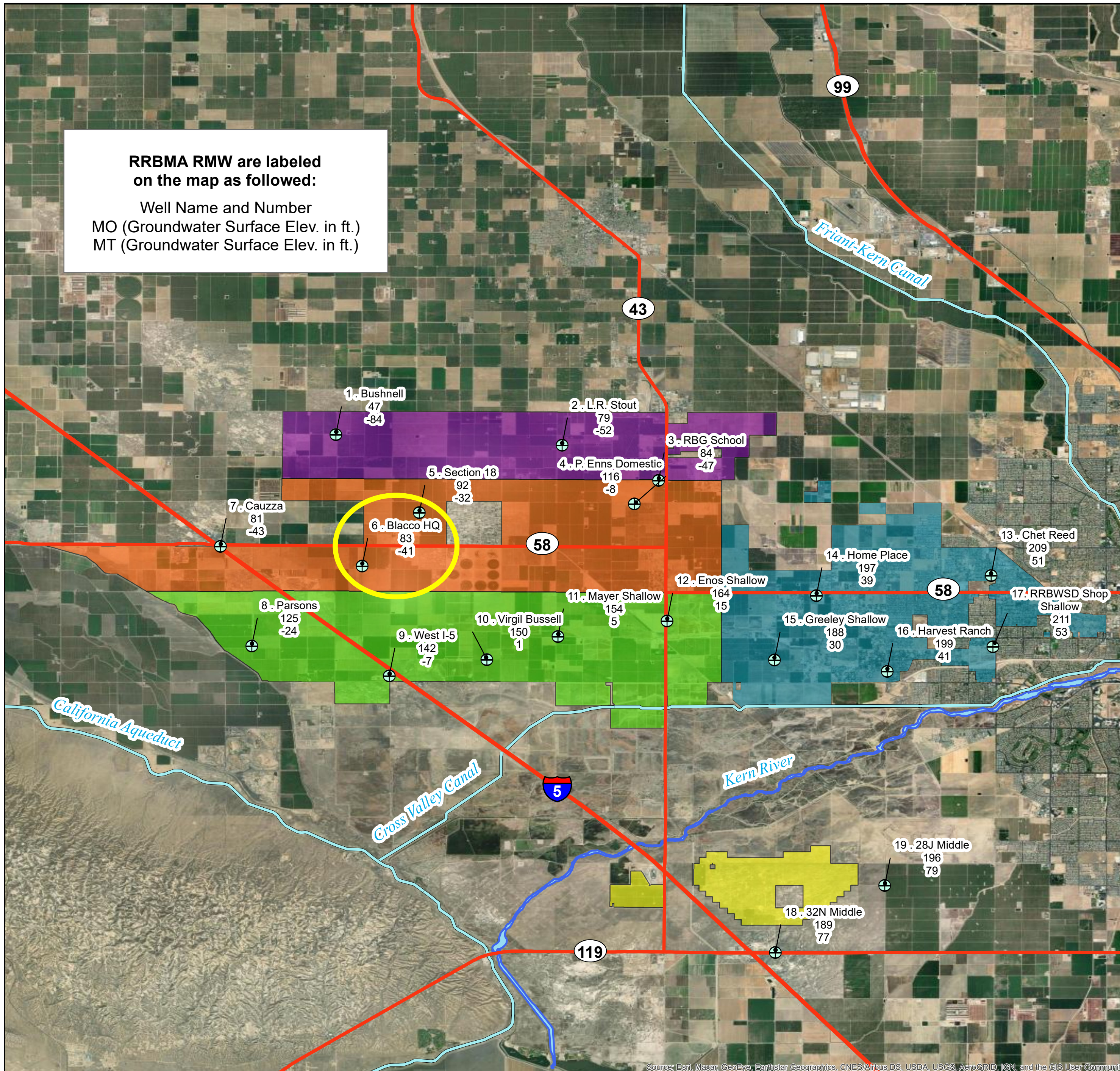
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# Rosedale-Rio Bravo Water Storage District - Home Place - 353824N1192035W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

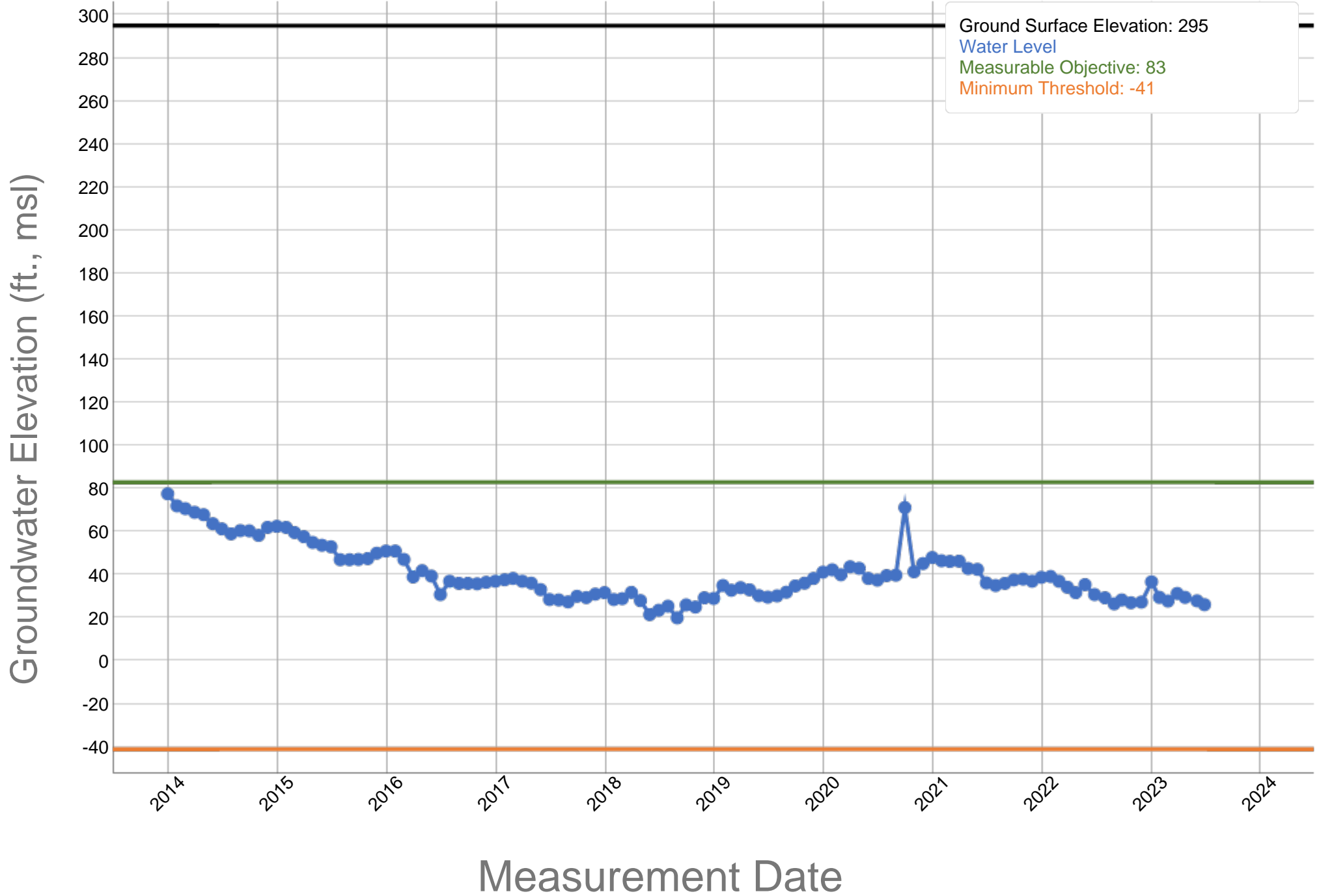
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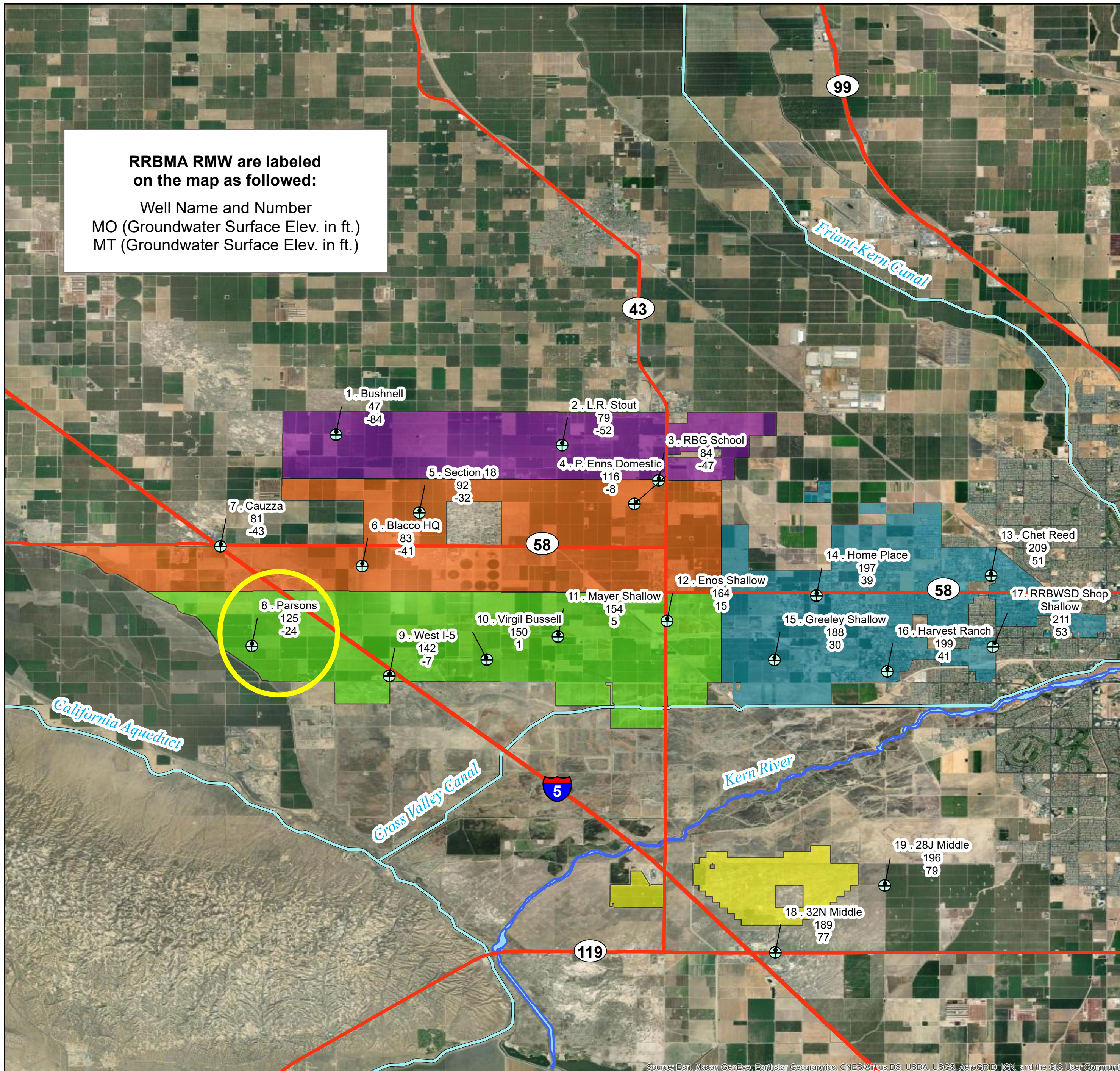




# Rosedale-Rio Bravo Water Storage District - Blacco HQ - 353915N1193454W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

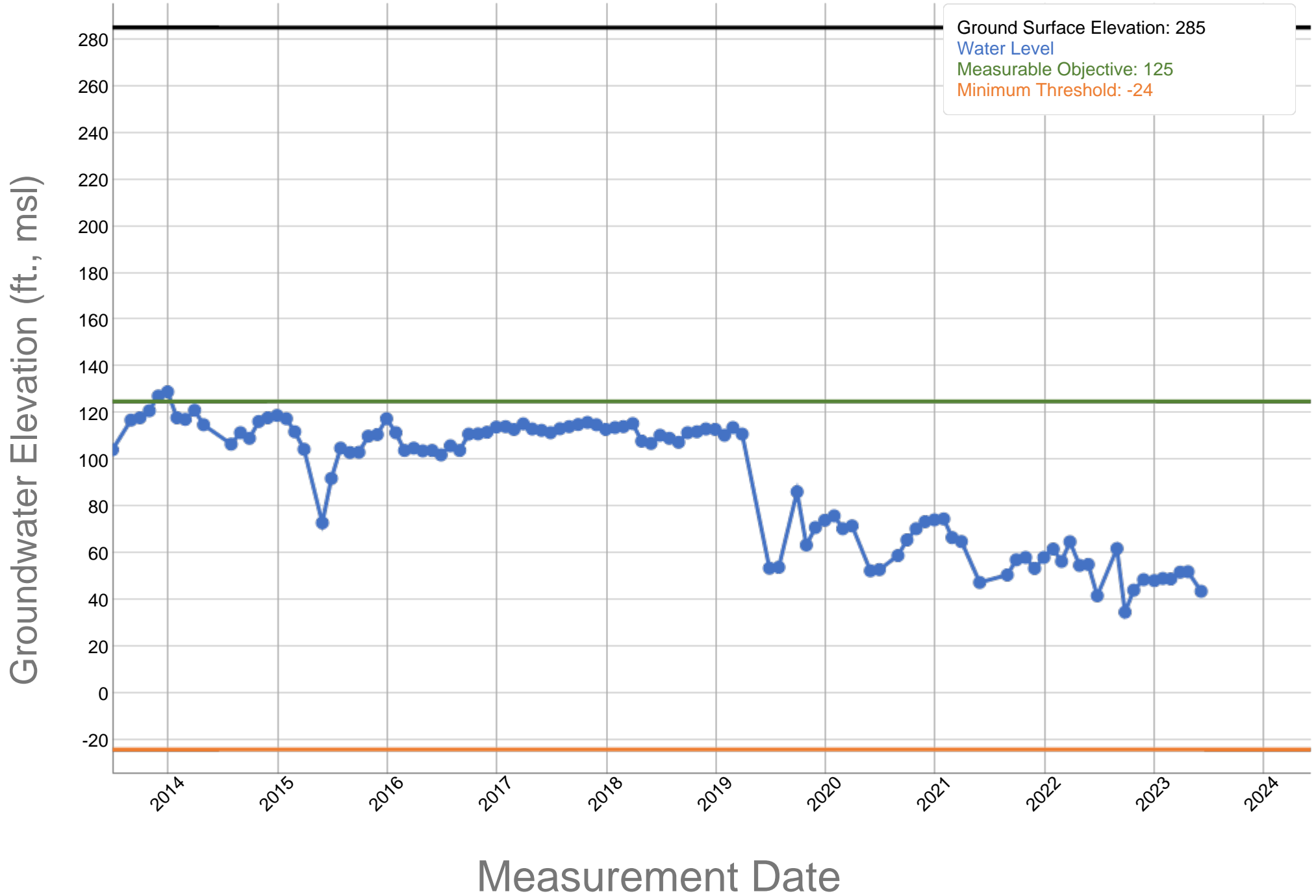
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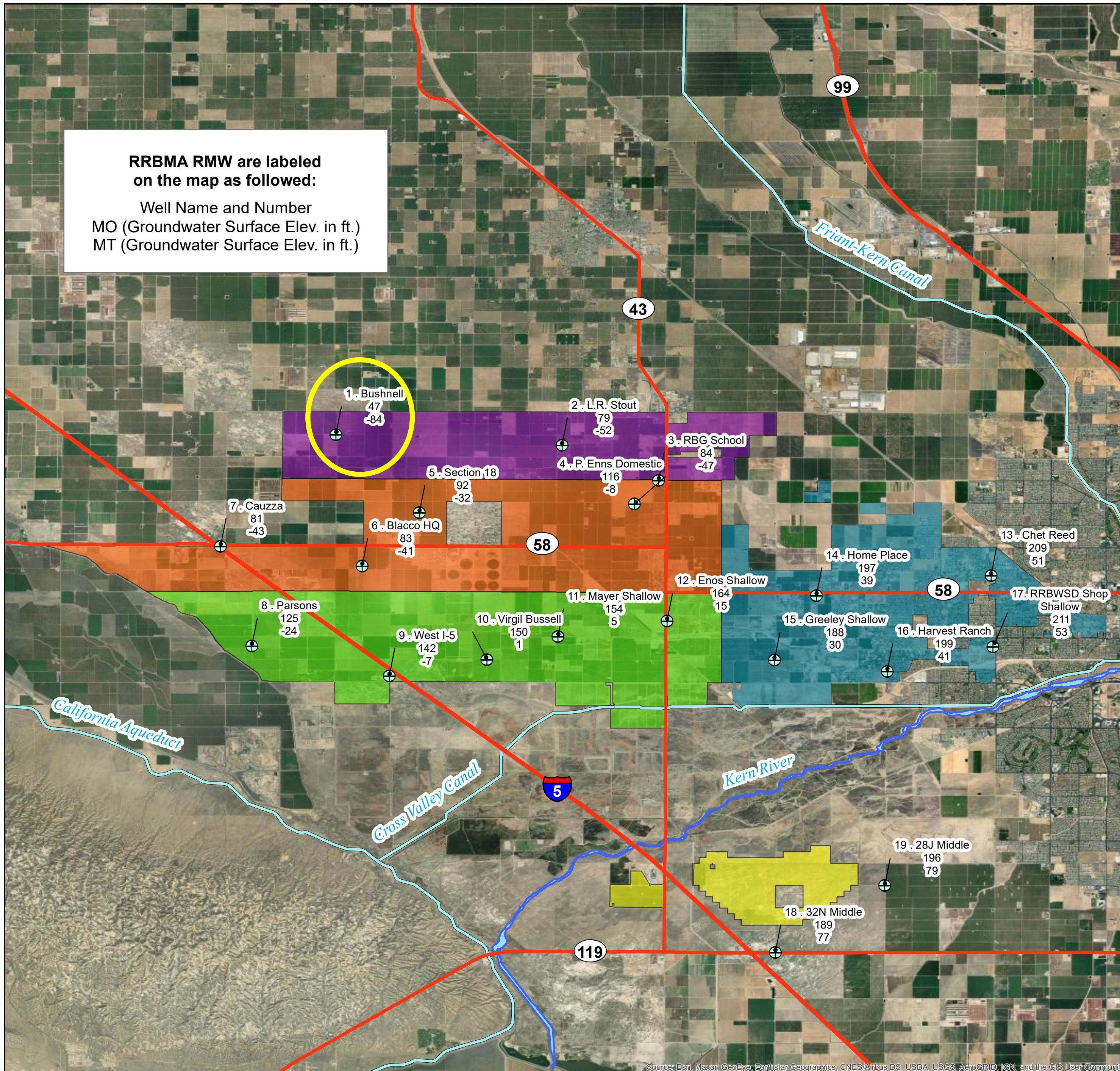


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



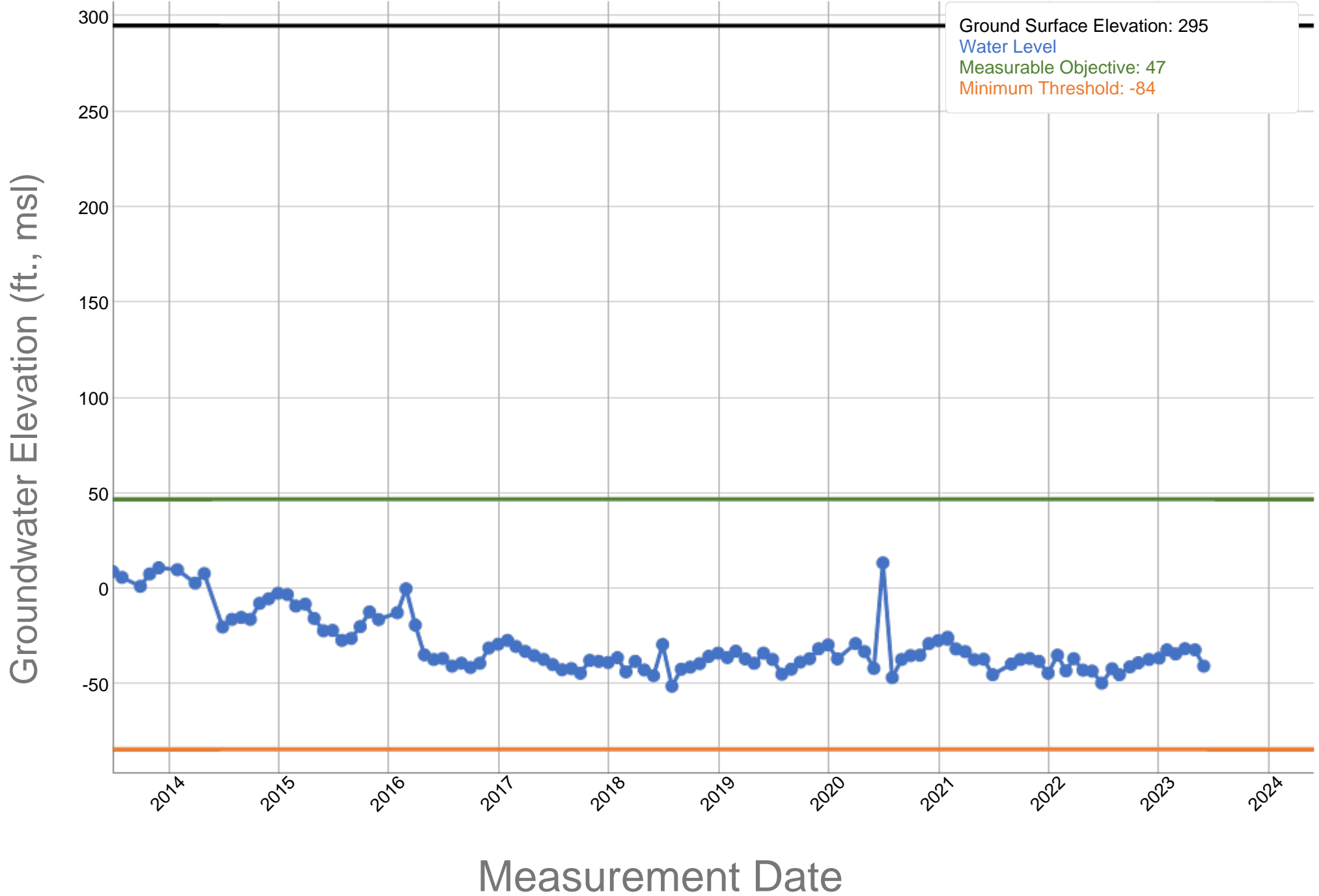
**Legend**

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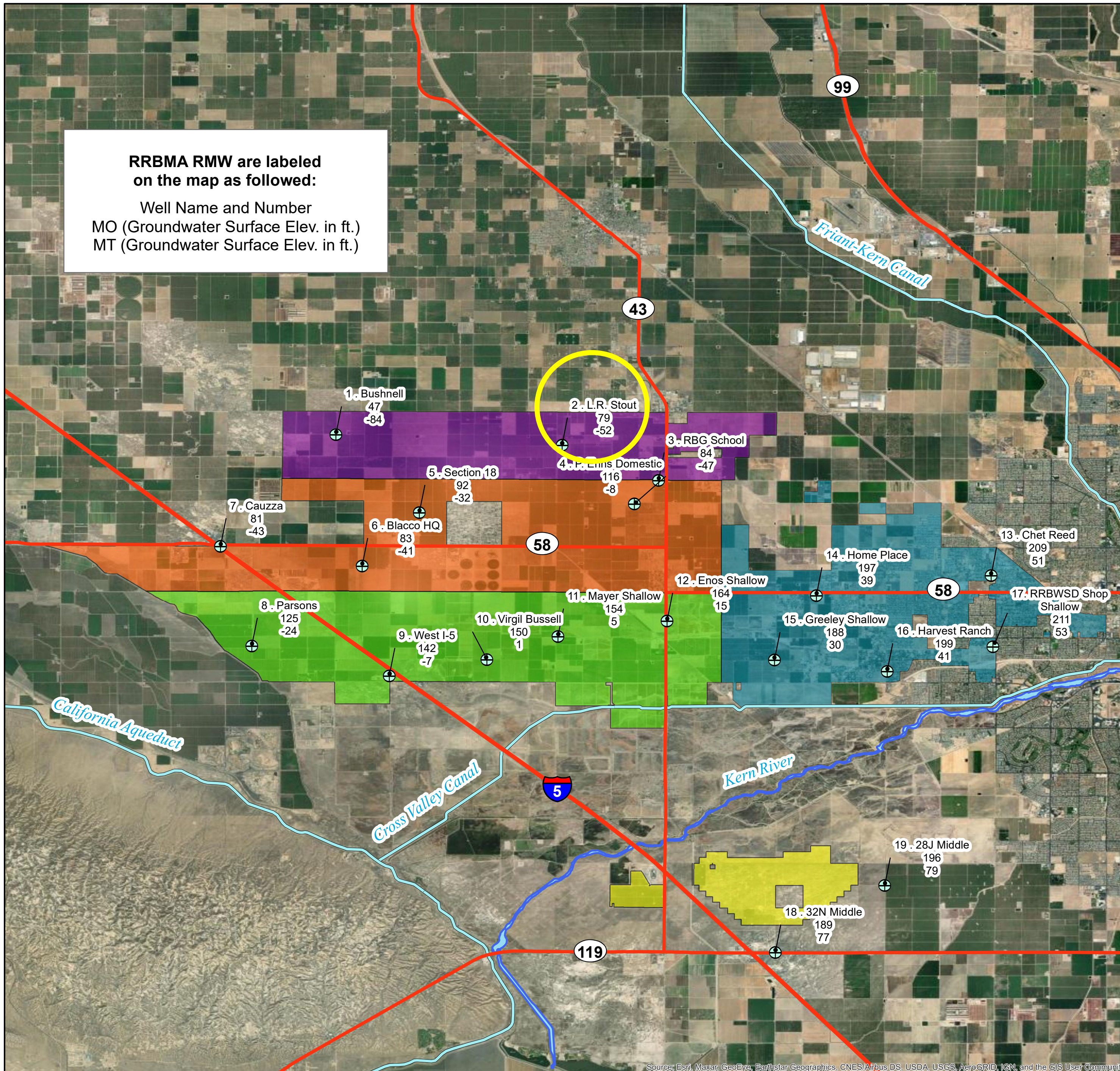
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# Rosedale-Rio Bravo Water Storage District - Bushnell - 354350N1193586W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



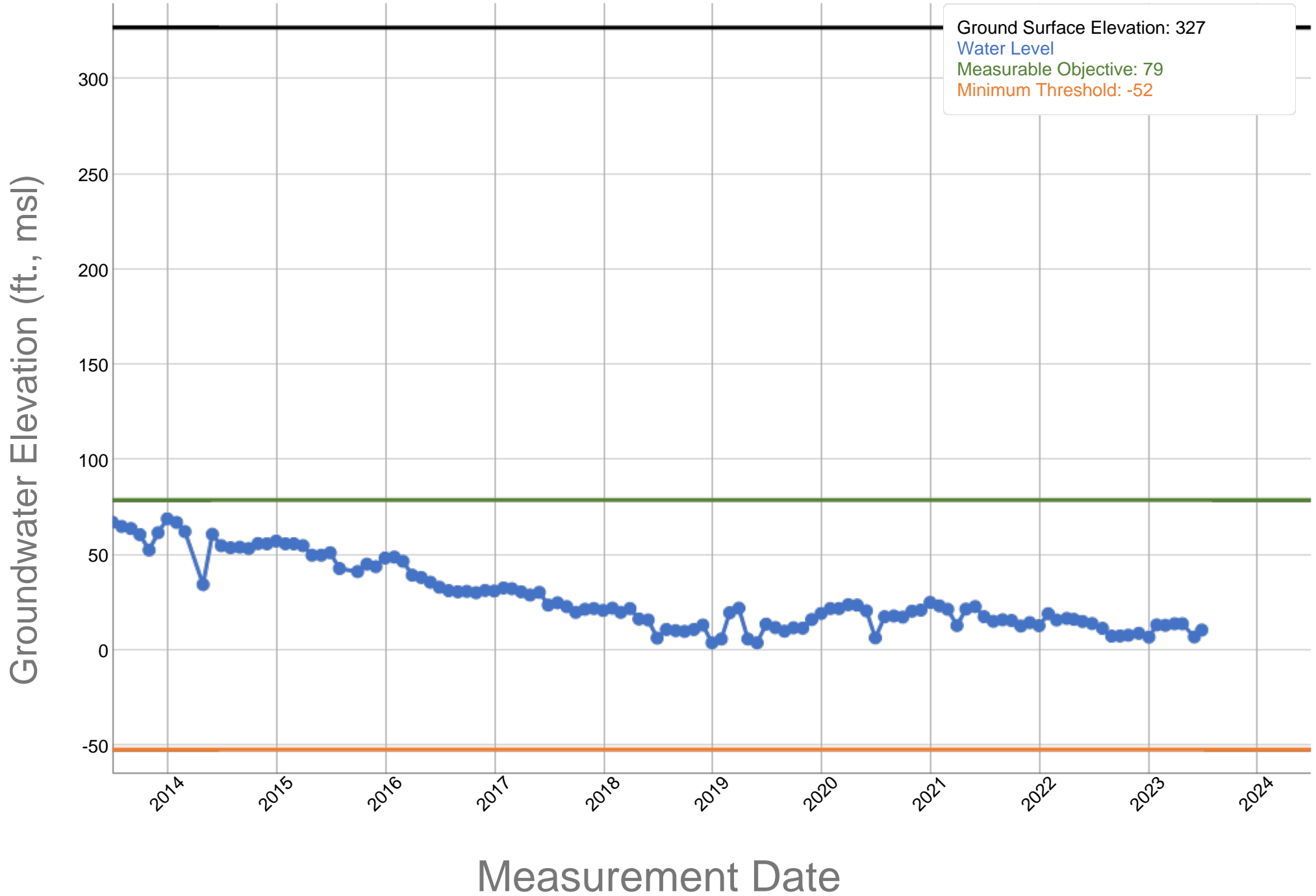
**Legend**

- ⊕ 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

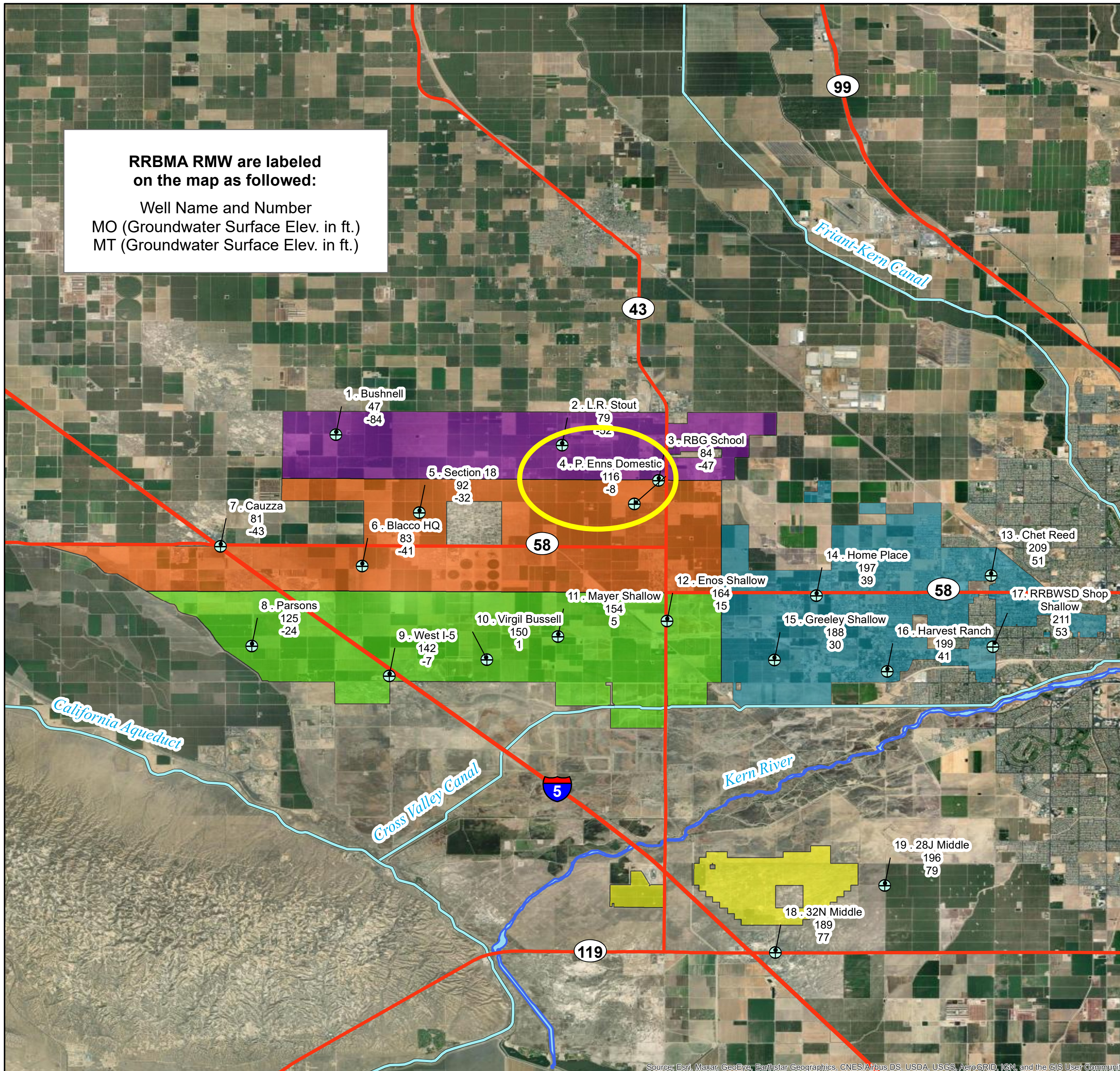
*RMW = Representative Monitoring Well  
MO = Measurable Objective  
MT = Minimum Threshold*



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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

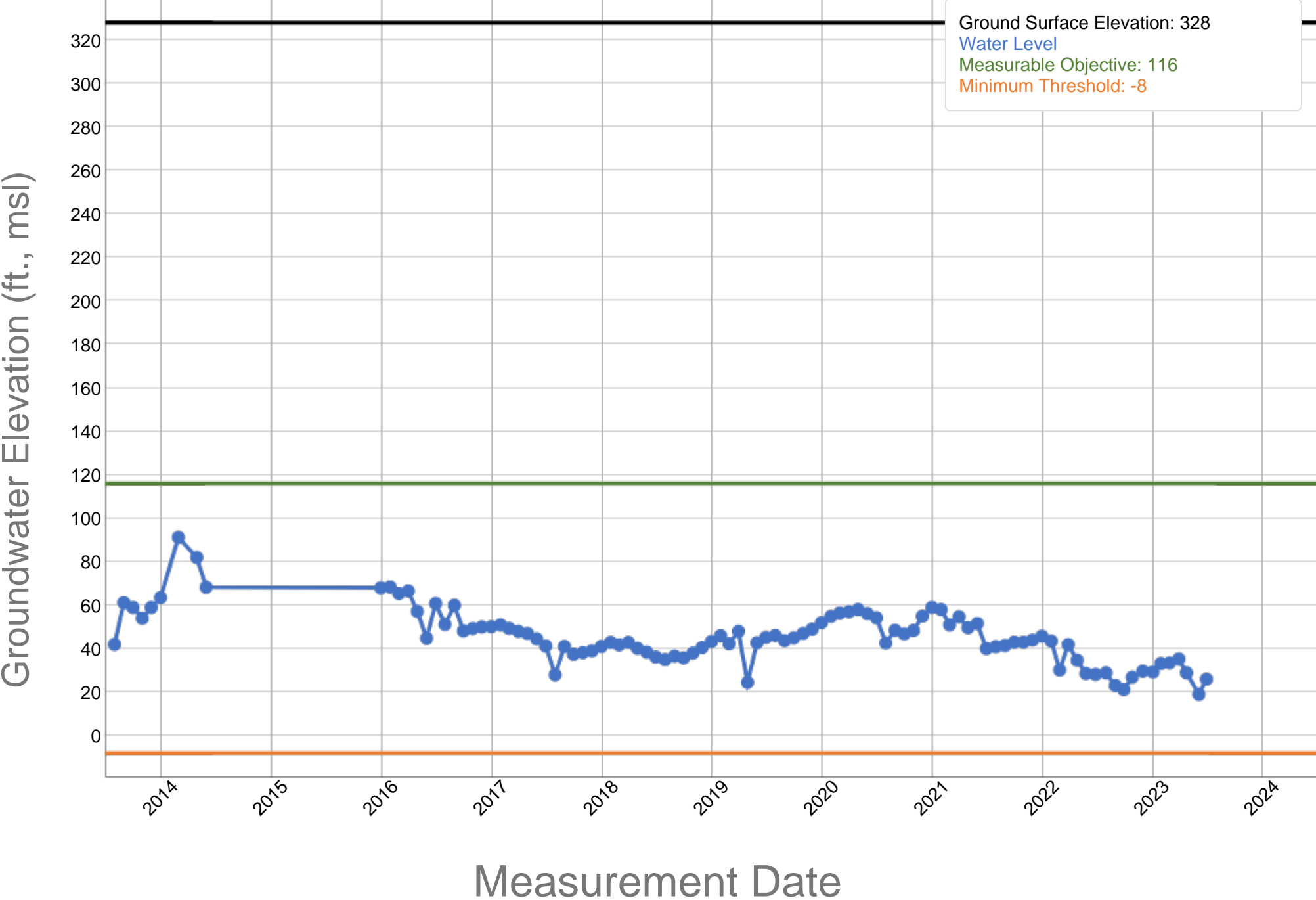
- ⊕ RRBMA RMW (Water Level)
- Major Highways
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- North Monitoring Area
- Central Monitoring Area
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- East Monitoring Area
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 MO = Measurable Objective  
 MT = Minimum Threshold*

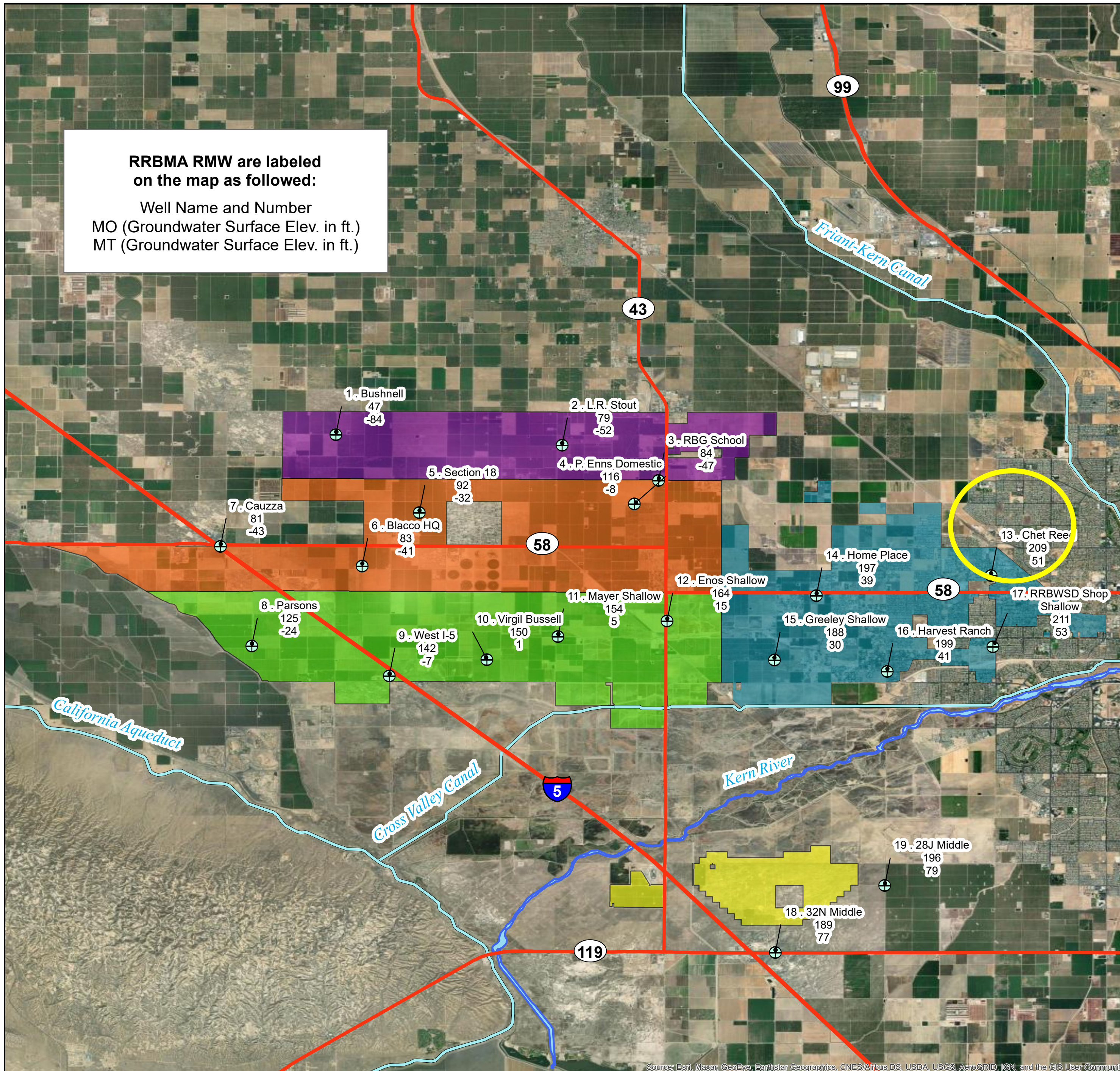




# Rosedale-Rio Bravo Water Storage District - P. Enns Domestic - 354121N1192623W001



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

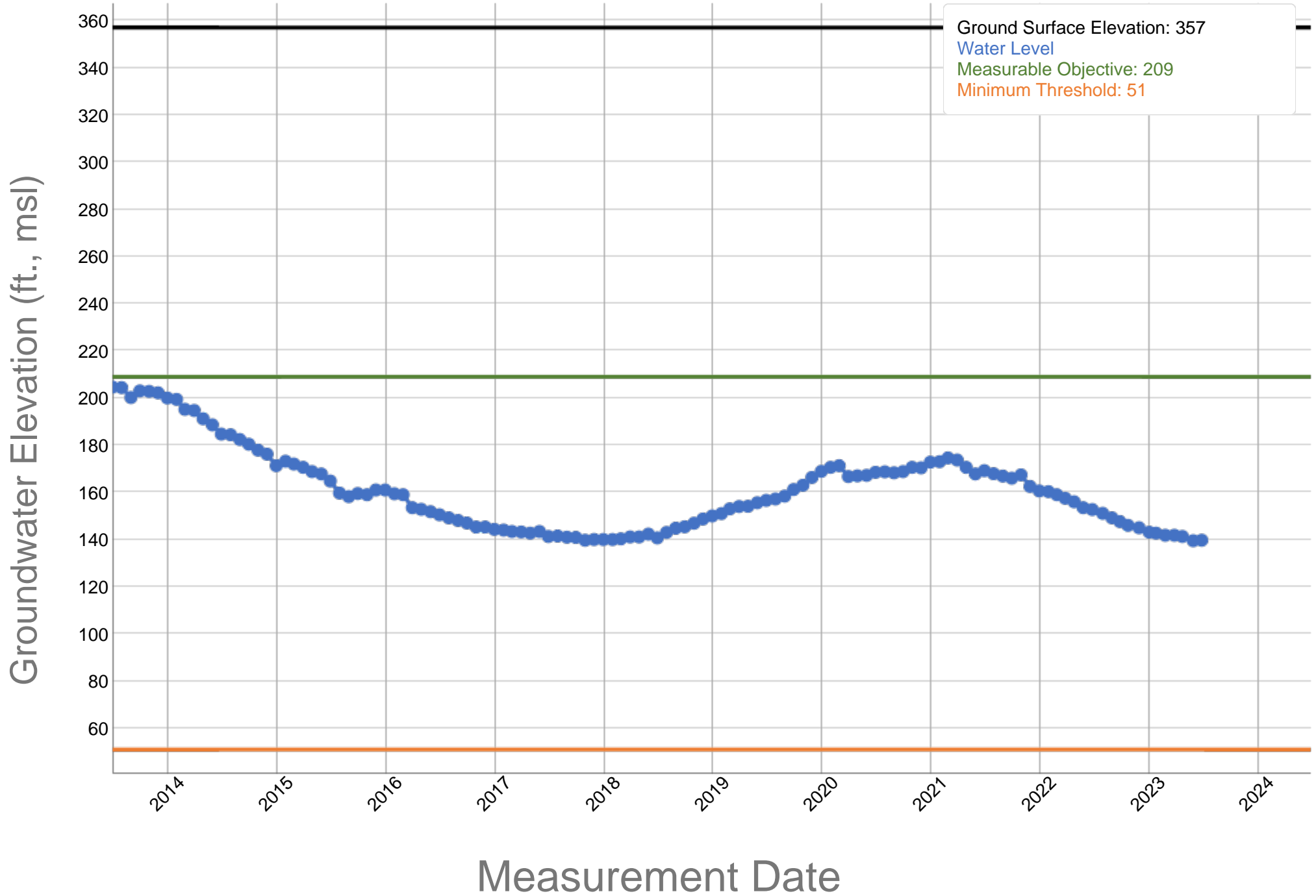
- ⊕ RRBMA RMW (Water Level)
- Major Highways
- Major Conveyance Facilities
- Kern River
- North Monitoring Area
- Central Monitoring Area
- South Monitoring Area
- East Monitoring Area
- South of the River Monitoring Area

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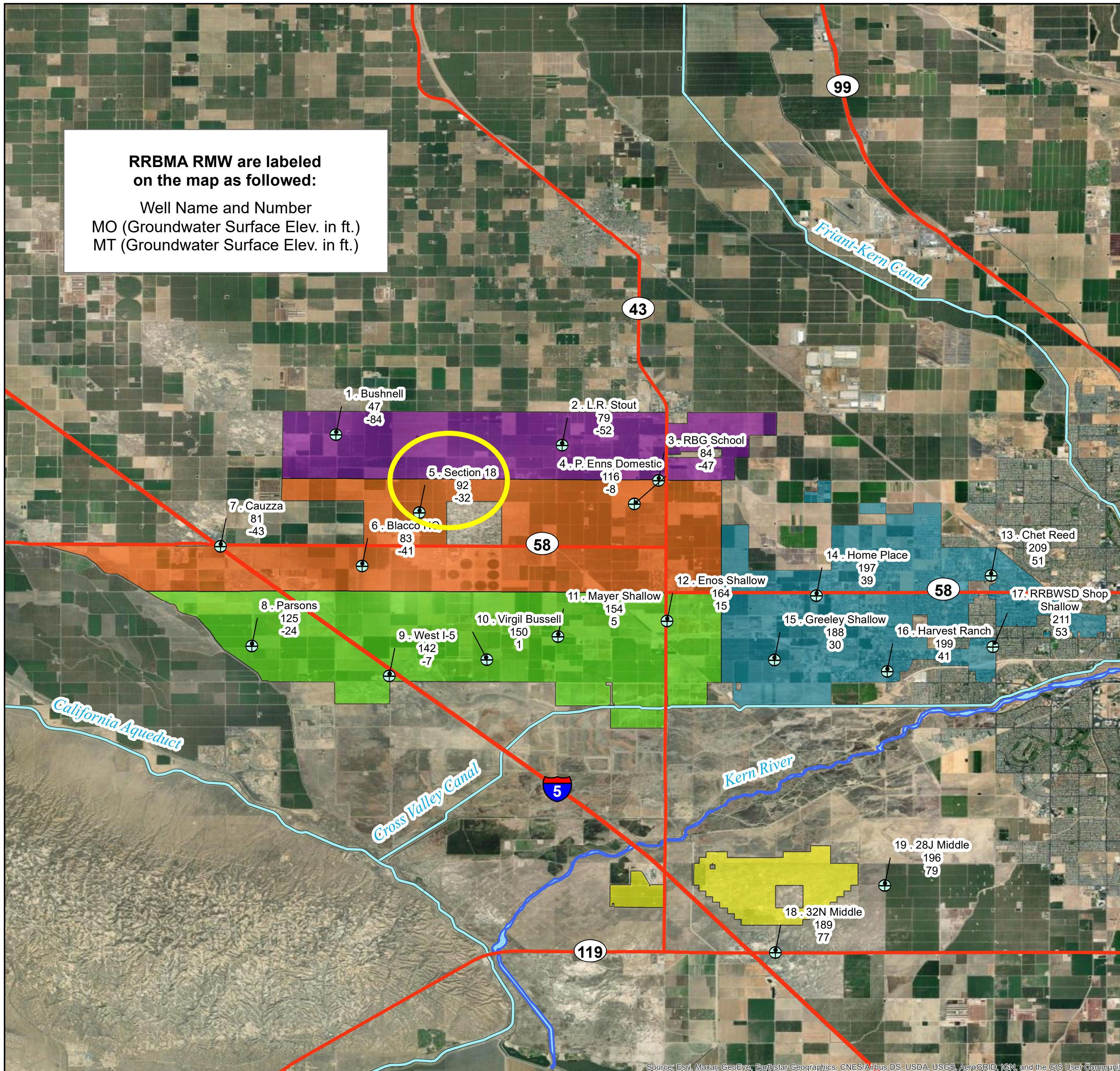


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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



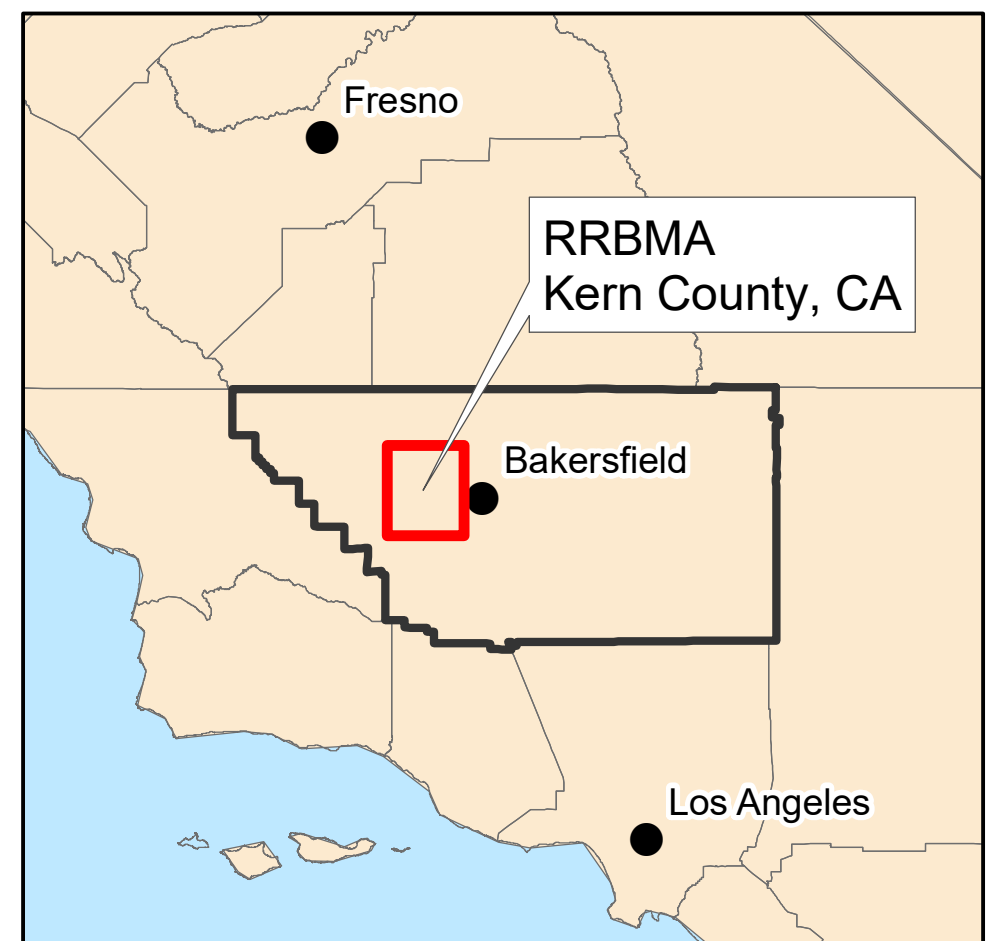
# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



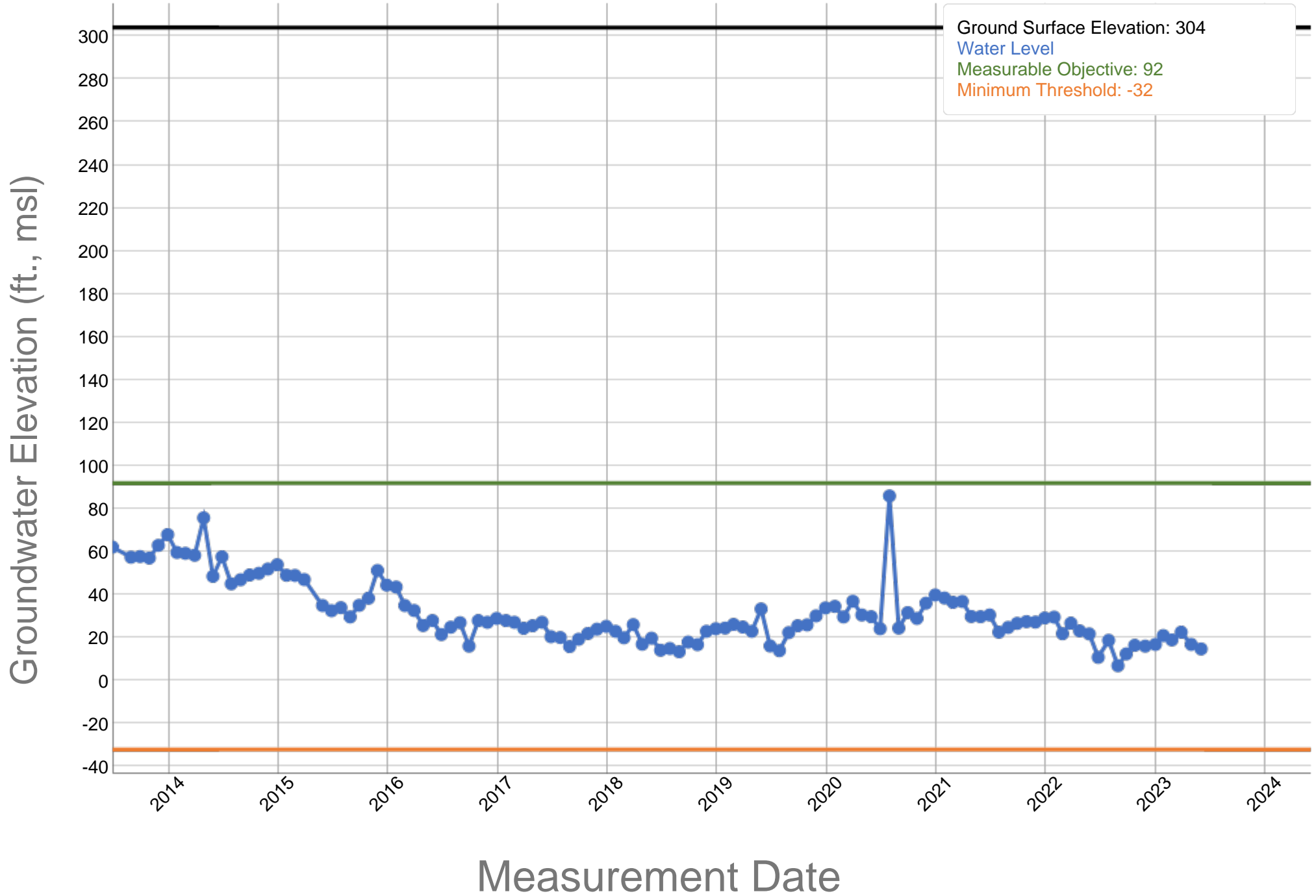
**Legend**

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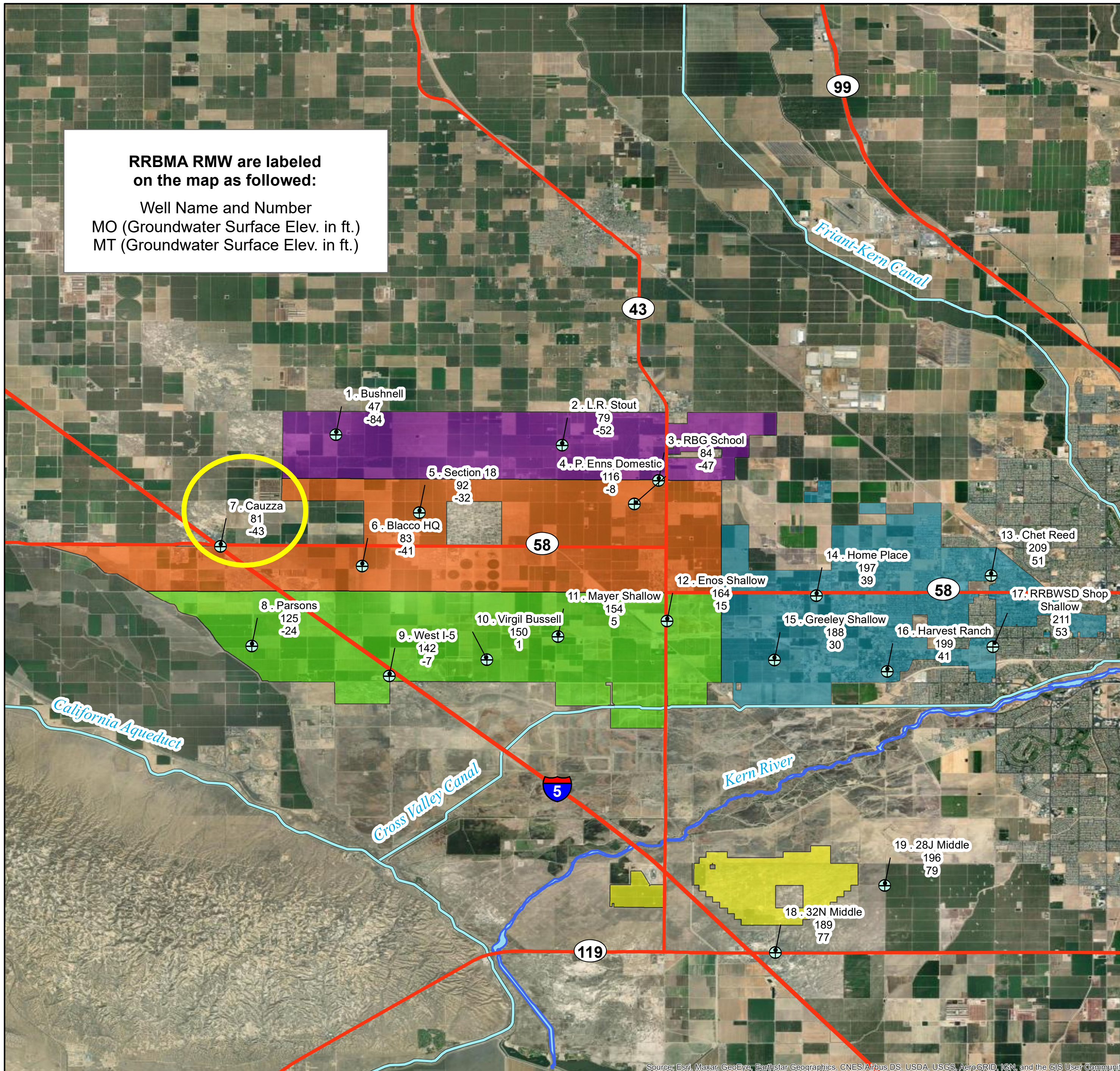
*RMW = Representative Monitoring Well  
 MO = Measurable Objective  
 MT = Minimum Threshold*



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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



**Legend**

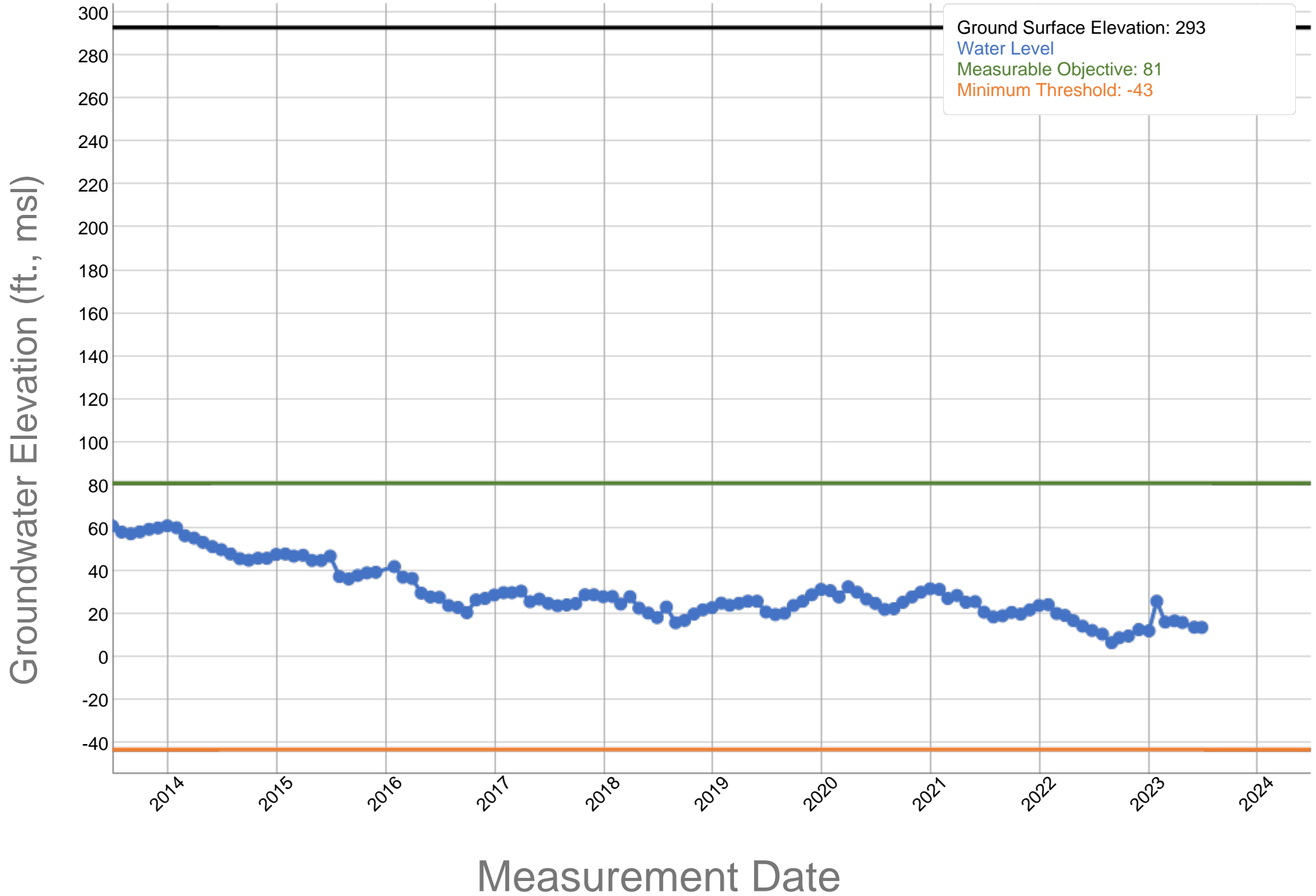
- ⊕ RRBMA RMW (Water Level)
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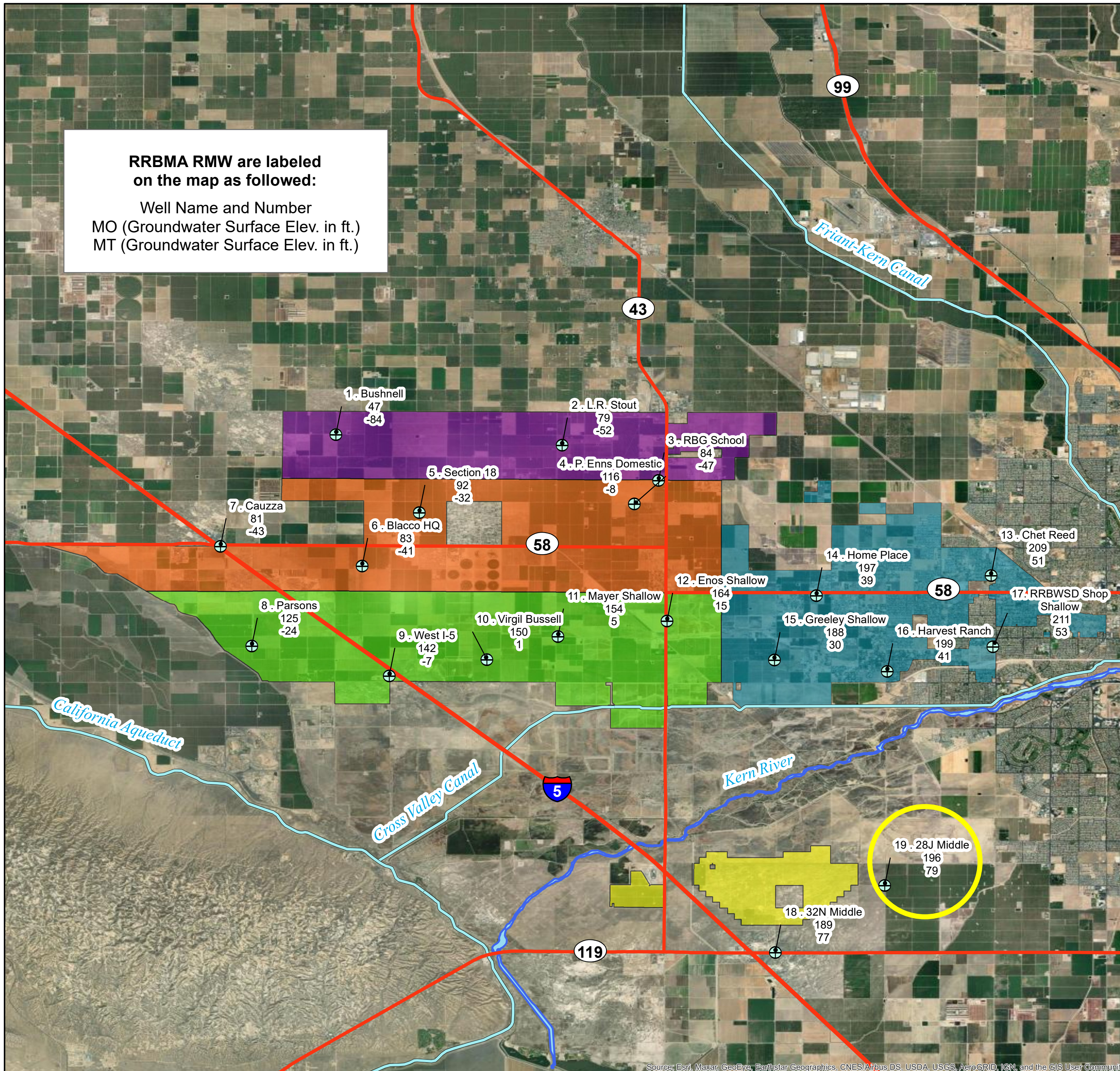


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

# Rosedale-Rio Bravo Water Storage District - 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

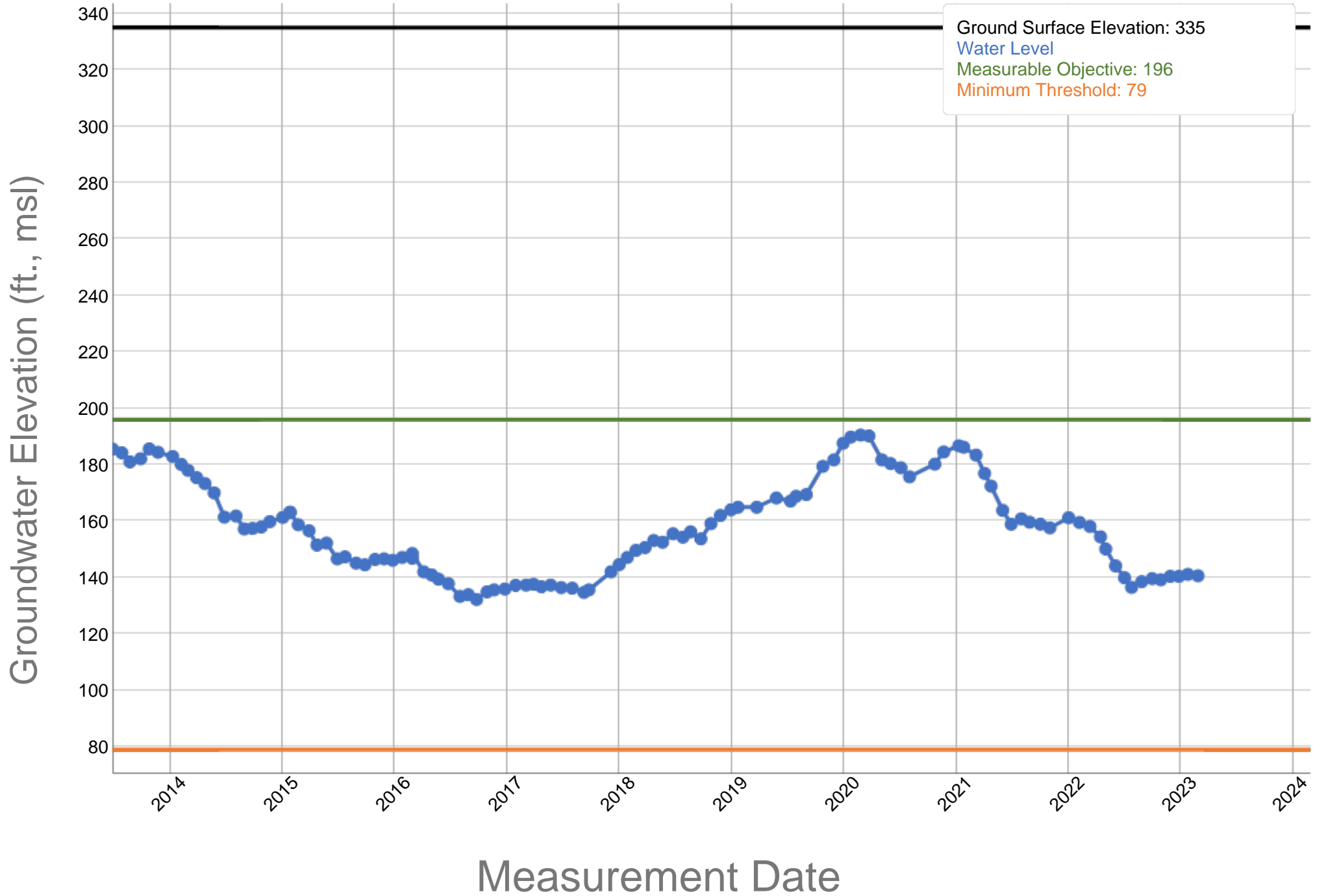
*RMW = Representative Monitoring Well  
MO = Measurable Objective  
MT = Minimum Threshold*



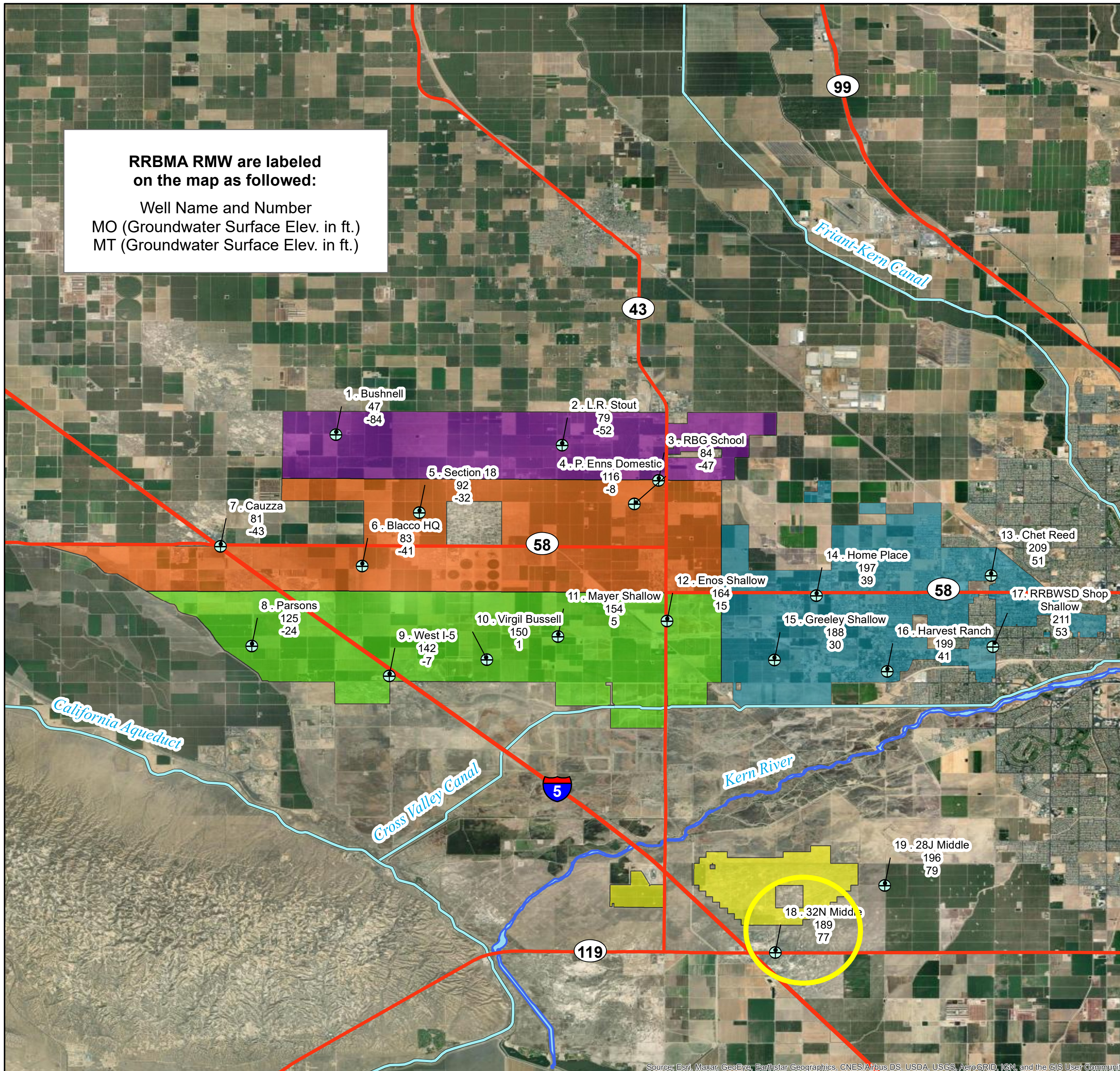
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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



# RRBMA Monitoring Areas - RMW Water Level MOs and MTs



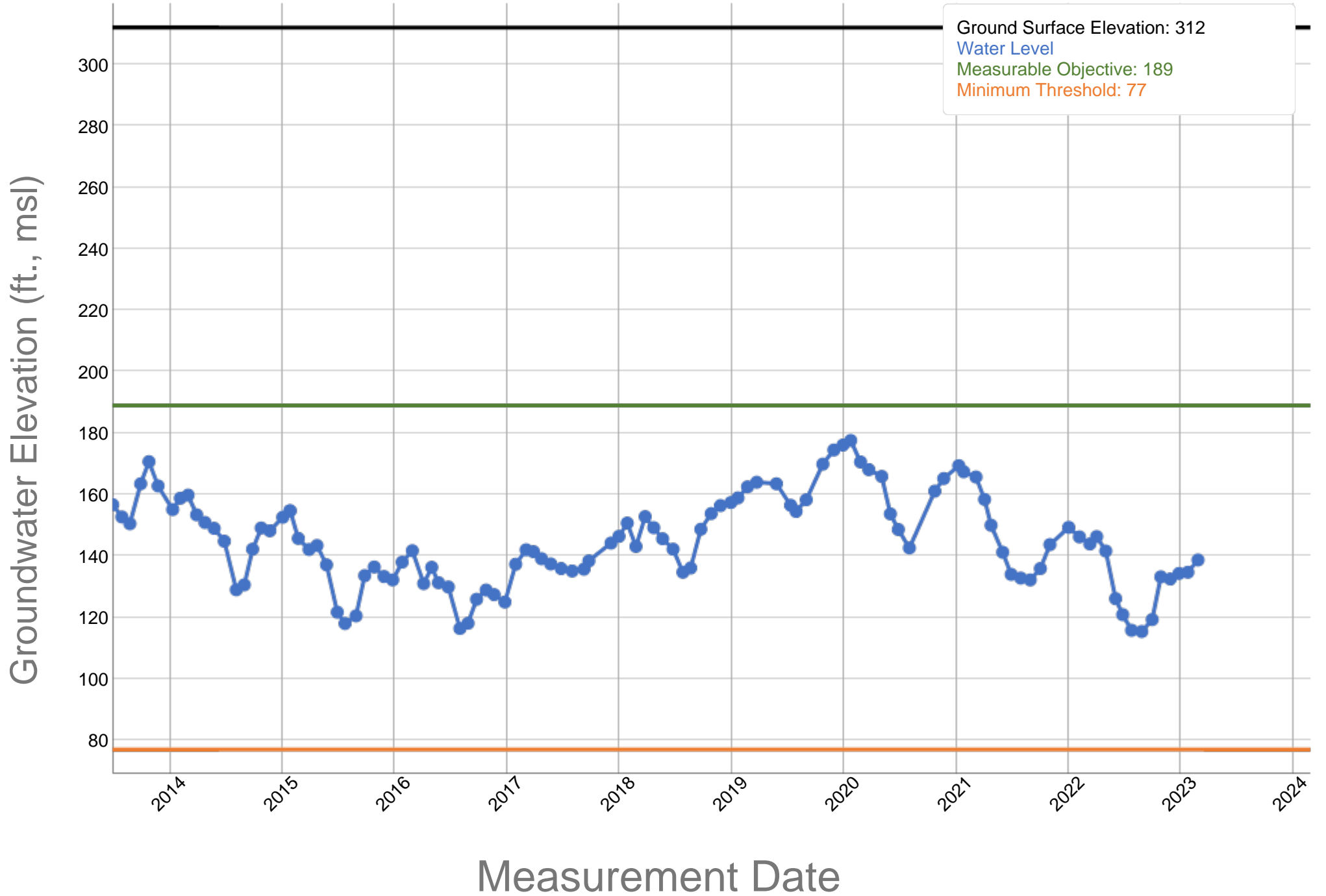
**Legend**

- ⊕ RRBMA RMW (Water Level)
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# Rosedale-Rio Bravo Water Storage District - 32N Triple - 352673N1192138W002





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

FROM: Zach Smith

DATE: July 11, 2023

RE: Maintenance Report

**Discussion:**

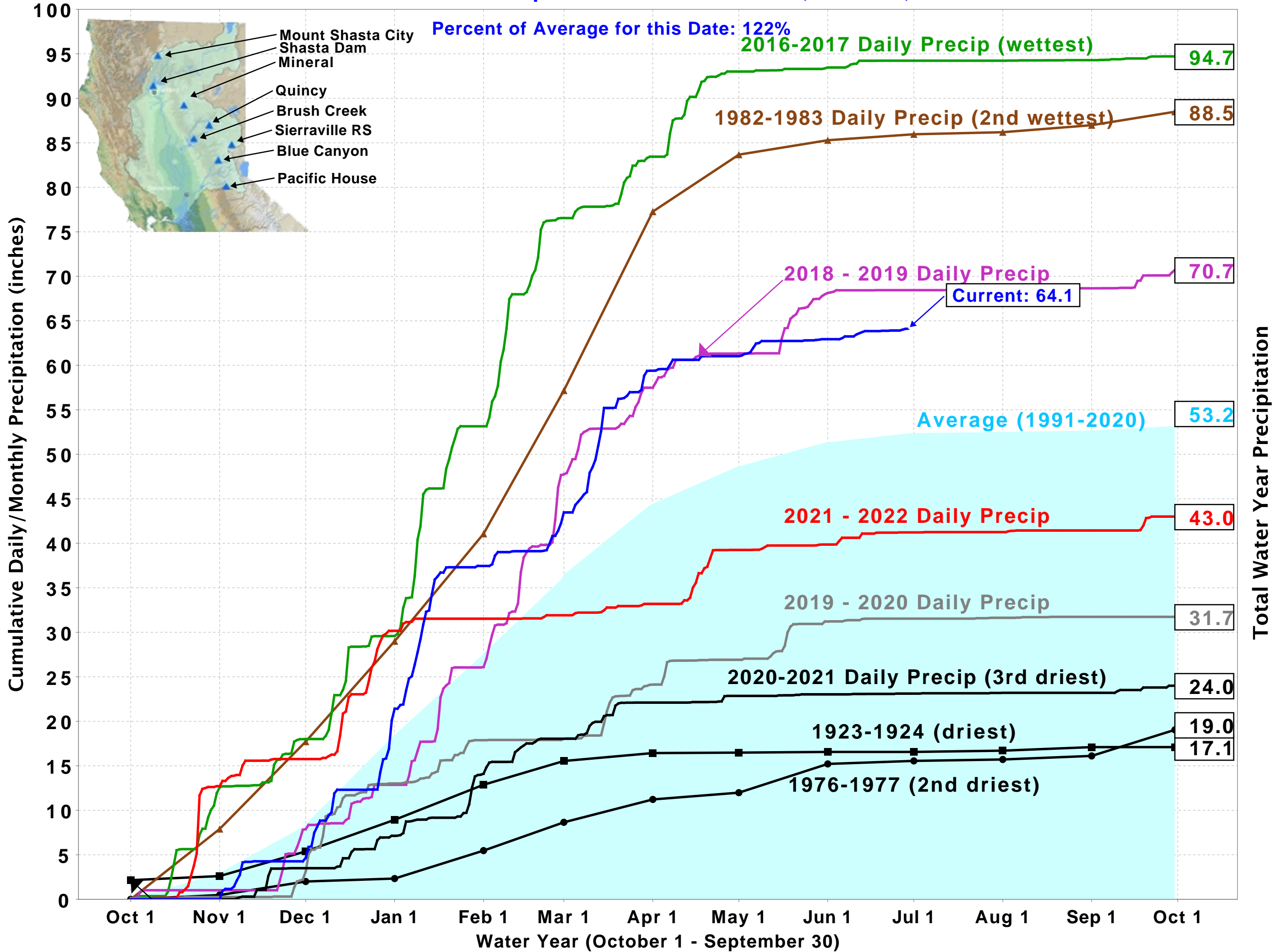
Staff worked on some maintenance items throughout the District in June. Specifically:

- Herbicide application in Superior Basin areas.
- Hand-cleaning weeds along Enns ponds.
- Backhoe used to repair multiple leaks and levees throughout District.
- Staff completed monthly cleaning of electrical panels on recovery wells.
- West Enos pumps installed.
- Installed second and third sets of distribution boxes at West Enos.

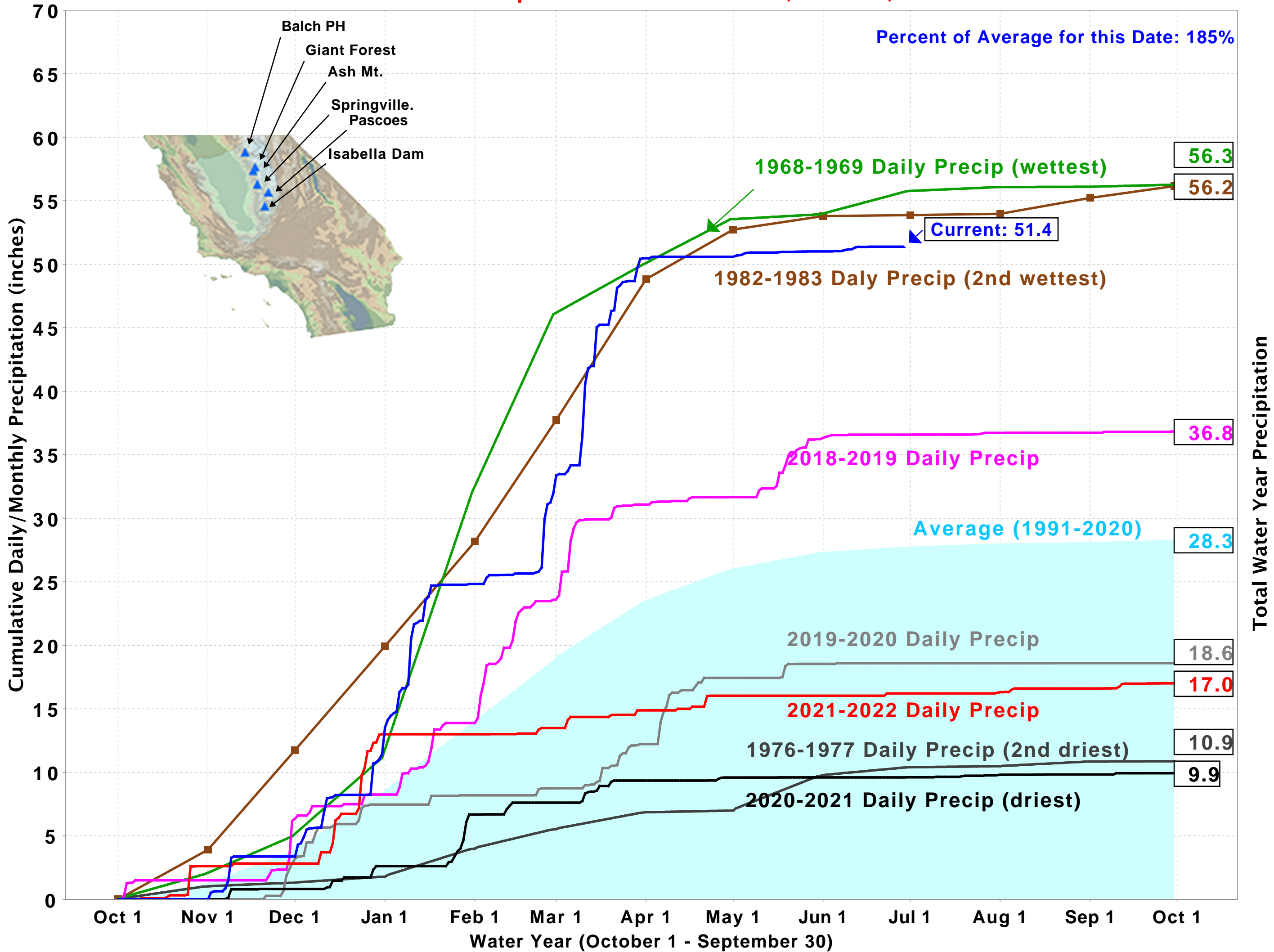


Looking southwest at West Enos pond #2.

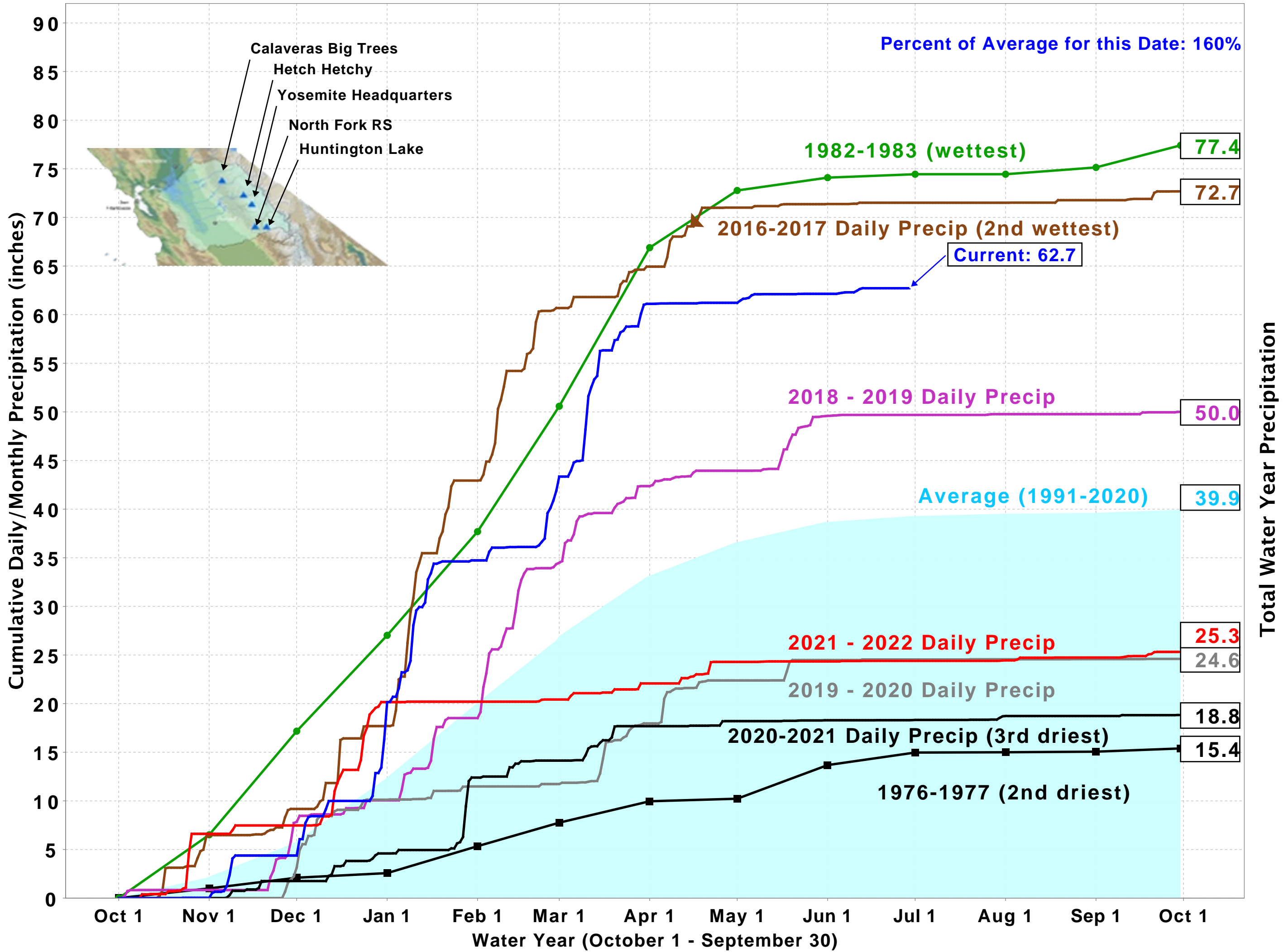
# Northern Sierra Precipitation: 8-Station Index, June 29, 2023



# Tulare Basin Precipitation: 6-Station Index, June 29, 2023

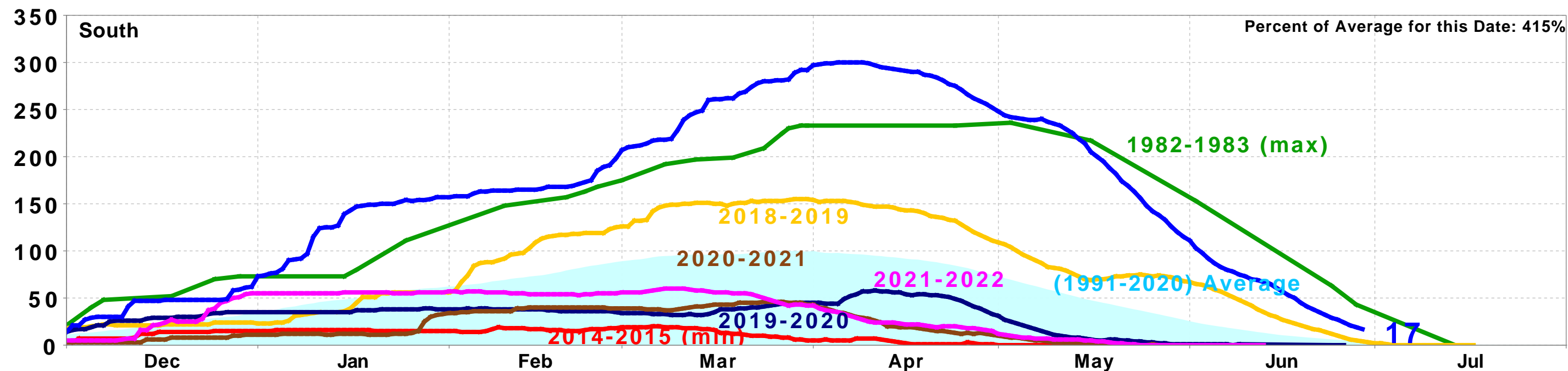
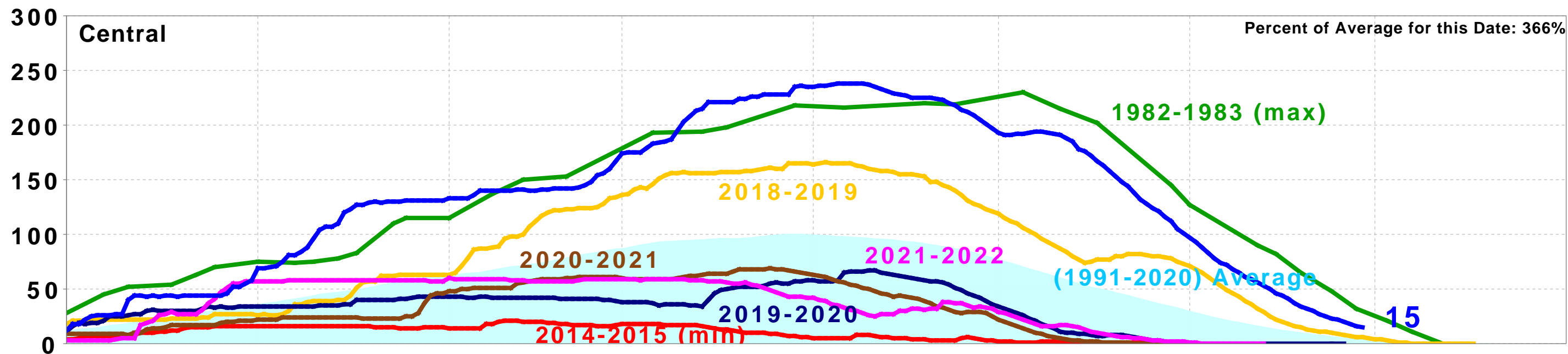
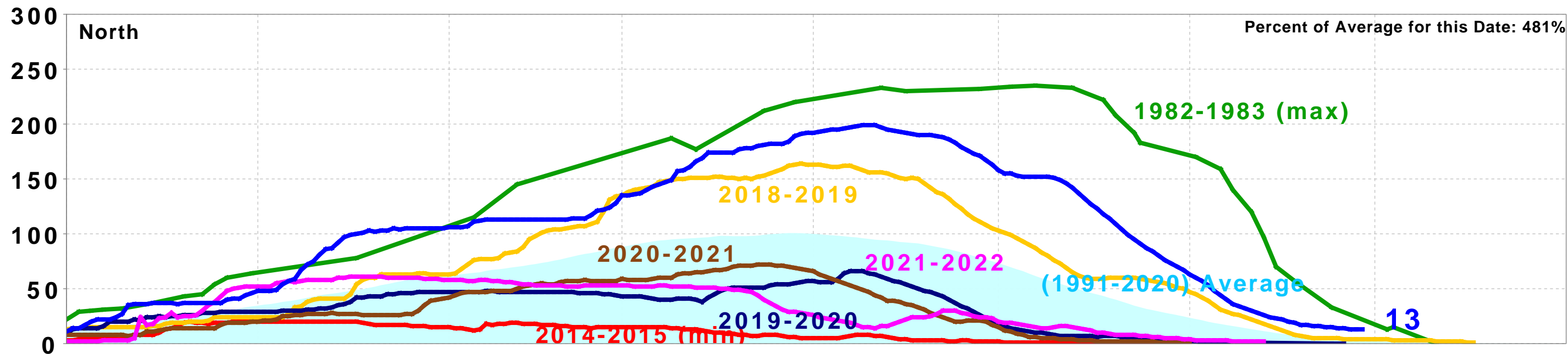


# San Joaquin Precipitation: 5-Station Index, June 29, 2023





# California Snow Water Content, June 29, 2023, Percent of April 1 Average



Statewide Percent of April 1: 15%

Statewide Percent of Average for Date: 341%

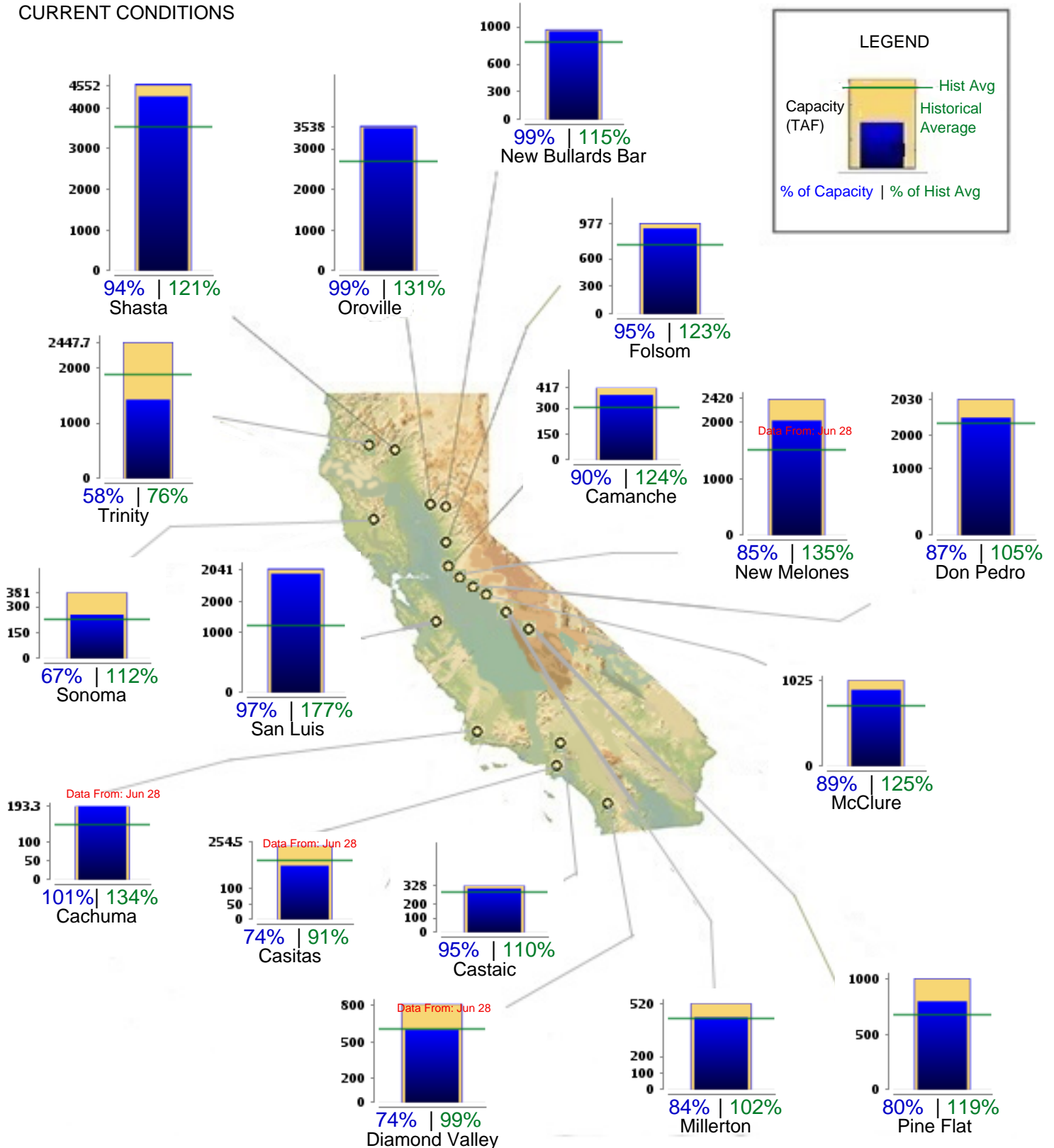


# CURRENT RESERVOIR CONDITIONS

## CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS

Midnight - June 29, 2023

### CURRENT CONDITIONS



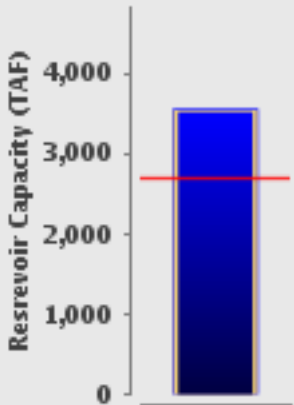


# CURRENT RESERVOIR CONDITIONS



## Lake Oroville Conditions

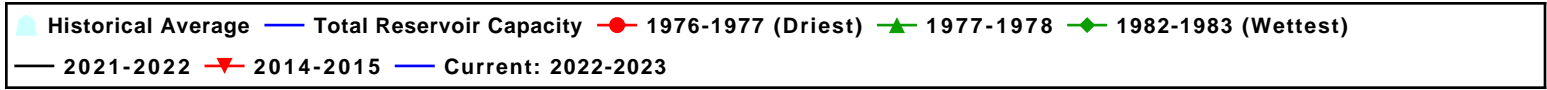
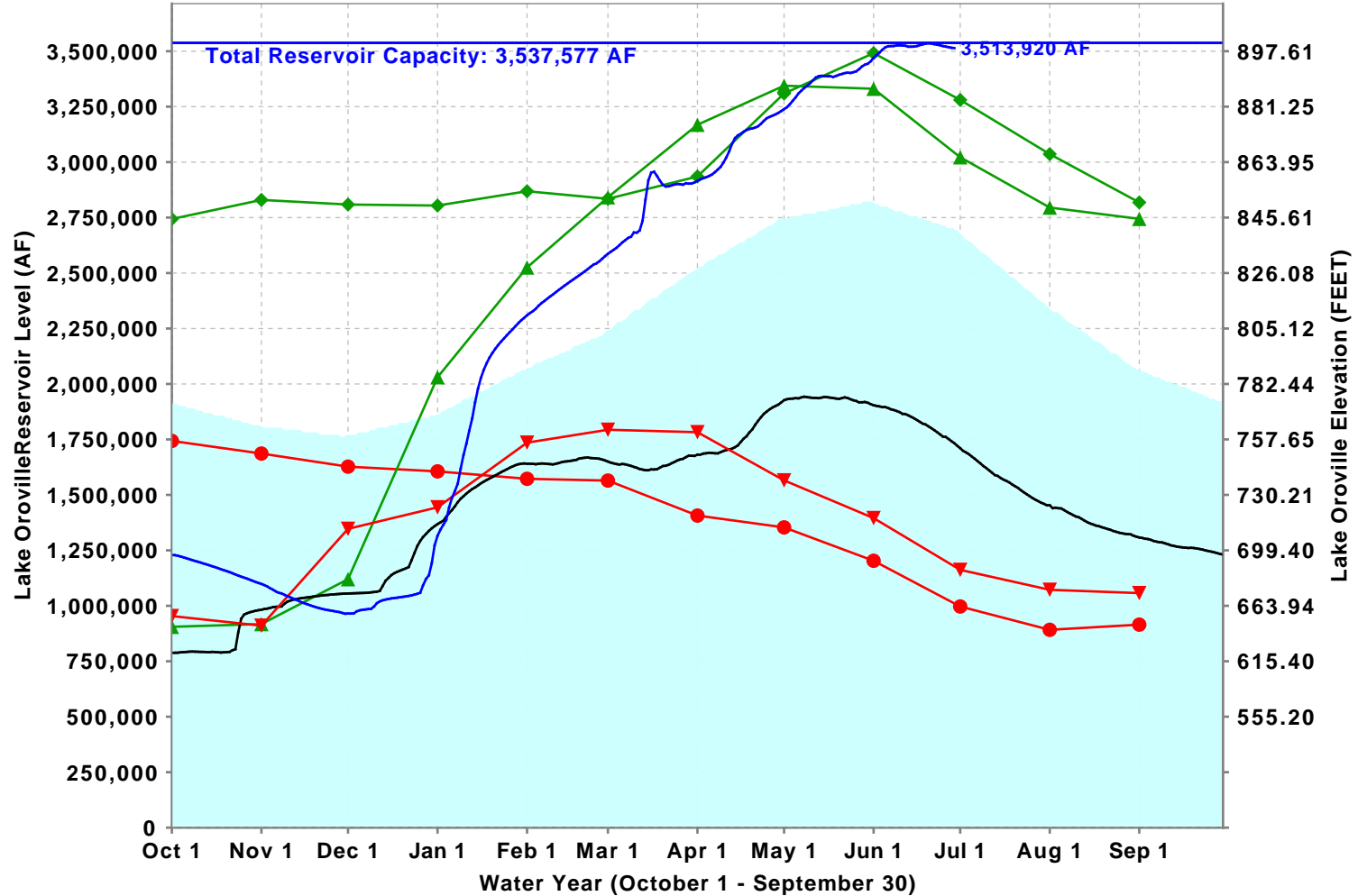
(as of Midnight - June 29, 2023)



Current Level: 3,513,920 AF

**99%** (Total Capacity) | **131%** (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight June 29, 2023



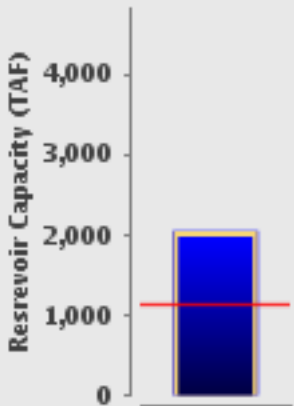


# CURRENT RESERVOIR CONDITONS



## San Luis Res Conditions

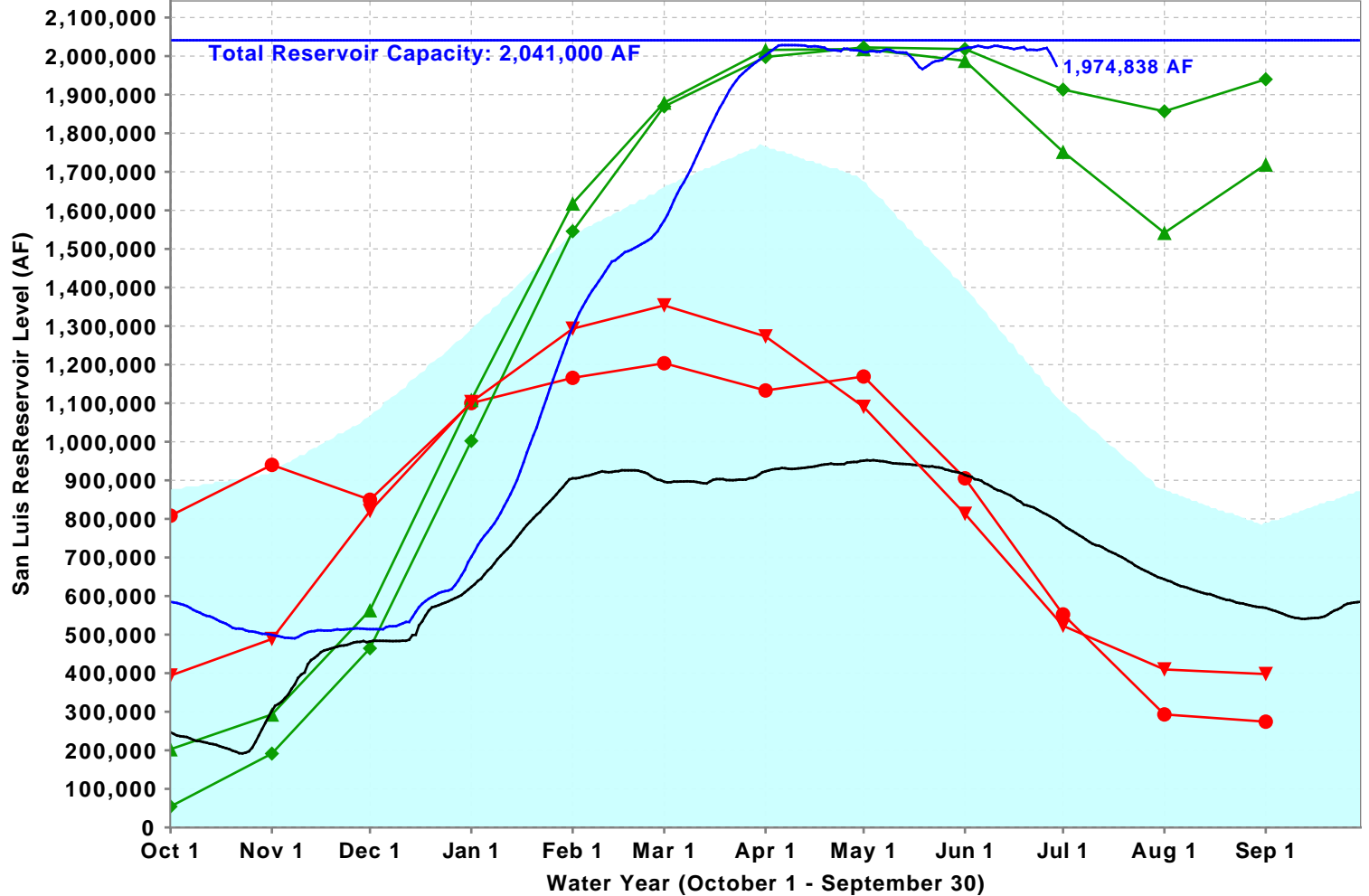
(as of Midnight - June 29, 2023)



Current Level: 1,974,838 AF

**97%** (Total Capacity) | **177%** (Historical Avg.)

San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight June 29, 2023



Potential Water Users of Kern River Water:

The Kern River-California Aqueduct Intertie (Intertie) flood control operation that commenced on May 20, 2023 has ended. No additional Kern River floodwater is being scheduled for delivery to the Intertie under current conditions.

No requests to divert Kern River floodwaters under the May 23, 2023 “Notice of Availability for Temporary Water Use of Kern River water – 2023” will be considered for processing.

Thank you all for your assistance.

L. Mark Mulkay, Kern River Watermaster

**Water User Email List:**

Arvin-Edison Water Storage District – Jeevan Muhar [.muhar@aewsd.org](mailto:.muhar@aewsd.org)  
Belridge Water Storage District -Mark Gilkey - [mgilkey@westsidewa.org](mailto:mgilkey@westsidewa.org)  
Berrenda Mesa Water District -- – Mark Gilkey- [mgilkey@westsidewa.org](mailto:mgilkey@westsidewa.org)  
Cawelo Water District – David R. Ansolabehere [dansolabehere@cawelofd.org](mailto:dansolabehere@cawelofd.org)  
Kern-Tulare Water District -- Steve Dalke- Sr. Engineer [sdalke@kern-tulare.com](mailto:sdalke@kern-tulare.com)  
Kern Water Bank Authority -- Jon Parker [jparker@kwb.org](mailto:jparker@kwb.org)  
Lost Hills Water District -- Mark Gilkey [mgilkey@westsidewa.org](mailto:mgilkey@westsidewa.org)  
Olcese Water District -- Jeff Siemens [jsiemens@nflc.net](mailto:jsiemens@nflc.net)  
Rosedale-Rio Bravo Water Storage District -- Dan Bartel [dbartel@rrbwsd.com](mailto:dbartel@rrbwsd.com)  
Semitropic Water Storage District -- Jason Gianquinto [jgianquinto@semitropic.com](mailto:jgianquinto@semitropic.com)  
Shafter-Wasco Irrigation District -- Kris Lawrence [klawrence@swid.org](mailto:klawrence@swid.org)  
Southern San Joaquin Municipal Utility District --Roland Gross [roland@ssjmud.org](mailto:roland@ssjmud.org)  
West Kern Water District --Greg A. Hammett [ghammett@wkwd.org](mailto:ghammett@wkwd.org)  
Wheeler Ridge-Maricopa Water Storage District –Sheridan Nicholas [snicholas@wrmwsd.com](mailto:snicholas@wrmwsd.com)

**L. Mark Mulkay** | Kern River Watermaster  
501 Taft Highway | Bakersfield | CA 93307  
Office: 661-834-4656  
Cell: 661-333-6981

**WATER BANKING AND EXCHANGE AGREEMENT  
BETWEEN  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
AND  
SANTA CLARITA DISTRICTS**

This *Water Banking & Exchange Agreement* (“Agreement”) is made and entered into effective as of July \_\_\_, 2023, by and between Rosedale-Rio Bravo Water Storage District, referred to herein as “Rosedale,” and Santa Clarita Valley Water Agency referred to herein as the “Santa Clarita”. Rosedale and Santa Clarita may be individually referred to herein as a “Party” and collectively as the “Parties.”

**RECITALS**

- A. Santa Clarita and Rosedale have rights and/or access to California Department of Water Resources (DWR) State Water Project (SWP) supplies, including Article 21 supplies, and other high-flow supplies in 2023;
- B. In 2023, Santa Clarita anticipates needing additional recharge capacity for its 2023-2024 SWP supplies to avoid possible loss of said water including possible spill of carry-over water from San Luis Reservoir. Rosedale anticipates having recharge capacity available in its own groundwater recharge and banking program and anticipates having sufficient capacity to take Santa Clarita’s SWP supplies;
- C. Rosedale and Santa Clarita desire to enter into a 2:1 exchange program whereby for every 2 acre-feet of SWP water delivered to Rosedale in-district by Santa Clarita (“Recharge Water”), Rosedale shall bank and return 1 acre-foot of water (minus applicable conveyance losses and losses pursuant to terms of the customary Memorandum of Understanding applicable to banking projects in the area) (“Return Water”) to Santa Clarita at the point of delivery designated hereunder;
- D. Rosedale and SCVWA have entered into a point of delivery agreement with the Department of Water Resources (“DWR”) and the Agency to facilitate the delivery of water under this Agreement: and
- E. Rosedale and SCVWA have determined that the exchange provided for in this Agreement is exempt from the California Environmental Quality Act (“CEQA”) pursuant to the State CEQA Guidelines, including but not limited to Sections 15061(b)(3) and 15301.

Now, therefore, incorporating the foregoing recitals herein, the Parties agree to a water exchange subject to the following terms and conditions:

1. **Term:** The term of this Agreement shall be from August 1, 2023 through December 31, 2033. The delivery of Recharge Water to Rosedale by Santa Clarita shall be completed by December 31, 2023 (“Recharge Water Term”). Rosedale’s delivery of Return Water to the Santa Clarita shall be completed by December 31, 2033 (“Termination Date”).

2. **Delivery of Santa Clarita Recharge Water to Rosedale**

a. **Recharge amount:** During the Recharge Water Term, and subject to Rosedale’s determination as to available capacity within Rosedale’s water management programs, Rosedale shall make efforts to take delivery of up to 20,000 acre-feet of Recharge Water as requested by the Santa Clarita. Upon delivery of Recharge Water to Rosedale, Rosedale shall recharge such water in its groundwater banking program and account to the Santa Clarita for an amount of water equal to 1 acre-foot of Return Water for every 2 acre-feet of Recharge Water delivered to the Point of Delivery hereunder; Santa Clarita shall be responsible for all applicable conveyance losses pursuant to terms of the customary Memorandum of Understanding applicable to banking projects in the area, which for the program described in this Agreement are estimated to be 15% (with Return Water minus losses being referred to as the “Final Return Amount”). By way of example, if Santa Clarita delivers 1,000 acre-feet of Recharge Water to Rosedale, Rosedale shall be responsible for banking and returning 425 acre-feet of water to Santa Clarita. Notwithstanding any other provision of this Agreement, any delivery of Recharge Water to Rosedale or any recovery and return of water by Rosedale to Santa Clarita made hereunder shall not, in Rosedale’s sole discretion, impair or impact Rosedale’s current or future water management programs and commitments, or reduce the water supply benefits available to Rosedale from its current or future water management programs or commitments; all such programs and commitments may, in Rosedale’s sole discretion, take precedence over any deliveries made hereunder.

b. **Recharge Point of delivery:** The Point of Delivery for Recharge Water (“Recharge POD”) delivered to Rosedale by Santa Clarita shall be the Tupman Turnout of the California Aqueduct in Reach 12E. Rosedale shall subsequently convey the Recharge Water within the Cross Valley Canal (“CVC”) to a designated Rosedale turnout off the CVC, likely to be the Rosedale Central Intake Turnout in Pool 3 of the CVC. Santa Clarita is responsible for the Recharge Water (including all losses) until it reaches the Recharge POD.

c. **Scheduling:** Upon execution of this Agreement, Santa Clarita shall promptly submit to Rosedale an estimated schedule identifying the rates and quantities of water anticipated to be available for recharge. Santa Clarita shall be responsible for submitting schedules to Rosedale for Recharge Water to be conveyed to Rosedale under this Agreement; Rosedale shall be responsible for submitting such scheduled to the Agency as required.

### 3. Delivery of Return Water to Santa Clarita

a. **Return Water amount:** Rosedale shall return to Santa Clarita an amount of Return Water in the future equal to the Final Return Amount, which shall be determined by the Parties on or before March 31, 2024.

b. **Return Point of delivery:** The Point of Delivery for Return Water (“Return POD”) to Santa Clarita shall be the Tupman Turnout of the California Aqueduct in Reach 12E, or at any other mutually agreeable point of delivery available to Rosedale or Santa Clarita.

c. **Scheduling:** Santa Clarita shall make a request for Return Water no later than April 1 of the year in which it desires that Rosedale return water. Within 30 days of receipt of a request for Return Water, Rosedale shall advise Santa Clarita whether Rosedale has sufficient capacity within its water management programs available to meet the request. In any year that Rosedale delivers Return Water to Santa Clarita, Santa Clarita will assign to Rosedale its first priority use of the Drought Relief Wells in order to make the requested deliveries, and Rosedale will make available to Santa Clarita at least an amount of water equal to Santa Clarita’s capacity right from the Drought Relief Wells for the remainder of the year. The “Drought Relief Wells” are those well that were constructed pursuant to the *Drought Relief Project Cost Share Agreement*, dated March 9, 2015.

d. In the event Rosedale is unable to deliver the Final Return Amount to Santa Clarita by the Termination Date, Santa Clarita at its option and in its sole discretion may elect one of the following by written notice to Rosedale:

i. Extend the term for delivery of Return Water an additional five (5) years; or

ii. Require Rosedale to purchase the balance of Return Water not delivered to Santa Clarita by reimbursing Santa Clarita its actual cost for each acre foot of undelivered Return Water based upon Santa Clarita’s 2023 SWP rate (Delta water charge and OMP&R).

### 4. Costs:

a. **Santa Clarita Costs:** Santa Clarita shall be responsible for the following costs:

- 1) All costs to acquire Recharge Water, if any.
- 2) All transportation costs incurred for conveying Recharge Water to the Recharge POD, including actual energy costs associated with conveying the water within the CVC to the Recharge POD, actual power costs associated with Rosedale conveying the water to recharge facilities (if any), and any CVC excess wheeling costs. Estimated CVC power charge is \$6 per acre foot, with an estimated three CVC pumping plants required to convey water to the specified Rosedale CVC turnout



specified in Section 2.b. If additional CVC pumping plants are required, Rosedale shall confirm that Santa Clarita desires to make such water deliveries and incur additional costs.

- 3) Santa Clarita shall reimburse Rosedale for any excess wheeling charges invoiced to Rosedale by the KCWA for conveyance of Recharge Water in the CVC above that which is allocated to Rosedale. Such reimbursement shall be based upon actual charges, if incurred. Rosedale shall confirm that Santa Clarita consents to incur such additional costs prior to making deliveries which result in excess wheeling charges.
- 4) Santa Clarita shall pay Drought Relief Well power costs for a quantity of water equivalent to amount of Return Water delivered to the Return POD.
- 5) All KCWA transaction fees and any costs associated with any other permits and/or approvals required to implement this Agreement.

b. **Rosedale Costs:** The program described in this Agreement shall be at no cost to Rosedale, excepting only the cost of administering this program (e.g., staff costs for recharge and accounting of water supplies).

c. **Other Costs:** This Agreement identifies the total anticipated costs of the exchange. Absent express written consent, no party shall be required to pay any costs other than those identified herein.

## 5. **Miscellaneous Provisions:**

a. **Approvals:** The Parties recognize that the delivery of water under this Agreement is subject to the approval of various agencies and the Parties shall cooperate to secure any and all necessary approvals for implementation of this Agreement. Notwithstanding the foregoing, Rosedale and Santa Clarita shall each be responsible for any CEQA compliance that is required to effectuate their respective participation in the transactions contemplated by this Agreement.

b. **Further Performance:** The Parties shall cooperate with, and assist one another, in obtaining any approvals which are necessary to affect the exchange contemplated by this Agreement; in the event the Parties cannot timely obtain the necessary approvals, this Agreement shall become null and void and the Parties shall have no further obligations hereunder. In addition, each Party agrees to perform any further acts and to execute and deliver any documents which may be reasonably necessary to carry out the provisions of this Agreement.

c. **Indemnification:** Rosedale agrees to indemnify, defend and hold Santa Clarita free and harmless from all claims, demands, losses, costs, expenses, obligations, liabilities, damages, recoveries and deficiencies, including interest penalties, attorney's fees (with counsel selected by Santa Clarita) and costs, that Santa Clarita may incur as a result of Rosedale's delivery and recharge of Santa Clarita's Recharge Water past the Recharge POD.

Santa Clarita agrees to indemnify, defend and hold Rosedale free and harmless from all claims, demands, losses, costs, expenses, obligations, liabilities, damages, recoveries and deficiencies, including interest, penalties, attorney's fees (with counsel selected by Rosedale) and costs, that Rosedale may incur as a result of Santa Clarita's delivery or use of Return Water beyond the Return Water POD, or that arises out of or is related to Santa Clarita's delivery of Recharge Water prior to the Recharge POD, or that arises out of or is related to the recovery of the Return Water for Santa Clarita.

d. **Amendments:** This Agreement may be supplemented, amended or modified only by the agreement of the Parties. No supplement, amendment or modification shall be binding unless it is in writing and signed by both Parties.

e. **Ambiguities:** The provisions of this Agreement shall be construed as to their fair meaning, and not for or against any Party based upon the attribution to such Party as the source of the language in question. The Parties agree that California Civil Code section 1654 shall not apply to the interpretation of this Agreement.

f. **Integration:** This Agreement represents the entire understanding of the Parties as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder.

g. **Due Authority:** Each person signing this Agreement represents that he/she has full power and authority to do so, and that his/her signature is legally sufficient to bind the Party for which he/she is signing.

In witness whereof, the parties hereto have caused this Agreement to be executed the day and year first above written.

**Rosedale-Rio Bravo Water Storage District**

By: \_\_\_\_\_  
Trent Taylor, Water Resources Manager

**Santa Clarita Valley Water Agency**

By: \_\_\_\_\_  
Matt Stone, General Manager



JULY 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 # 5 OBJECTIVES	PRIORITY	STATUS	OWNER
Create standard SOPs for critical responsibilities.	MEDIUM	NOT STARTED	Rachelle
Determine critical responsibilities where cross-training is necessary and develop training procedures, protocols, and plans.	MEDIUM	NOT STARTED	Megan
Implement regular Staff Meetings to improve communication.	HIGH	IN PROGRESS	Dan
Better understand aspects of each team member's personality so we can continue to operate at a high level. Utilize LeaderGov's DISC personality assessment services.	LOW	IN PROGRESS	Rachelle

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

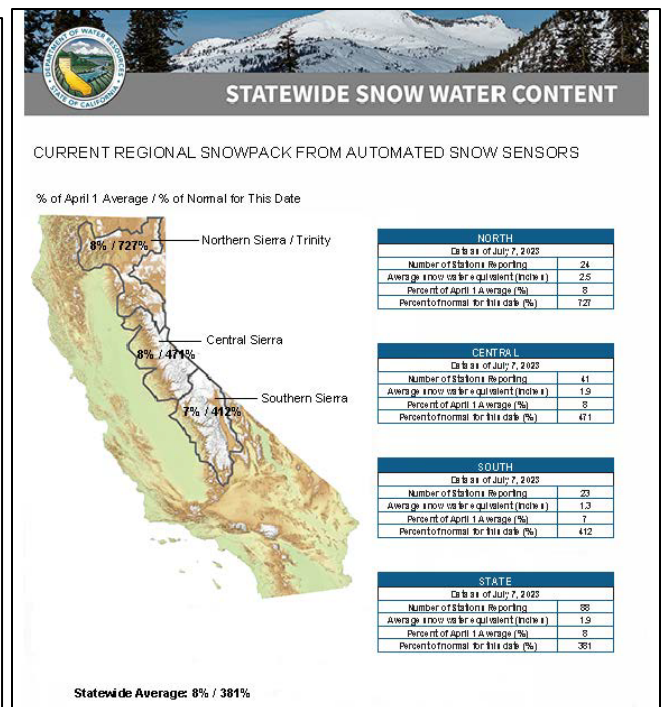
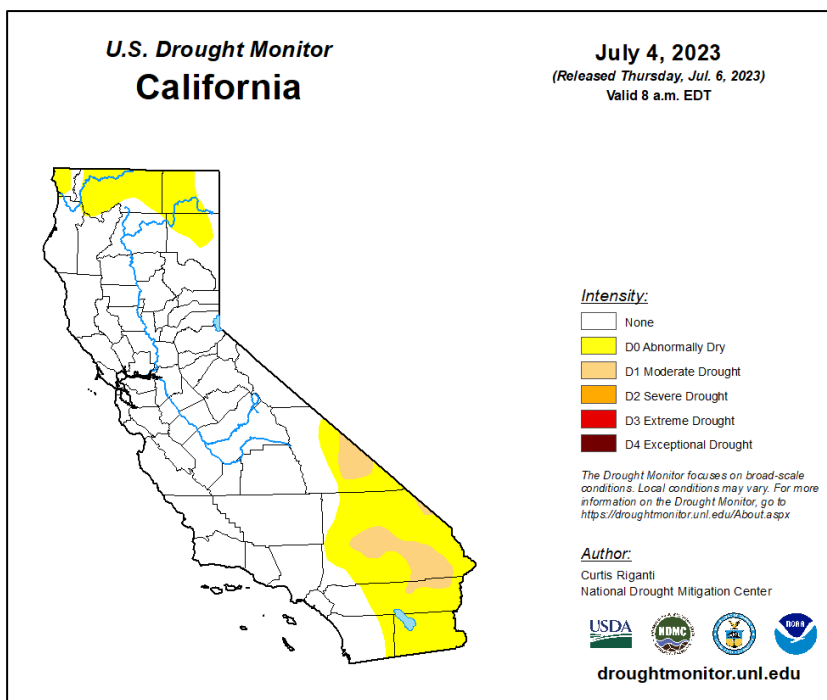
FROM: Rachelle Echeverria

DATE: July 11, 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 the record amounts of snow earlier this year, California’s statewide snow water content has been significantly above normal, and major California reservoirs are nearing capacity with continuing snowmelt. 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. These conditions have temporarily pulled California out of a major drought, and managing these available water supplies provides an opportunity for groundwater recharge necessary for maintaining drought resilience. 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 emergency. 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.

# CEQA Practice

Specialized Certificate

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## About the CEQA Practice Program

EXPLORE PROGRAM

Overview 

The California Environmental Quality Act (CEQA) is one of California's most significant environmental laws. The law requires state and local agencies to analyze environmental impacts of a proposed project and adopt feasible alternatives and mitigation measures to avoid or substantially reduce significant impacts.

The CEQA Practice certificate is designed to offer professionals a unique opportunity to gain the knowledge and practical skills vital to their practice. Coursework will offer project-based work as a central focus of training in order for students to develop a portfolio of work that can be shared with potential employers or clients.

### Program Objectives

- Learn to effectively navigate CEQA law and process
- Research, analyze, and draft EIRs and other key documents
- Learn about updates on CEQA Guidelines
- Manage CEQA projects and teams
- Learn how to engage effectively with stakeholders
- Apply tools to minimize time and expense related to the environmental review process

FORMAT: Online

All courses are offered fully online



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ESTIMATED COST: \$2,280

Cost may vary due to elective course selection

---

DURATION: 12 months

Certificate can be completed in one year or less

## CONTACT

Department: Science & Technology

Phone: 858-246-3029 (tel:858-246-3029)

Email: [unex-environmental@ucsd.edu](mailto:unex-environmental@ucsd.edu) (mailto:unex-environmental@ucsd.edu)

## Courses

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Delivery Method

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## Required Courses



### California Environmental Quality Act (CEQA)

BUSA-40739

Units: 2.00

\$495



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### Advanced CEQA

ENVR-40009

Units: 3.00

\$595

## Elective Courses (Choose Two)



### CEQA in Practice

ENVR-40010

Units: 2.00

\$495



### Writing Effective CEQA Documents

ENVR-40008

Units: 2.00

\$495



### CEQA Project Management

ENVR-40011

Units: 3.00

\$595



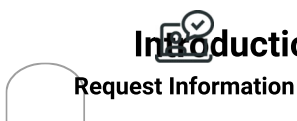
### Introduction to NEPA

ENVR-40017

Units: 3.00

\$595

## Other Courses of Interest



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Units: 3.00 \$595



### Industrial Stormwater Compliance Workshop

BIOL-80002

Units: 0.00 TBD

## Industry Certification

AICP members can earn Certification Maintenance (CM) credits for select courses. For a list of additional UC San Diego Extension AICP CM Events go to [American Planning Association \(https://www.planning.org/cm/\)](https://www.planning.org/cm/).

## Contact Information

Stefania Wright at [unex-environmental@ucsd.edu](mailto:unex-environmental@ucsd.edu) (<mailto:unex-environmental@ucsd.edu?subject=Sustainability%20&%20Behavior%20Change>).

## Conditions for Admission

CEQA Practice is designed for consultants, developers, planners, local officials, lawyers and other environmental professionals who seek a clear understanding of CEQA law as they work on land use development and planning projects throughout California.

## Next Steps Experience



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# nature careers California

Nature Careers California was launched to deliver a regional resource for scientists to manage and develop their careers with tailored advice, content and opportunities, offering them vital support throughout their working life.

The hub will become the number one destination for scientists to build a community to share information, knowledge and content. It includes job roles, events and seminars, funding opportunities, programs and information across all science disciplines.

## Related Documents

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Brochure (<https://extendedstudies.ucsd.edu/getattachment/Programs/CEQA-Practice/CEQA-Practice-Brochure.pdf.aspx>)

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## Advisory Board

---

### **Kristin Blackson**

Senior Project Manager  
Harris & Associates

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### **Betty Dehoney**

Vice President  
HDR

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### **Carey Fernandes**

Principal  
  
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Dudek

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**Mindy Fogg**

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Associate Professor, Environmental Engineering  
UC San Diego

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**Alyssa Muto**

Deputy Director of Environment and Policy Analysis  
City of San Diego

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**Heather Riley, Esq.**

Partner  
Allen Matkins Leck Gamble Mallory & Natsis LLP

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**Margaret Sohagi, Esq.**

Principal  
The Sohagi Law Group

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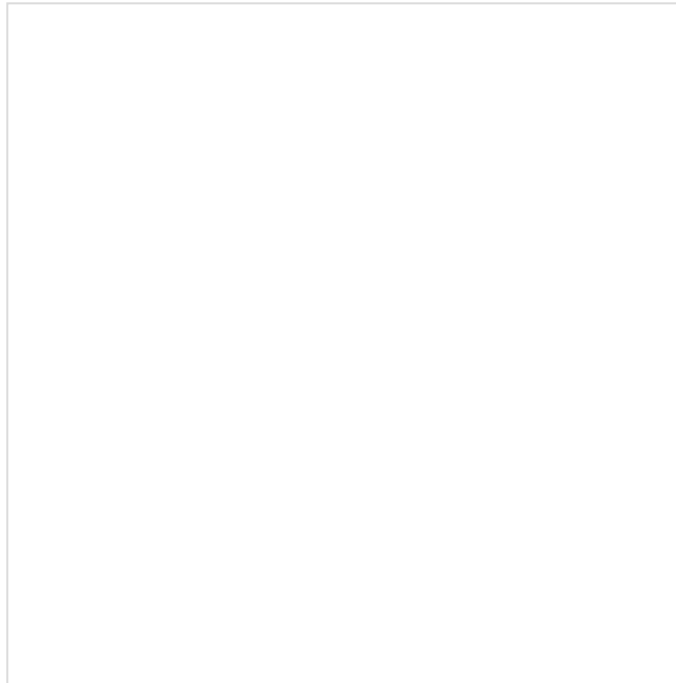
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**Robert Stark**  
  
Managing Director  
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## Related Articles



May 21, 2021

### Engineer Making Sustainable Changes in Japan Inspired By UCSD Extension Certificate

Abhilasha Devaraj knew early in life that she wanted to help create a sustainable life to help people to live in a better, healthier environment.

(/news-and-events/division-of-extended-studies-blog/May-2021/Engineer-Making-Sustainable-Changes-in-Japan-Inspi)



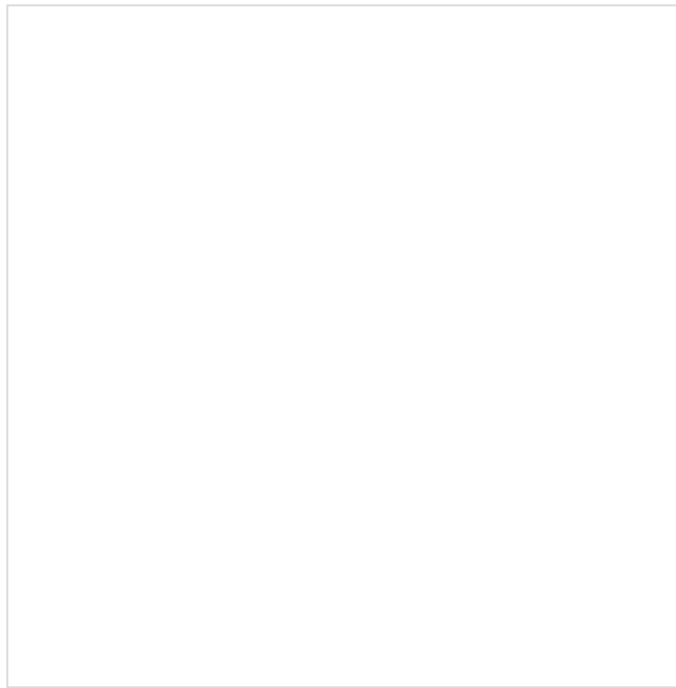
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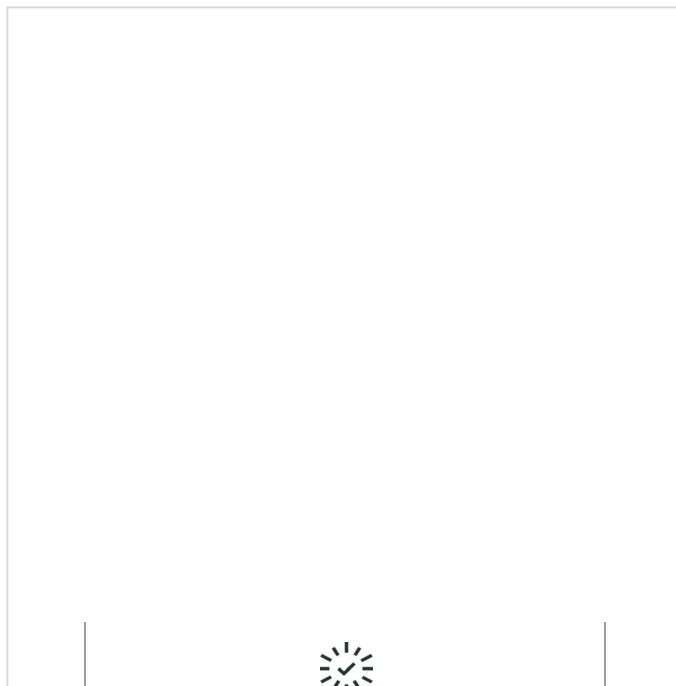


April 05, 2020

## How to Help Increase Women's Representation in STEM

Wikipedia is a go-to source for a lot of web searches, but where are the women and people of color?

(/news-and-events/division-of-extended-studies-blog/April-2020/How-to-Help-Increase-Womens-Representation-in-STEM)



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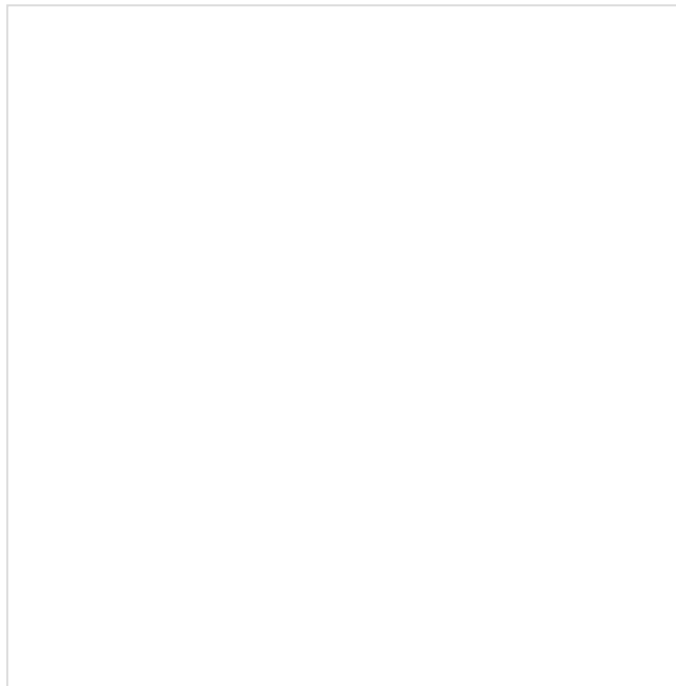
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July 19, 2019

## How I did it: From Hotel Bellman to Luxury Resort Sustainability Manager

James Tosh had a passion for surfing that inspired him to pursue a career in environmental sustainability for businesses. He only had one problem, he graduated with a degree in history.

(/news-and-events/division-of-extended-studies-blog/July-2019/How-I-did-it-From-Hotel-Bellman-to-Luxury-Resort-S)



February 12, 2018

## Dream Job: Being a Champion for Sustainable Living

“Strategic planning for sustainability is a highly desirable skill in today’s job market.” notes sustainability expert and instructor Krista Van Tassel

(/news-and-events/division-of-extended-studies-blog/February-2018/A-champion-for-sustainable-living)



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

FROM: Dan W. Bartel

DATE: July 11, 2023

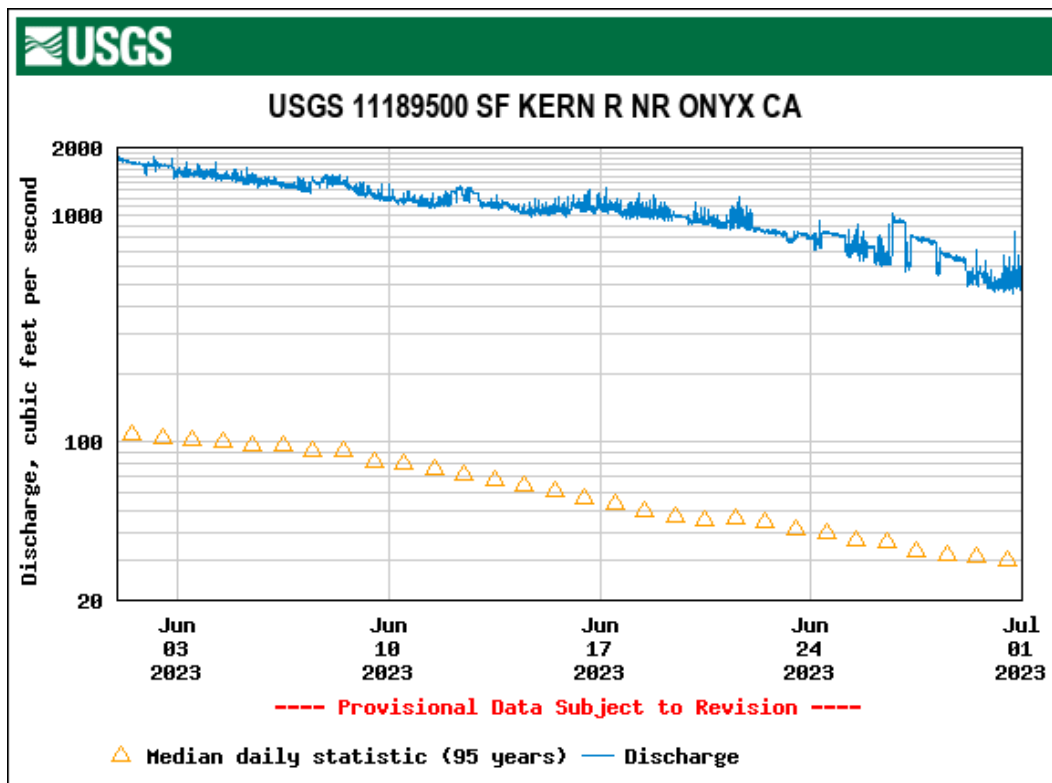
RE: Onyx Ranch Operations Report

**Discussion:**

Staff has been working to implement the District’s developing goals and objectives on the Ranch. Specifically, staff has:

- Continued operation of conveyance system
- Completed repair of March flood damages on Smith Ditch
- Hunter’s Cabin and Store are now vacant, entered into PSA.
- Commence with fencing projects.
- Completed replacement of septic system.
- Coordinated with KRI’s operations – Continued irrigation in coordination with Watermaster. Project to resume in early July.

South Fork flows downstream of Bloomfield averaged 1207 cfs plus calculated accretions of 7 cfs, for a total average flow of about 1214 cfs. Ag wells were not operated. Onyx Project was paused on 4/19 per coordination with KR Watermaster and irrigation flows commenced. Irrigation set to go off in early July and project to resume.







# South Fork Kern River Monthly Measurement Report

**June-2023**

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

Date	South Fork				D.Prince (4,5,12,20-22,37)			Hafenfeld (5)			RRBWSD (1,3,6,7,12, Wirth1, 30,33, Boone)				J.Nicoll (3)	Audubon (4,5,9,Wirth1,17,18) (20-22,Wirth2,27,29,37)		Smith (Smith)	Total Diverted	South Fork		RRBWSD to Isabella	
	Mean Flow	USGS - Onyx	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	1908	1950	7			3.3	11.0	3.3			18.4	23.3	7.6	0.0				5.1	72	Yes	Yes	0	
2	1832	2020	7			3.0	10.6	3.0			17.9	16.8	6.1	0.0		9.0		4.6	71	Yes	Yes	0	
3	1699	1780	7			2.8	11.0	2.8			18.4	22.0	5.5	0.0				4.2	67	Yes	Yes	0	
4	1662	1680	7			2.8	10.3	2.8			17.5	22.7	5.9	0.0				4.1	66	Yes	Yes	0	
5	1591	1560	7			2.8	10.8	2.8			17.3	20.7	18.4	0.0				4.1	77	Yes	Yes	0	
6	1532	1660	7			2.8	10.5	2.8				24.5	23.6	0.0				7.8	72	Yes	Yes	0	
7	1540	1490	7			1.8	9.9	1.8				24.1	7.8	0.0				8.4	54	Yes	Yes	0	
8	1536	1530	7			1.8	10.6	1.8				23.3	8.3	0.0				8.0	54	Yes	Yes	0	
9	1389	1390	7			1.3	10.2	1.3				21.3	7.2	0.0				7.7	49	Yes	Yes	0	
10	1322	1320	7			1.3	9.3	1.3				20.6	6.8	0.0				7.5	47	Yes	Yes	0	
11	1280	1310	7			0.8	9.2	0.8				19.8	6.4	0.0				3.2	40	Yes	Yes	0	
12	1407	1430	7			1.3	9.1	1.3				20.1	6.7	0.0				7.5	46	Yes	Yes	0	
13	1261	1250	7			1.3	6.0	1.3				20.4	6.0	0.0			5.0	7.4	47	Yes	Yes	0	
14	1197	1180	7			3.3	5.8	3.3				21.5	6.0	0.0			4.0	5.0	7.1	52	Yes	Yes	0
15	1193	1180	7			3.3	5.4	3.3				20.6	6.0	0.0			4.0	6.9	49	Yes	Yes	0	
16	1254	1220	7			3.3	13.4	3.3				22.1	0.0	6.4			4.4	7.0	60	Yes	Yes	0	
17	1208	1200	7			3.3	13.2	3.3				23.8	0.0	6.1			5.2	7.1	62	Yes	Yes	0	
18	1174	1140	7			2.8	9.7	2.8				22.1	0.0	5.2			5.2	6.9	55	Yes	Yes	0	
19	1139	1180	7			2.8	11.1	2.8				21.8	0.0	13.3				6.7	58	Yes	Yes	0	
20	956	1070	7			3.2	8.9	3.2				18.1	22.6	0.0				6.4	76	Yes	Yes	0	
21	952	1030	7			3.7	9.6	3.8				17.0	21.8	7.0	0.0			5.8	81	Yes	Yes	0	
22	860	992	7			3.7	8.0	3.8				17.4	24.5	7.0	0.0			5.4	82	Yes	Yes	0	
23	813	918	7			4.3	6.4	4.2				18.9	25.8	0.0	6.6			5.1	71	Yes	Yes	0	
24	815	897	7			3.7	8.4	3.8				18.3	21.8	0.0	5.3			5.0	66	Yes	Yes	0	
25	737	852	7			3.6	7.4	3.6				15.5	22.0	0.0	3.3			4.7	60	Yes	Yes	0	
26	759	639	7			3.8	5.4	3.8				14.0	19.2	0.0	7.0			4.4	57	Yes	Yes	0	
27	781	607	7			3.8	5.0	3.8				14.1	19.2	0.0	6.8			4.3	57	Yes	Yes	0	
28	669	645	7			3.8	13.0	3.8				13.2	25.0	0.0	6.4			4.1	69	Yes	Yes	0	
29	552	569	7			3.5	12.0	3.5				13.1	27.0	0.0	5.7			3.9	69	Yes	Yes	0	
30	516	521	7			3.0	12.0	3.0				12.6	21.4	0.0	5.0			7.2	64	Yes	Yes	0	
SFD	35,532	36,210	210		0	85	283	85	0	0	262	662	142	0	114	9	29	178	1,848	0	0	0	
AF	70,478	71,823	417		0	168	561	169	0	0	519	1,313	282	0	226	18	57	352	3,666	0	0	0	
		1207	7			730		169						2,114	226		75	5.9	62			0.0	

Note: Water in the miller ditch being delivered via the Mill/hillside ditch and water is still being split Prince and Haf. 50/50  
 Redirected Historic Irrigation Demand Limit = 43  
 Creighton decided not to make irrigation deliveries to Mack Pasture and Mack fields. 352



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

**2023**

<b>Well Name</b>	<b>DATE</b>	<b>Depth to Water (ft)</b>	<b>Notes</b>
Onyx Store - Domestic	6/30/2023	38.6	
Ranch HQ - Domestic	6/30/2023	8	
Landers Sand - Old Ag Well	6/30/2023	10.4	
Onyx Store - Old Ag Well	6/30/2023	13.2	
Mack Well	6/30/2023	21.1	
Nicoll Field - Old Ag Well	6/30/2023	12.7	
Mack Field West - Domestic	6/30/2023	12.8	
Gibboney-2 Piezo	6/30/2023	3.7	
Gibboney-3 Piezo	6/30/2023	5.8	
Boone Piezo	6/30/2023	4	
Lieb Piezo	6/30/2023	6.6	
Pruitt Piezo	6/30/2023	8.2	
Scodie Well	6/30/2023	18.7	
Pruitt Well	6/30/2023	10.4	
Nicoll Well	6/30/2023	13.2	
Mack Piezo	6/30/2023	16.2	
West Onyx Piezo (Top of pipe to the concrete 1.9ft)	6/30/2023	10.3	
East Onyx Piezo (Top of pipe to the concrete 1.4ft)	6/30/2023	18.4	
Smith Piezo #1	6/30/2023	14.4	
Smith Piezo #2	6/30/2023	17.4	
Smith Piezo #3	6/30/2023	16.4	



# COMMERCIAL PURCHASE AGREEMENT AND JOINT ESCROW INSTRUCTIONS

(C.A.R. Form CPA, Revised 12/22)

Date Prepared: June 17, 2023

**1. OFFER:**

- A. THIS IS AN OFFER FROM** Gary D. Ames, Nora L. Murphy ("Buyer").  
 Individual(s),  A Corporation,  A Partnership,  An LLC,  Other \_\_\_\_\_.
- B. THE PROPERTY** to be acquired is 23002 Highway 178, situated in Onyx (City), Kern (County), California, 93255 (Zip Code), Assessor's Parcel No(s) \_\_\_\_\_ ("Property").  
 (Postal/Mailing address may be different from city jurisdiction. Buyer is advised to investigate.)
- C. THE TERMS OF THE PURCHASE ARE SPECIFIED BELOW AND ON THE FOLLOWING PAGES.**
- D.** Buyer and Seller are referred to herein as the "Parties." Brokers and Agents are not Parties to this Agreement.

**2. AGENCY:**

- A. DISCLOSURE:** The Parties each acknowledge receipt of a "Disclosure Regarding Real Estate Agency Relationships" (C.A.R. Form AD) if represented by a real estate licensee. Buyer's Agent is not legally required to give to Seller's Agent the AD form Signed by Buyer. Seller's Agent is not legally obligated to give to Buyer's Agent the AD form Signed by Seller.
- B. CONFIRMATION:** The following agency relationships are hereby confirmed for this transaction.
- Seller's Brokerage Firm** Click Realty - Gerald A. Click License Number 00824116  
 Is the broker of (check one):  the Seller; or  both the Buyer and Seller (Dual Agent).  
**Seller's Agent** Gerald A. Click License Number 00824116  
 Is (check one):  the Seller's Agent (Salesperson or broker associate); or  both the Buyer's and Seller's Agent (Dual Agent).
- Buyer's Brokerage Firm** Click Realty - Gerald A. Click License Number 00824116  
 Is the broker of (check one):  the Buyer; or  both the Buyer and Seller (Dual Agent).  
**Buyer's Agent** Cheyenne Click License Number 02028583  
 Is (check one):  the Buyer's Agent (Salesperson or broker associate); or  both the Buyer's and Seller's Agent (Dual Agent).
- C.**  More than one Brokerage represents  Seller,  Buyer. See, Additional Broker Acknowledgement (C.A.R. Form ABA).
- D. POTENTIALLY COMPETING BUYERS AND SELLERS:** The Parties each acknowledge receipt of a  "Possible Representation of More than One Buyer or Seller - Disclosure and Consent" (C.A.R. Form PRBS).

**3. TERMS OF PURCHASE AND ALLOCATION OF COSTS:** The items in this paragraph are contractual terms of the Agreement. Referenced paragraphs provide further explanation. This form is 17 pages. The Parties are advised to read all 17 pages.

Paragraph #	Paragraph Title or Contract Term	Terms and Conditions	Additional Terms
A	5, 5B (cash) <b>Purchase Price</b>	<b>\$ 400,000.00</b>	<input checked="" type="checkbox"/> All Cash
B	<b>Close of Escrow (COE)</b>	<input checked="" type="checkbox"/> <b>30</b> Days after Acceptance OR on <input type="checkbox"/> _____ (date) (mm/dd/yyyy)	
C	39A <b>Expiration of Offer</b>	3 calendar days after all Buyer Signature(s) or _____ (date) at 5PM or <input type="checkbox"/> AM/ <input type="checkbox"/> PM	
D(1)	5A(1) <b>Initial Deposit Amount</b>	<b>\$ 10,000.00</b> ( <b>2.50</b> % of purchase price) (% number above is for calculation purposes and is not a contractual term)	within 3 (or _____) business days after Acceptance by wire transfer OR <input type="checkbox"/> _____
D(2)	5A(2) <input type="checkbox"/> <b>Increased Deposit</b> (Money placed into escrow after the initial deposit. Use form DID at time increased deposit is made.)	\$ _____ ( _____ % of purchase price) (% number above is for calculation purposes and is not a contractual term)	Upon removal of all contingencies OR <input type="checkbox"/> _____ (date) OR <input type="checkbox"/> _____
E(1)	5C(1) <b>Loan Amount(s):</b> First Interest Rate _____ Points  If FHA or VA checked, Deliver list of lender required repairs	\$ _____ ( _____ % of purchase price) Fixed rate or <input type="checkbox"/> Initial adjustable rate, • not to exceed _____ % • Buyer to pay up to _____ points to obtain rate above  17 (or _____) Days after Acceptance	Conventional or, if checked, <input type="checkbox"/> Seller Financing <input type="checkbox"/> Assumed Financing <input type="checkbox"/> Subject To Financing <input type="checkbox"/> Other: _____
E(2)	5C(2) Additional Financed Amount Interest Rate _____ Points	\$ _____ ( _____ % of purchase price) Fixed rate or <input type="checkbox"/> Initial adjustable rate • not to exceed _____ % • Buyer to pay up to _____ points to obtain rate above	Conventional or, if checked, <input type="checkbox"/> Seller Financing <input type="checkbox"/> Assumed Financing <input type="checkbox"/> Subject To Financing <input type="checkbox"/> Other: _____
E(3)	7A <b>Occupancy Type</b>	Investment	
F	5D <b>Balance of Down Payment</b>	<b>\$ 390,000.00</b>	
<b>PURCHASE PRICE TOTAL</b>		<b>\$ 400,000.00</b>	

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CPA REVISED 12/22 (PAGE 1 OF 17)

Buyer's Initials GA NM Seller's Initials DB

**COMMERCIAL PURCHASE AGREEMENT AND JOINT ESCROW INSTRUCTIONS (CPA PAGE 1 OF 17)**



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

FROM: Dan Bartel and Markus Nygren

DATE: July 11, 2023

RE: Consideration of Well Equipping Proposal

**Discussion:**

Onyx Domestic Well Equipping

Equipping of Onyx Domestic well which was drilled this spring. The equipping set up will consist of a submersible pump (see pump curve below), 10,000 gpm poly storage tank, a booster pump, and a pressure tank. Pressure switches and float valves will control the pressure tank as well as the level in the large poly tank. For the purposes of simplicity, the equipping proposal has been split into two separate proposals both seen below. The amounts are subject to slight changes based on SCE comments on the meter panel, and the size of the pump.

**Recommendation**

1. Approve a budget not to exceed \$100,000 for the equipping of the Onyx Domestic Well.

# CTL, INC.

## CONSOLIDATED TESTING LABORATORIES

July 6, 2023

Rosedale Rio Bravo Water Storage District  
849 Allen Rd.  
Bakersfield, CA 93314

**PROJECT:** Onyx Well Field, APN: 321-040-10, Kern County, CA

**SUBJECT:** Proposal/Contract: 10,000-Gal storage tank & Booster Pump Installation

In accordance with your request, we propose to do the following work. Cost proposal includes labor and materials required to complete the project.

### **BOOSTER PUMP INSTALLATION & 10,000 – GAL STORAGE TANK**

DESCRIPTION	UNITS	TOTAL
Pump service rig with 2- man crew-Install new 2 HP Booster Pump and related equipment. Includes cost of labor and materials listed below:	1 job	\$43,431.00
1- 10,000 Gallon green poly storage tank		
1- Gravel ring with 3/4" gravel		
1- 4' x 5' x 6" cement slab		
1- 2 HP Booster Pump, 20 GPM		
1- 119-gallon bladder tank		
1- Misc. plumbing to the booster pump from storage tank (2 inch)		
1- Pressure switch with 40-60 PSI (SQD)		
1- 30 Amp fuse disconnect mound on 4" x 4" post		
1- Misc. electrical connections to pressure switch		
1- Mobilization & demobilization of equipment		
<b>TOTAL ESTIMATED COST</b>		<b>\$43,431.00</b>

If this proposal/contract meets with your approval, please sign in the space provided. Receipt of a signed contract and a **deposit of \$2,599.00** will serve as our authorization to proceed.

Respectfully Submitted,

*Consolidated Testing Laboratories, Inc.*

  
Manny Gonzalez  
Drilling & Pump Manager

Authorized Signature(s)

Print: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: \_\_\_\_\_

MG:mc

# CTL, INC.

## CONSOLIDATED TESTING LABORATORIES

June 30, 2023

Markus Nygren  
Rosedale- Rio Bravo Water Storage District  
849 Allen Rd  
Bakersfield, CA 93314

mnygren@rrbwsd.com  
(661) 525-9945

**SUBJECT:** Pump Installation @ Onyx Well Field – Kern Co.  
**PROJECT:** Proposal 20 HP Pump Installation

Dear Mr. Nygren,

In accordance with your request, we propose to do the following work. Cost proposal includes labor and material required to complete the project.

*Well Equipping* 20 HP Pump Installation


<u>DESCRIPTION</u>	<u>UNITS/ HOURS</u>	<u>COST</u>	<u>TOTAL</u>
Labor with 2-man crew and service rig: 1- 20HP 300 GPM pump – Franklin Electric 1- 20HP 230Volt Phase 3 motor – Franklin Electric 1- 20HP soft start pump panel – Franklin Electric 1- 8" x 4" well seal 1- 75 PSI pressure relief valve 1- Float switch 84 – PVC deep set drop pipe – size 4" galvanized 100 ft- #8 gauge/ 3 wire fully jacketed cable 1- #8-gauge splice kit 1- 4" 80E check valve 2 roll- 10 mil tape <del>119 – gallon bladder tank</del> 1- 7'x 7'x 6" concrete slab 1 – Mobilization & demobilization of equipment 1- Miscellaneous 4" galvanized fittings 1- Plumbing from storage tank to well plumbing 1- 3' x 4' backboard for pump panel	1 Job	\$47,582.00	\$47,582.00
<b>TOTAL ESTIMATED COST</b>			<b>\$47,582.00</b>

*350 @ 65' TDH*

**NOTE:** This proposal does not include electrical, or water line hook up.

If this proposal/contract meets with your approval, please sign in the space provided. Receipt of a signed contract and your retainer of \$15,000.00 will serve as our authorization to proceed.

Respectfully Submitted,  
**CONSOLIDATED TESTING LABORATORIES, INC.**

  
Manny Gonzalez  
Drilling & Pump Manager

Authorized Signature(s) \_\_\_\_\_

Date: \_\_\_\_\_

MG:mc

**NOTE:** Payment is due within 30 days of each billing. There will be a late charge of 1-1/2% per month. In the event of litigation or bankruptcy, Consolidated Testing Laboratories, Inc. shall also be entitled to recover reasonable attorney's fees, costs, and expenses of litigation.

# Pump Performance Datasheet



Company Name	
Company contact number	
Quote Number	1471084
Project name	Default

Model/Order No.	350 GPM 8" STS Sub-Turbine (Build Center)
Stages	2 (2 / 0x / 0x)
Quantity of pumps in parallel	1
Based on curve number	8STS-350-02
Saved Date	27 Jun 2023 8:15 PM

### Operating Conditions

Flow, rated	: 300.0 USgpm
Head, rated (requested)	: 200.0 ft
Head, rated (actual)	: 206.6 ft
Suction pressure, rated / max	: 0.00 / 0.00 psi.g
NPSH available	: Ample
Site Supply Frequency	: 60 Hz

### Performance

Speed criteria	: Synchronous
Speed	: 3450 rpm
Impeller dia.	: 2A
Impeller diameter, maximum	: A
Impeller diameter, minimum	: C
Efficiency	: 80.03 %
PEI (CL)	: 0.00
NPSH required / margin required	: 14.63 / 0.00 ft
Ns (imp. eye flow) / Nss (imp. eye flow)	: 1,968 / 8,061 US Units
MCSF	: 226.1 USgpm
Head max.	: 279.5 ft
Head rise to shutoff	: 35.30 %
Flow, best eff. point	: 323.1 USgpm
Flow ratio, rated / BEP	: 92.86 %
Diameter ratio (rated / max)	: 100.00 %
Head ratio (rated dia / max dia)	: 100.00 %
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00
Selection status	: Acceptable

### Liquid

Liquid type	: Water
Additional liquid description	:
Solids diameter, max	: 0.00 in
Solids concentration, by volume	: 0.00 %
Temperature	: 68.00 deg F
Fluid density	: 1.000 / 1.000 SG
Viscosity	: 1.00 cP
Vapor pressure, rated	: 0.34 psi.a

### Material

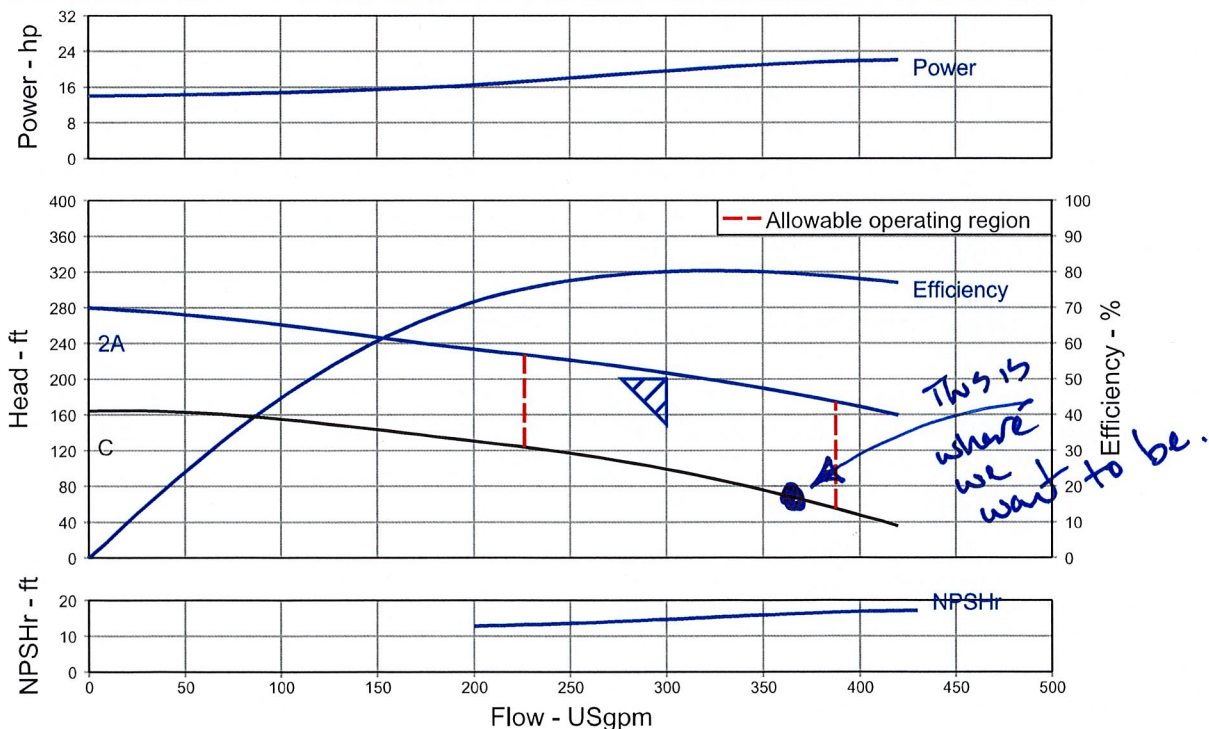
Material selected	: Standard
-------------------	------------

### Pressure Data

Shut off pressure	: 121.0 psi.g
Maximum allowable working pressure	: N/A
Maximum allowable suction pressure	: N/A
Hydrostatic test pressure	: N/A

### Driver & Power Data (@Max density)

Driver sizing specification	: Rated power
Margin over specification	: 0.00 %
Service factor	: 1.15 (used)
Power, hydraulic	: 15.64 hp
Power, rated	: 19.55 hp
Power, maximum	: 21.99 hp
Motor rating	: 20.00 hp / 14.91 kW



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

FROM: Dan Bartel and Markus Nygren

DATE: July 11, 2023

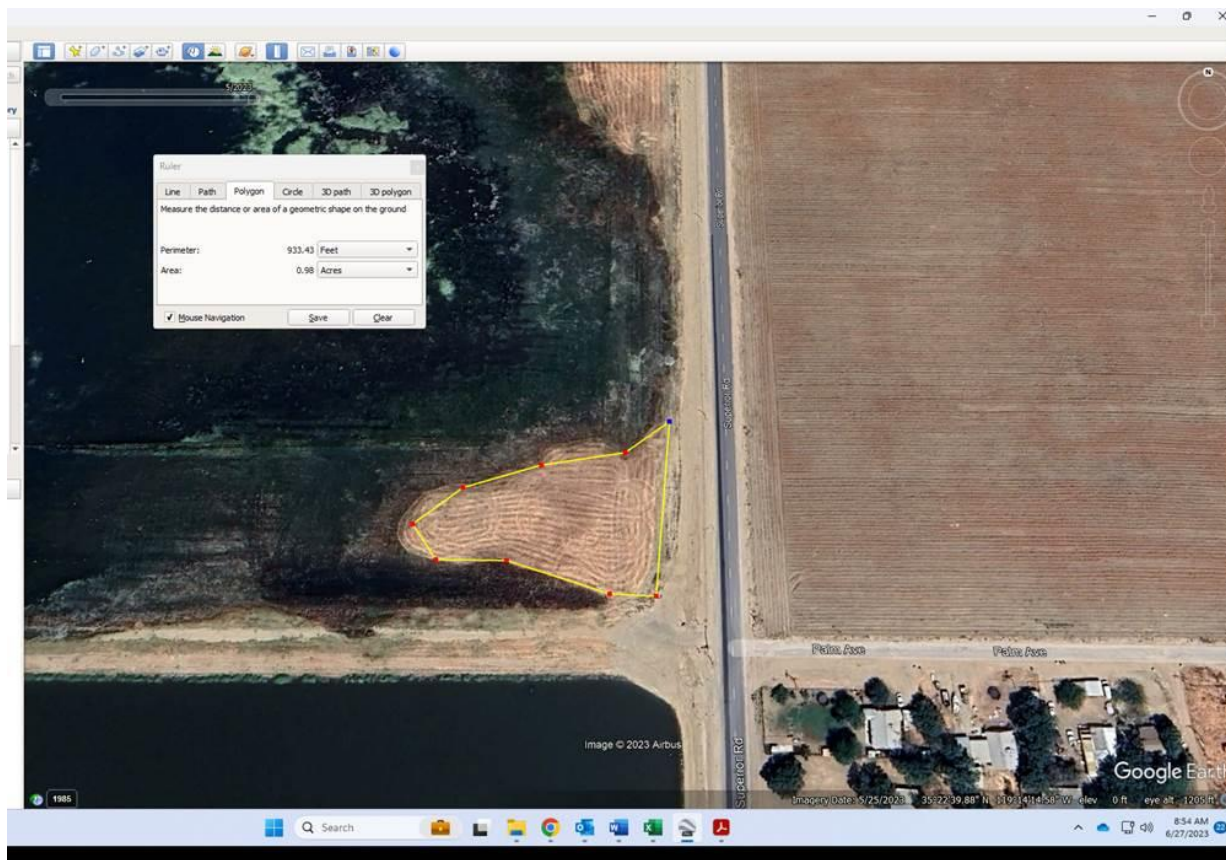
RE: Improvement Projects

**Discussion:**

**Bowling and McCaslin Recovery Well Project**

**1. Construction of earthen pad for well site**

To cater the bid package of McCaslin and Bowling to the drillers, District staff got a proposal for the construction of the earthen pad at the Bowling Site. An approximate 1,620 cubic yards of earth need to be moved and placed at the location of the bowling well. See below for location of borrow and the plan set. District staff is planning to handle CM duties with Nicholas and is waiting to get a rough construction schedule in the meantime.



## 2. 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. Important dates for the Board to know.

-Pre-bid construction walkthrough 07/12

-Bid Opening 08/03

-Board approval / Notice of Award 08/08 – 08/15

### Recommendation

Staff recommends approval of \$67,270 for Nicholas Construction to complete the work to build the earthen pad for the Bowling Well.



# BOWLING WELL PAD



**NICHOLAS CONSTRUCTION, INC.**

**Contact:** ALEX SILICZ  
**Phone:** 661-619-7417  
**Fax:**

Accepted: *D. Bartel*

Quote To: DAN BARTEL

Job Name:

Date of Plans:

Revision Date:

Phone:

Fax:

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
10	CONSTRUCT BOWLING WELL PAD	1,922.00	CY	35.00	67,270.00
<b>GRAND TOTAL</b>					<b>\$67,270.00</b>

**NOTES:**

IMPORT AND COMPACT APPROX. 1,922CY OF FILL, FIGURING 35% SHRINKAGE TO 95% USING ASTM D698

SOILS AND CONCRETE TESTING FEES BY OTHERS

PERMITS AND PERMIT FEES BY OTHERS

# COUNTY OF KERN - STATE OF CALIFORNIA

## ROSEDALE - RIO BRAVO WATER STORAGE DISTRICT

### BOWLING WELL PAD PLANS

**1**  
of  
5

ZEIDERS CONSULTING  
1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8366

#### BASIS OF BEARINGS AND VERTICAL DATUM

THE BASIS OF BEARINGS AND VERTICAL DATUM FOR THIS SURVEY IS DEFINED BY THE GEODETIC COORDINATES AND ELEVATIONS SHOWN ON THE TOPOGRAPHIC SURVEY DATED NOVEMBER 20, 2009, OF THE GOOSE LAKE SLOUGH FACILITY FOR THE ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT.  
THIS SURVEY WAS MADE UTILIZING THE CALIFORNIA STATE PLANE COORDINATE SYSTEM PER THE NATIONAL GEODETIC SURVEY'S NORTH AMERICAN DATUM OF 1983, 1992 ADJUSTMENT, ZONE V. THE FOLLOWING TWO POSITIONS PER SAID GOOSE LAKE SLOUGH FACILITY SURVEY WERE USED FOR THIS SURVEY:

- A. K.C.W.A. BENCHMARK NO. CVC 12-4.75 BTM.  
LOCATED ON THE SOUTHEAST SIDE OF THE BRIDGE CROSSING OF THE CROSS VALLEY CANAL, APPROXIMATELY 8,946.1 FEET SOUTH OF THE CENTERLINE OF STOCKDALE HIGHWAY AND APPROXIMATELY 10,676.6 FEET WEST OF THE CENTERLINE OF ENOS LANE.  
N= 2314186.293  
E= 6177525.876  
ELEV.= 315.60
- B. K.C.S.C.M. 18" DEEP FOR THE WEST 1/4 CORNER, SECTION 32, 29/26  
LOCATED AT THE INTERSECTION OF GREELEY ROAD AND JOHNSON ROAD (BOTH UNPAVED).  
N= 2320122.625  
E= 6198926.511  
ELEV.= 334.74

#### BENCH MARK - BOWLING

TOP OF NE POST AT GOOSE LAKE CANAL WEIR  
AT NORTHEAST CORNER OF WEIR  
APPROX. 950 FEET SSW OF SUPERIOR WELL #5  
NEAR SE CORNER OF PROJECT SITE.

ELEVATION = 334.93 (U.S.G.S. DATUM)

#### WATER DISTRICT

ROSEDALE RIO BRAVO WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390  
(661) 589-6045

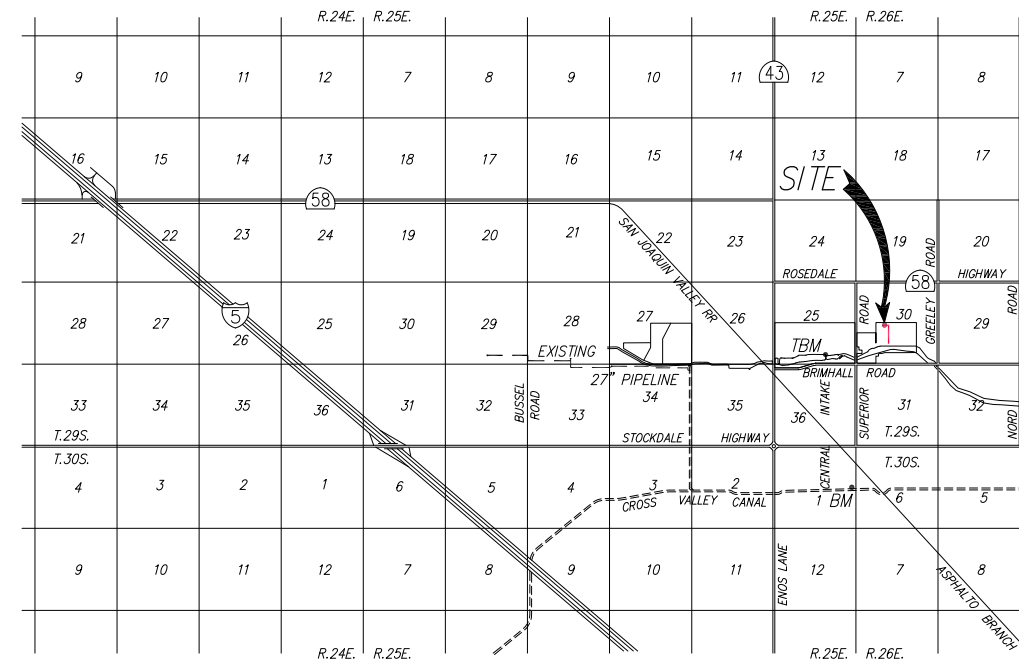
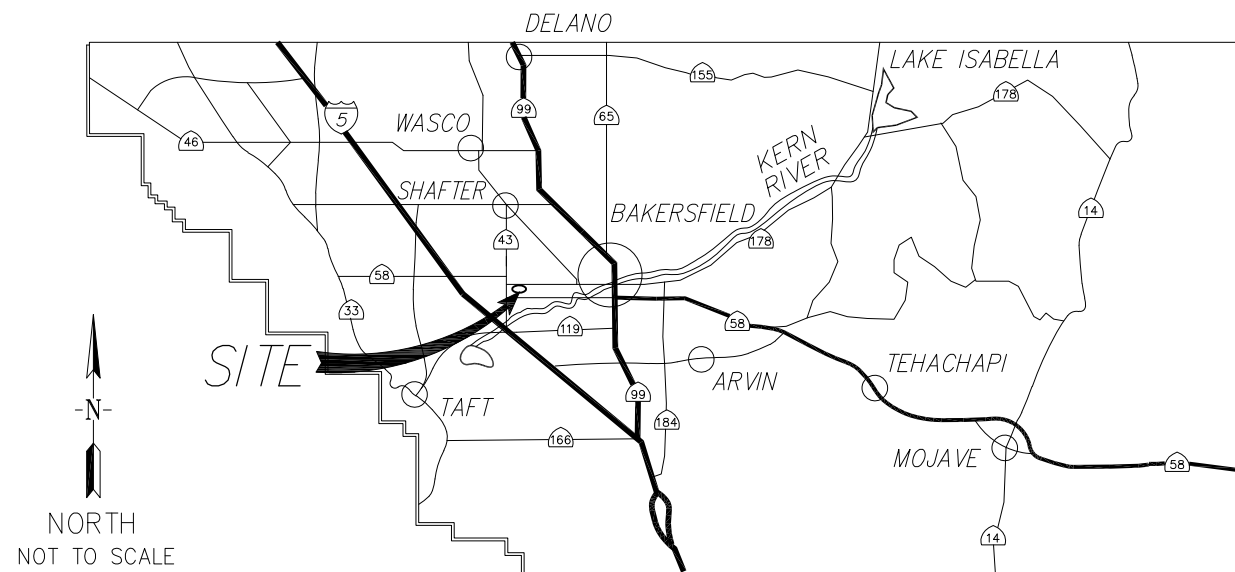
#### ENGINEER

ZEIDERS CONSULTING  
1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8366  
WZEIDERS@ZEIDERSCONSULTING.COM

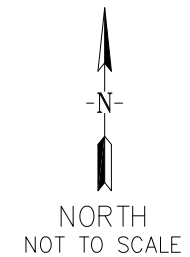
#### INDEX TO SHEETS

1. COVER SHEET / INDEX
2. LOCATION MAP
3. LOCATION MAP
4. BOWLING WELL PAD - SITE PLAN
5. BOWLING WELL PAD - PROFILES

**R.R.B.** ROSEDALE-RIO BRAVO  
WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390



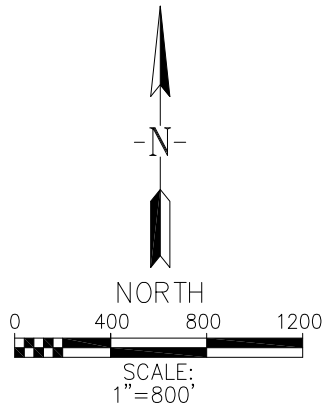
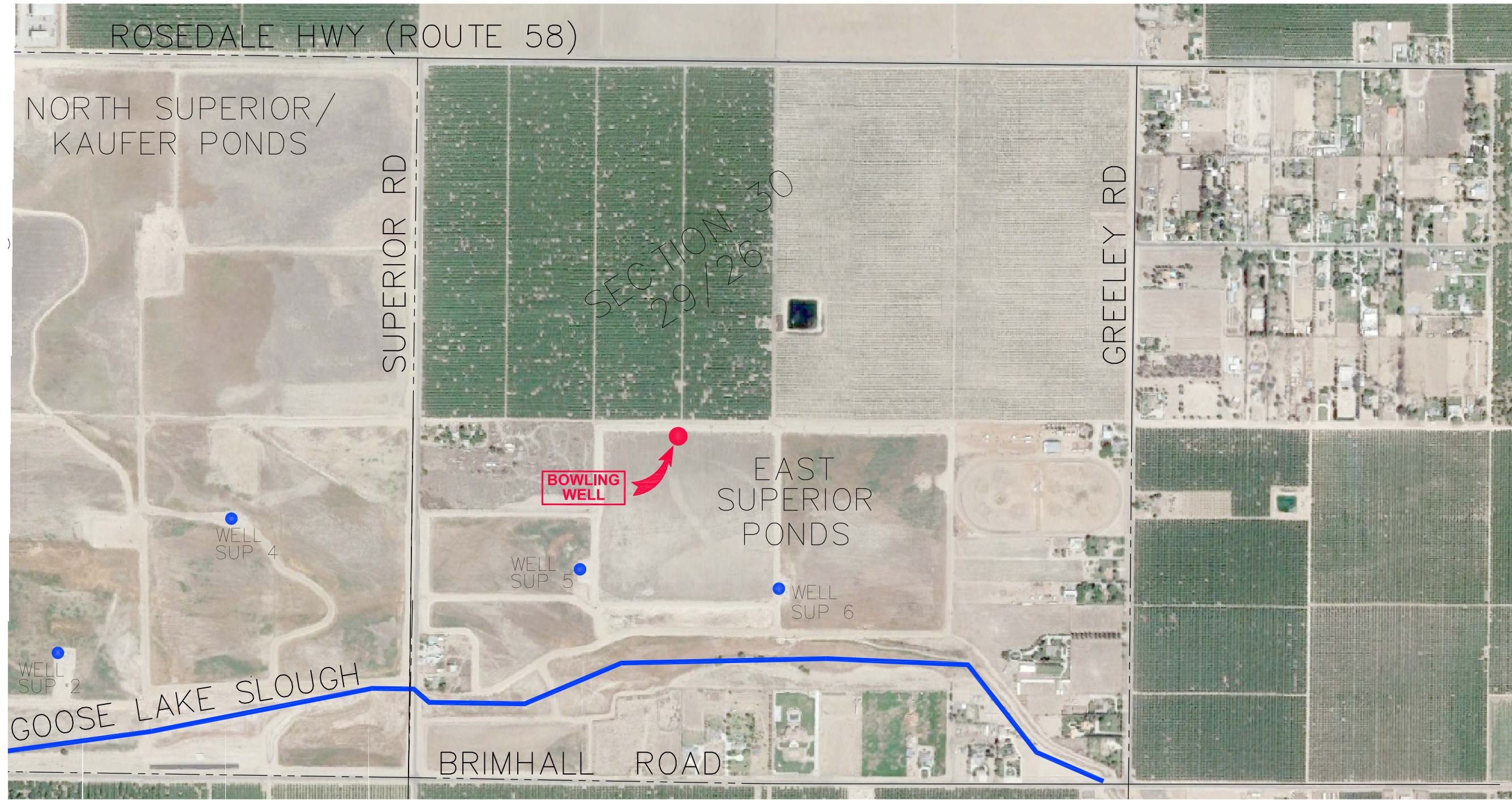
**VICINITY MAP**



**R.R.B.W.S.D.**  
BOWLING WELL  
WELL SITE PAD PLANS  
COVER SHEET / INDEX

REV.	DATE	DESCRIPTION

DATE: JUNE 6, 2023  
 SCALE: AS NOTED  
 DRAWN BY: J. STORMONT  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: RRWB0-WELL SITE SCREENING



A  
2

 LOCATION MAP  
 BOWLING WELL

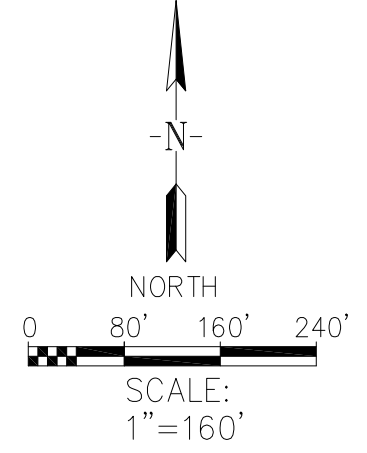
REV.	DATE	DESCRIPTION

DATE: JUNE 6, 2023  
 SCALE: AS NOTED  
 DRAWN BY: J. STORMONT  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: RRWSD-WELL SITE SCREENING

**R.R.B.W.S.D.**  
**MCCASLIN / BOWLING WELLS**  
**BOWLING WELL PAD**  
**LOCATION MAP**

**RRB** **ROSEDALE-RIO BRAVO**  
 WATER STORAGE DISTRICT  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8366



A  
3

 SITE LOCATION  
 BOWLING WELL

DRAFT

REV.	DATE	DESCRIPTION

DATE: JUNE 6, 2023  
 SCALE: AS NOTED  
 DRAWN BY: W. FREY  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: MCCASLIN & BOWLING...

**R.R.B.W.S.D.**  
**MCCASLIN RECHARGE BASINS**  
**WELL SITE DETAIL**  
**BOWLING SITE LOCATION**

RRB

**ROSEDALE-RIO BRAVO**  
 WATER STORAGE DISTRICT  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

3

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8866

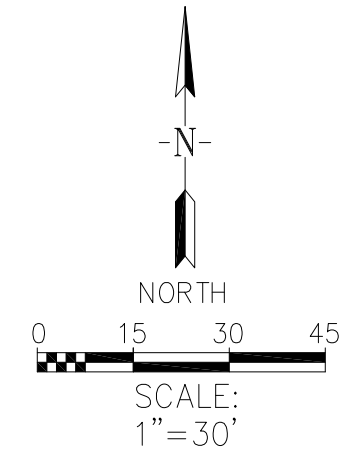
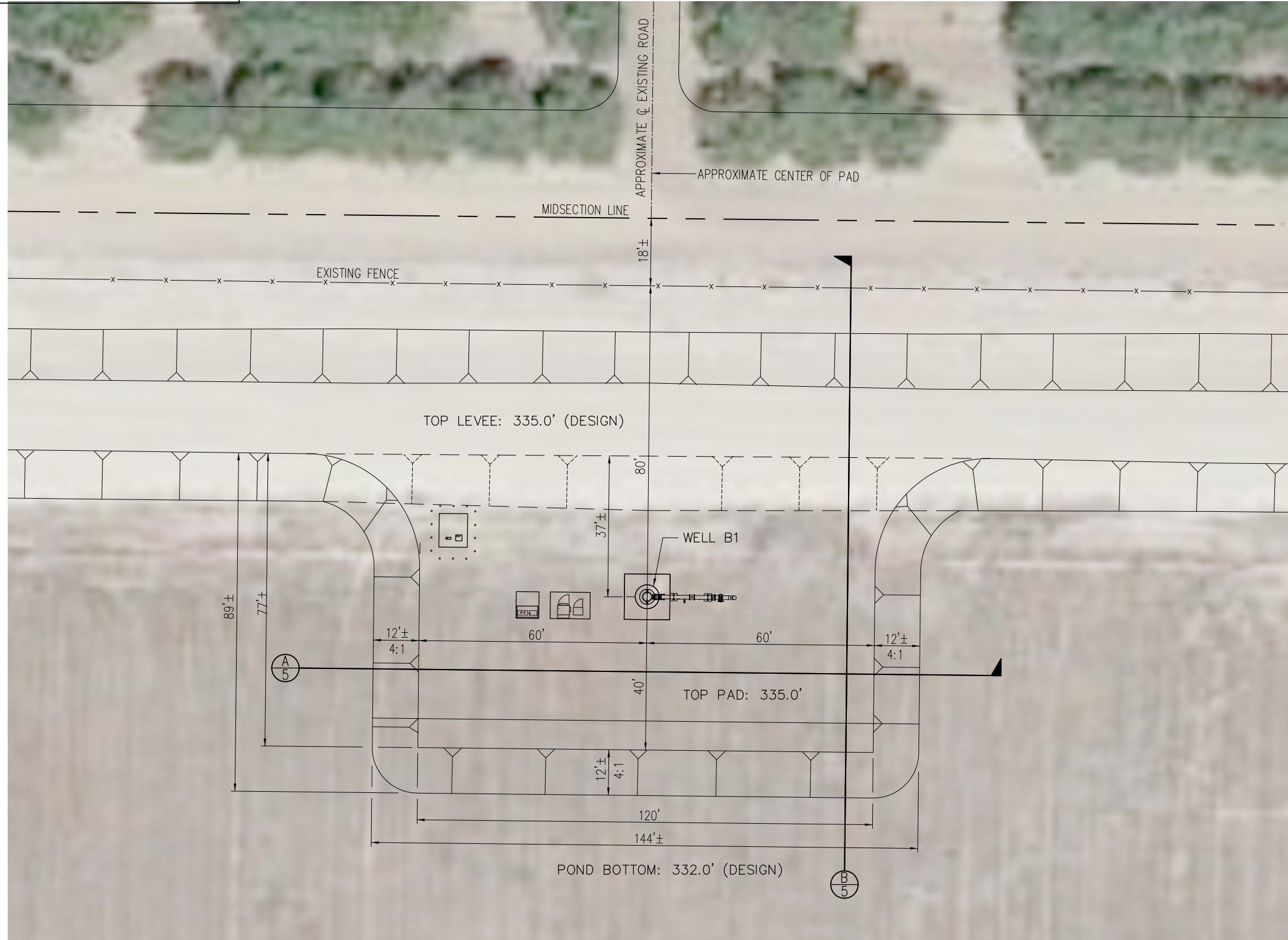
**EARTHWORKS:**

CUT: 0 CYD  
FILL: 1230\* CY IN-PLACE COMPACTED FILL  
\*\*— SHRINKAGE NOT ACCOUNTED FOR

**NOTE:**

FILL SHALL BE COMPACTED MINIMUM 95% PER ASTM D698 AT OR ABOVE OPTIMUM MOISTURE CONTENT.

**A**  
**4** B1 PAD DETAIL  
BOWLING WELL



REV.	DATE	DESCRIPTION

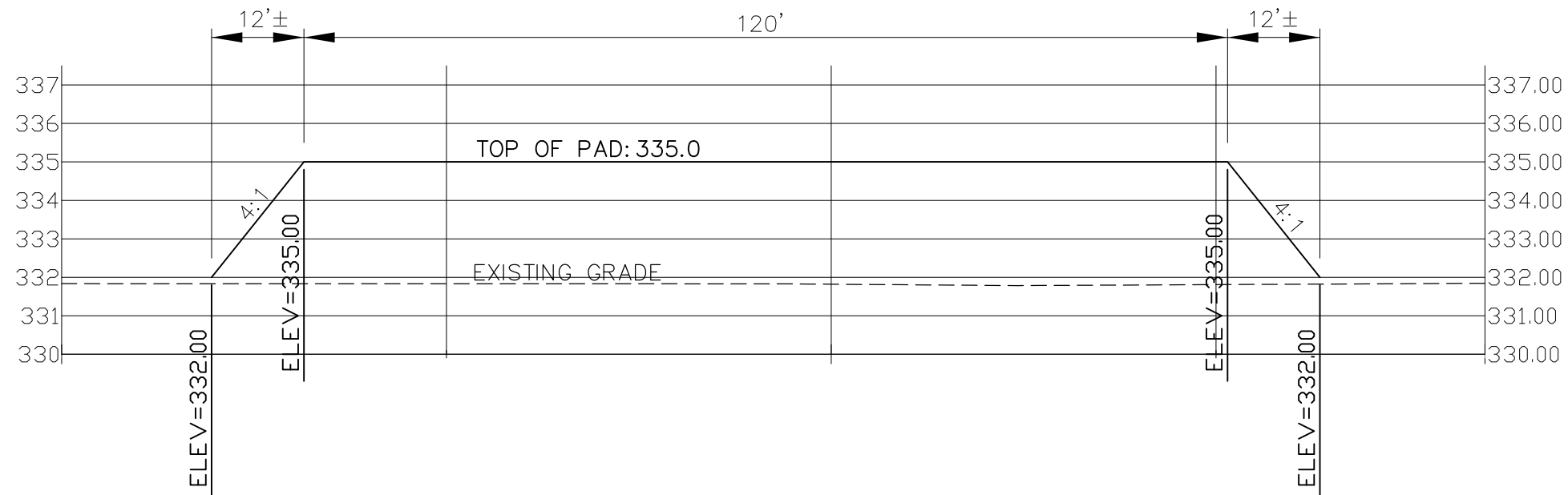
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CHECKED BY: W. ZEIDERS  
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**R.R.B.W.S.D.**  
BOWLING WELL  
WELL SITE DETAIL  
WELL PAD

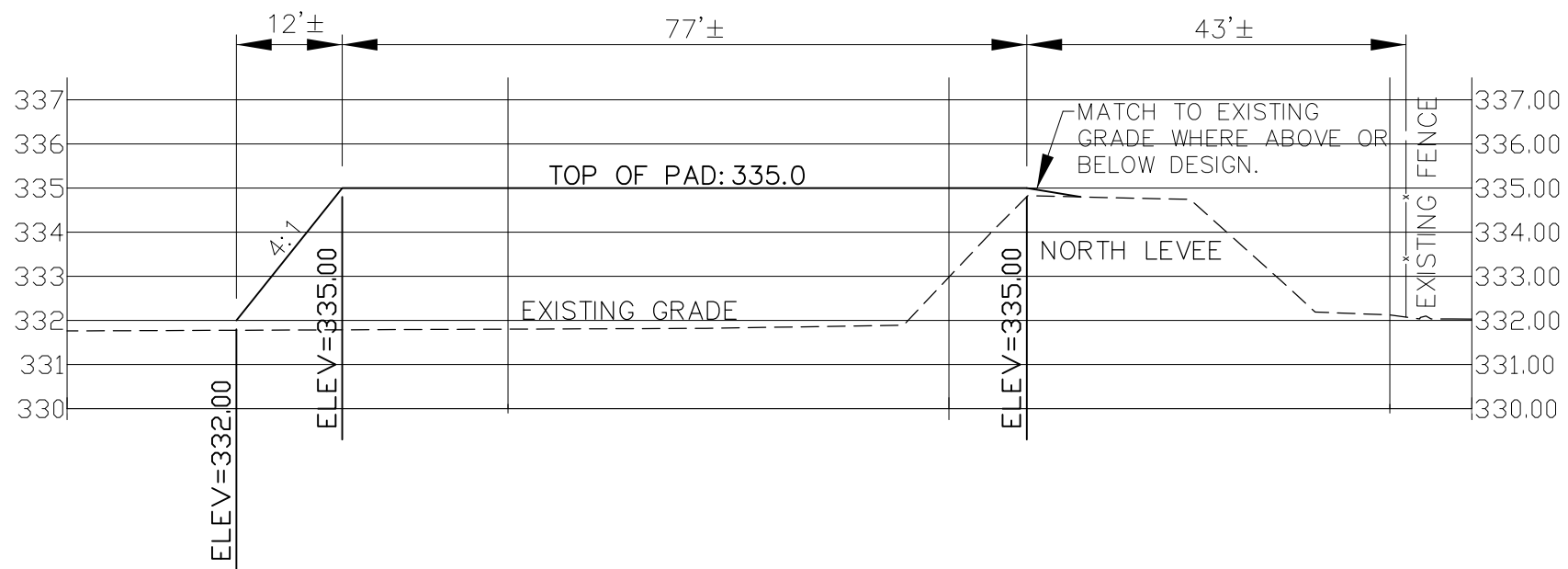
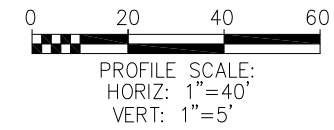
**RRB ROSEDALE-RIO BRAVO**  
WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8866

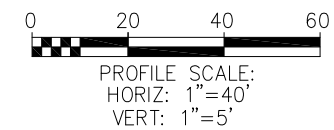
**DRAFT**



**A**  
5 B1 PAD DETAIL – PROFILE VIEW  
LOOKING NORTH



**B**  
5 B1 PAD DETAIL – PROFILE VIEW  
LOOKING WEST



REV.	DATE	DESCRIPTION

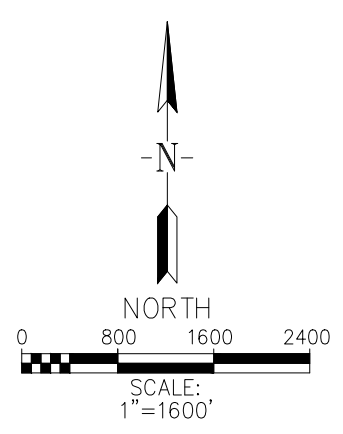
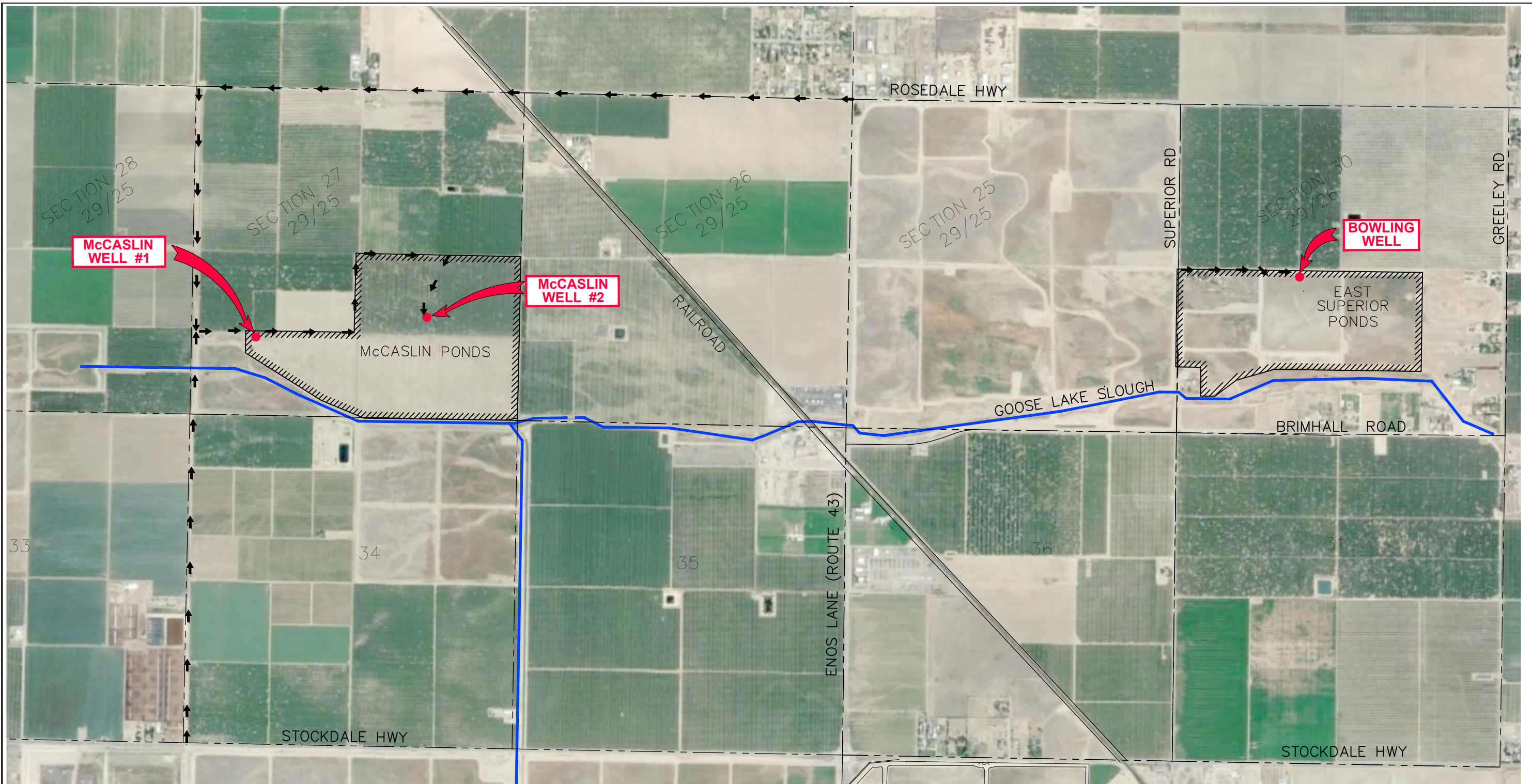
DATE: JUNE 6, 2023  
 SCALE: AS NOTED  
 DRAWN BY: W. FREY  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: MCCASLIN & BOWLING...

**R.R.B.W.S.D.**  
 BOWLING WELL PAD  
 WELL SITE DETAIL  
 WELL PAD - PROFILES

**RRB ROSEDALE-RIO BRAVO**  
 WATER STORAGE DISTRICT  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8866

**DRAFT**



LEGEND	
	ACCESS ROUTE
	NEW WELL LOCATION
	PROJECT PROPERTY
	SECTION LINE(S)

A  
2
 LOCATION MAP – SITE ACCESS  
 MC1, MC2, & B1



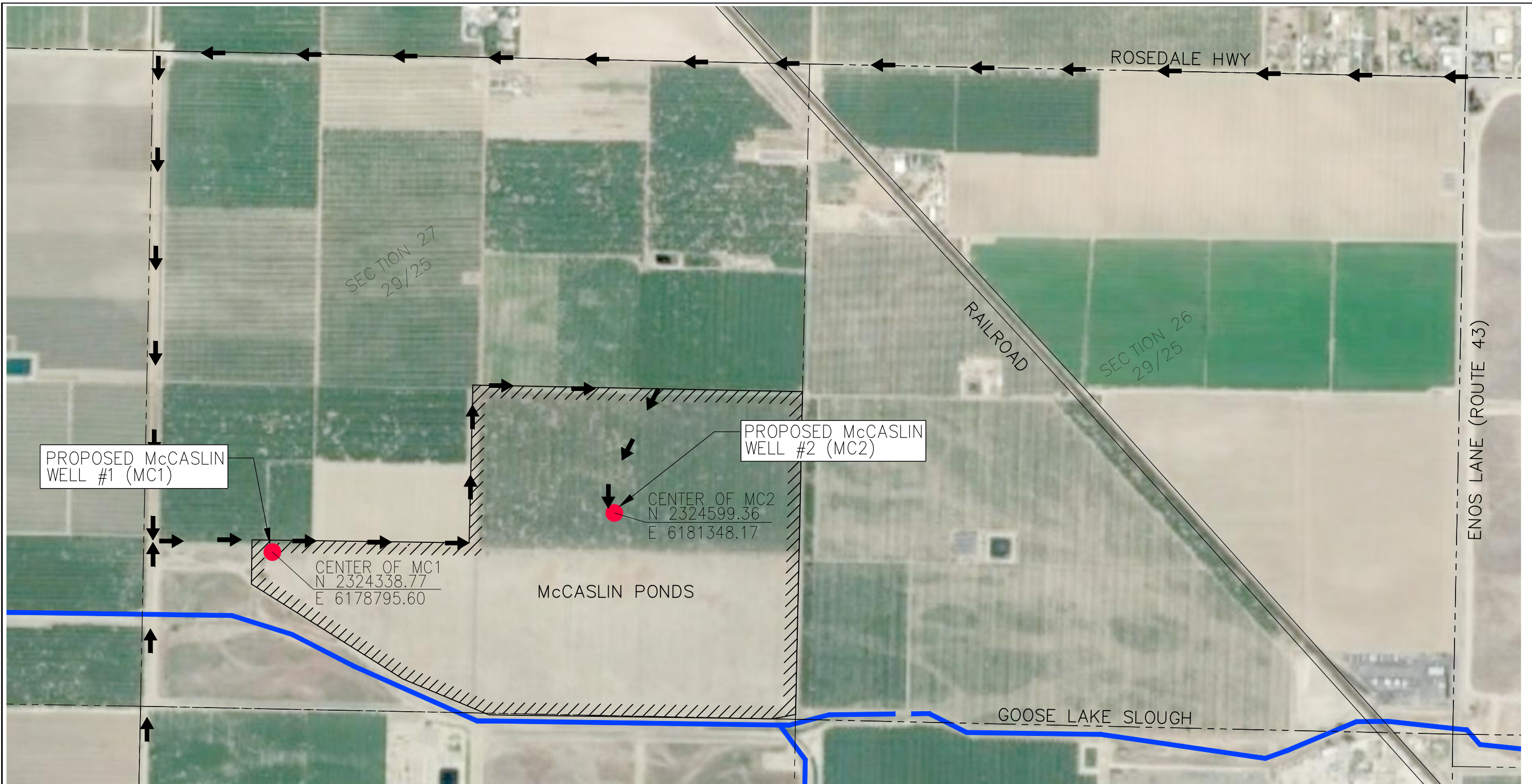
REV.	DATE	DESCRIPTION

DATE: JUNE 28, 2023  
 SCALE: AS NOTED  
 DRAWN BY: W. FREY  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: McCASLIN & BOWLING...

**R.R.B.W.S.D.**  
**McCASLIN / BOWLING WELL PLANS**  
**WELL SITE PLANS**  
**OVERALL MAP - INDEX FOR NEW WELLS**

**R3 ROSEDALE-RIO BRAVO**  
**WATER STORAGE DISTRICT**  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8366



PROPOSED McCASLIN WELL #1 (MC1)

PROPOSED McCASLIN WELL #2 (MC2)

CENTER OF MC1  
N 2324338.77  
E 6178795.60

CENTER OF MC2  
N 2324599.36  
E 6181348.17

McCASLIN PONDS

ROSEDALE HWY

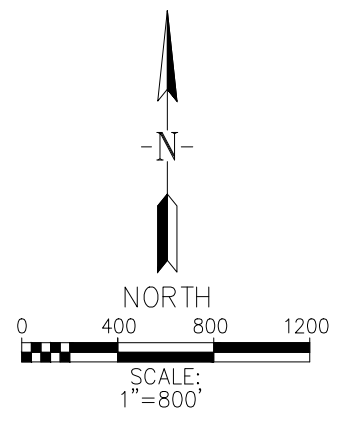
RAILROAD

SECTION 26  
29/25

SECTION 27  
29/25

ENOS LANE (ROUTE 43)

GOOSE LAKE SLOUGH



LEGEND	
	ACCESS ROUTE
	NEW WELL LOCATION
	PROJECT PROPERTY
	SECTION LINE(S)

**A**  
**3** LOCATION MAP  
MC1 AND MC2

NOTE: AERIAL PHOTOGRAPH IS NOT REPRESENTATIVE OF ACTUAL SITE CONDITIONS.



REV.	DATE	DESCRIPTION

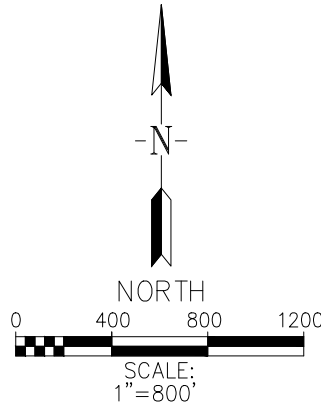
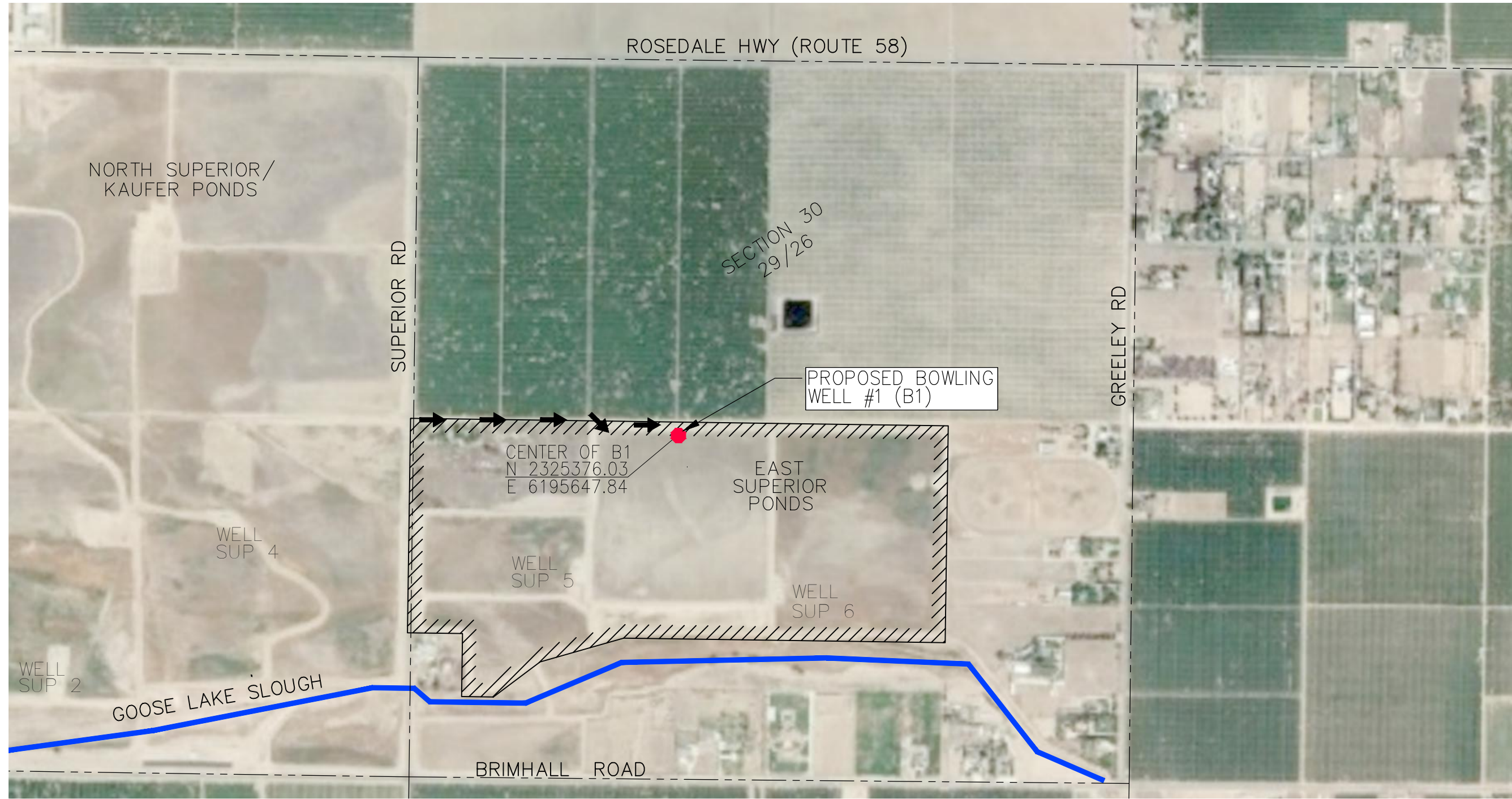
DATE: JUNE 28, 2023  
SCALE: AS NOTED  
DRAWN BY: W. FREY  
CHECKED BY: W. ZEIDERS  
FILE NAME: McCASLIN & BOWLING...

**R.R.B.W.S.D.**  
**McCASLIN / BOWLING WELL PLANS**  
**WELL SITE PLANS**  
**LOCATION MAP - MC1 & MC2**

**RRB** ROSEDALE-RIO BRAVO  
WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390

ZEIDERS CONSULTING  
1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8366





LEGEND	
	ACCESS ROUTE
	NEW WELL LOCATION
	PROJECT PROPERTY
	SECTION LINE(S)

A  
4
 LOCATION MAP  
 BOWLING WELL (B1)



REV.	DATE	DESCRIPTION

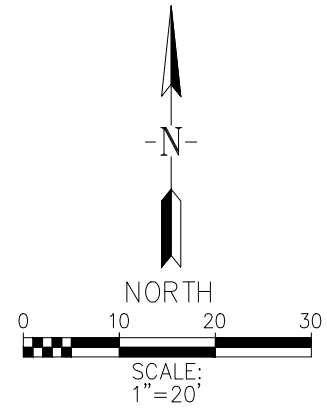
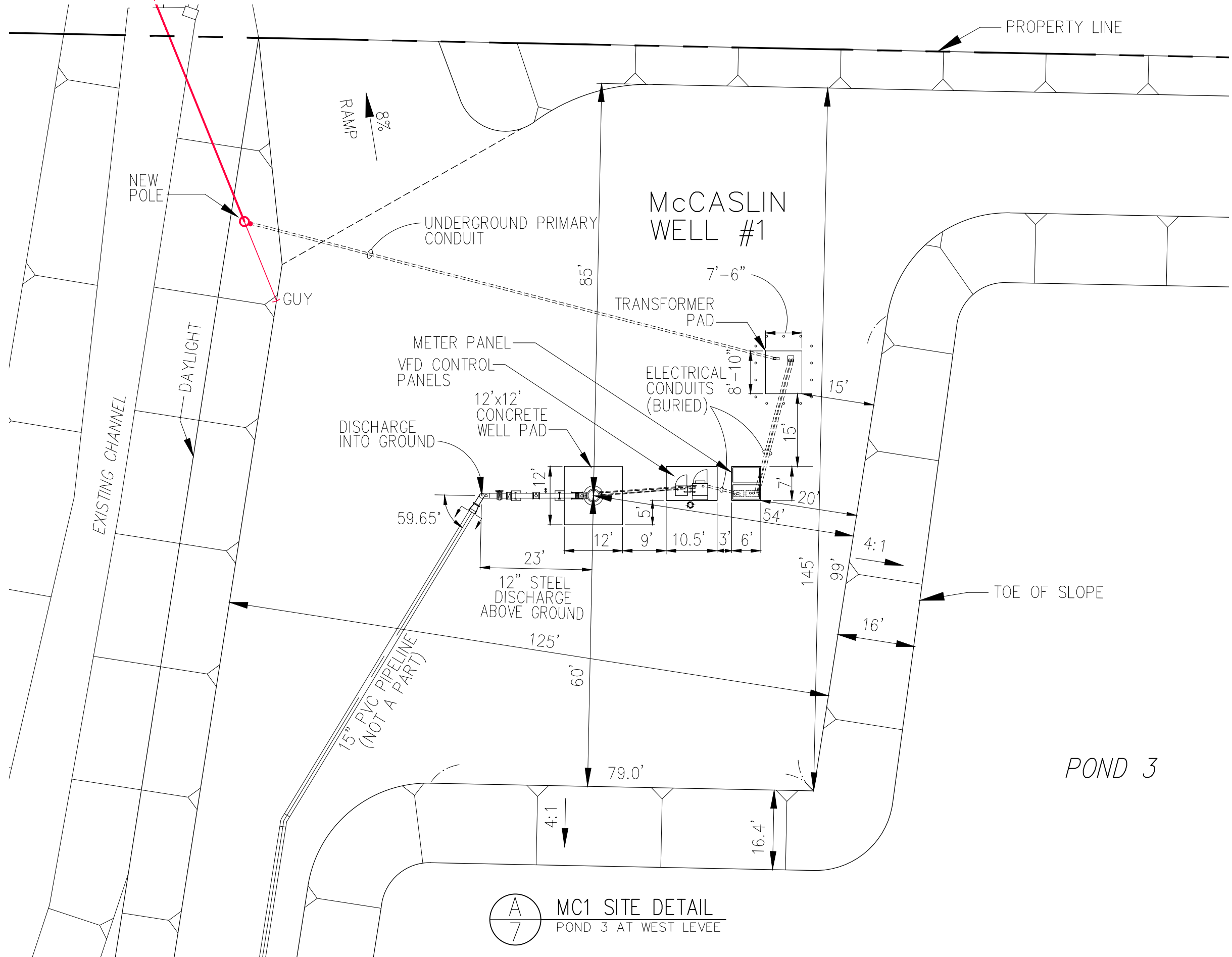
DATE: JUNE 28, 2023  
 SCALE: AS NOTED  
 DRAWN BY: W. FREY  
 CHECKED BY: W. ZEIDERS  
 FILE NAME: McCASLIN & BOWLING...

**R.R.B.W.S.D.**  
**McCASLIN / BOWLING WELL PLANS**  
**WELL SITE PLANS**  
**LOCATION MAP - B1**

**RRB ROSEDALE-RIO BRAVO**  
**WATER STORAGE DISTRICT**  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8366

CONTINUES TO EXISTING POLE ~84' NORTHWEST OF NEW POLE  
(SEE SHEET 34)



**A**  
**7** MC1 SITE DETAIL  
POND 3 AT WEST LEVEE



REV.	DATE	DESCRIPTION

DATE: JUNE 28, 2023  
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CHECKED BY: W. ZEIDERS  
FILE NAME: McCASLIN & BOWLING...

**R.R.B.W.S.D.**  
McCASLIN / BOWLING WELL PLANS  
WELL SITE LAYOUT  
McCASLIN WELL #1 (MC1)

**R2B ROSEDALE-RIO BRAVO**  
WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8366

POND 2

POND 1

McCASLIN WELL #2

DISCHARGE INTO GROUND

15" PVC PIPELINE (NOT A PART)

12" STEEL DISCHARGE ABOVE GROUND

UNDERGROUND PRIMARY CONDUIT

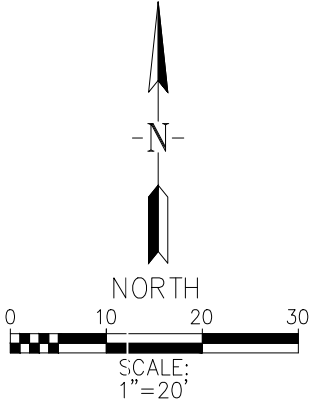
VFD CONTROL PANELS  
METER PANEL

TRANSFORMER PAD

ELECTRICAL SERVICE POINT FOR WELL MC2 FROM SOUTH

NEW POLE

PROPOSED OVERHEAD ELECTRIC



A  
8

MC2 SITE DETAIL  
POND 1 AT WEST LEVEE



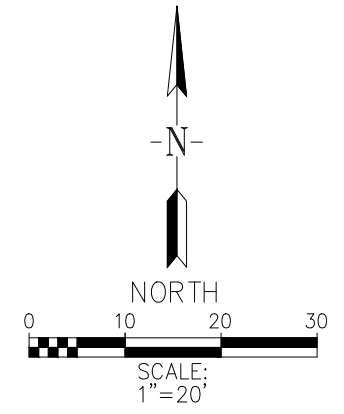
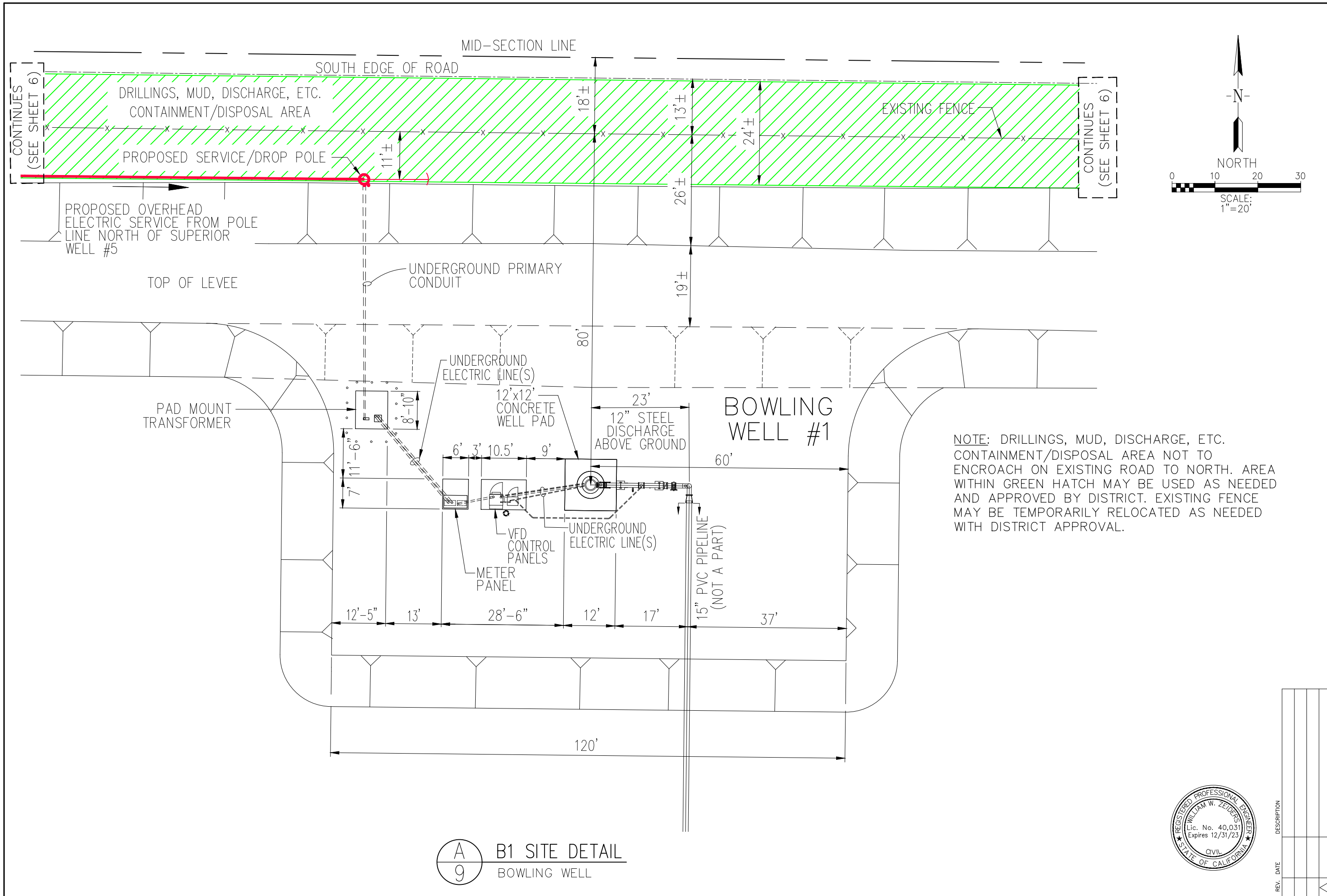
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 CHECKED BY: W. ZEIDERS  
 FILE NAME: McCASLIN & BOWLING...

**R.R.B.W.S.D.**  
 McCASLIN / BOWLING WELL PLANS  
 WELL SITE LAYOUT  
 McCASLIN WELL #2 (MC2)

**R2B ROSEDALE-RIO BRAVO**  
 WATER STORAGE DISTRICT  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8366



NOTE: DRILLINGS, MUD, DISCHARGE, ETC. CONTAINMENT/DISPOSAL AREA NOT TO ENCROACH ON EXISTING ROAD TO NORTH. AREA WITHIN GREEN HATCH MAY BE USED AS NEEDED AND APPROVED BY DISTRICT. EXISTING FENCE MAY BE TEMPORARILY RELOCATED AS NEEDED WITH DISTRICT APPROVAL.

**A**  
**9** B1 SITE DETAIL  
BOWLING WELL



REV.	DATE	DESCRIPTION

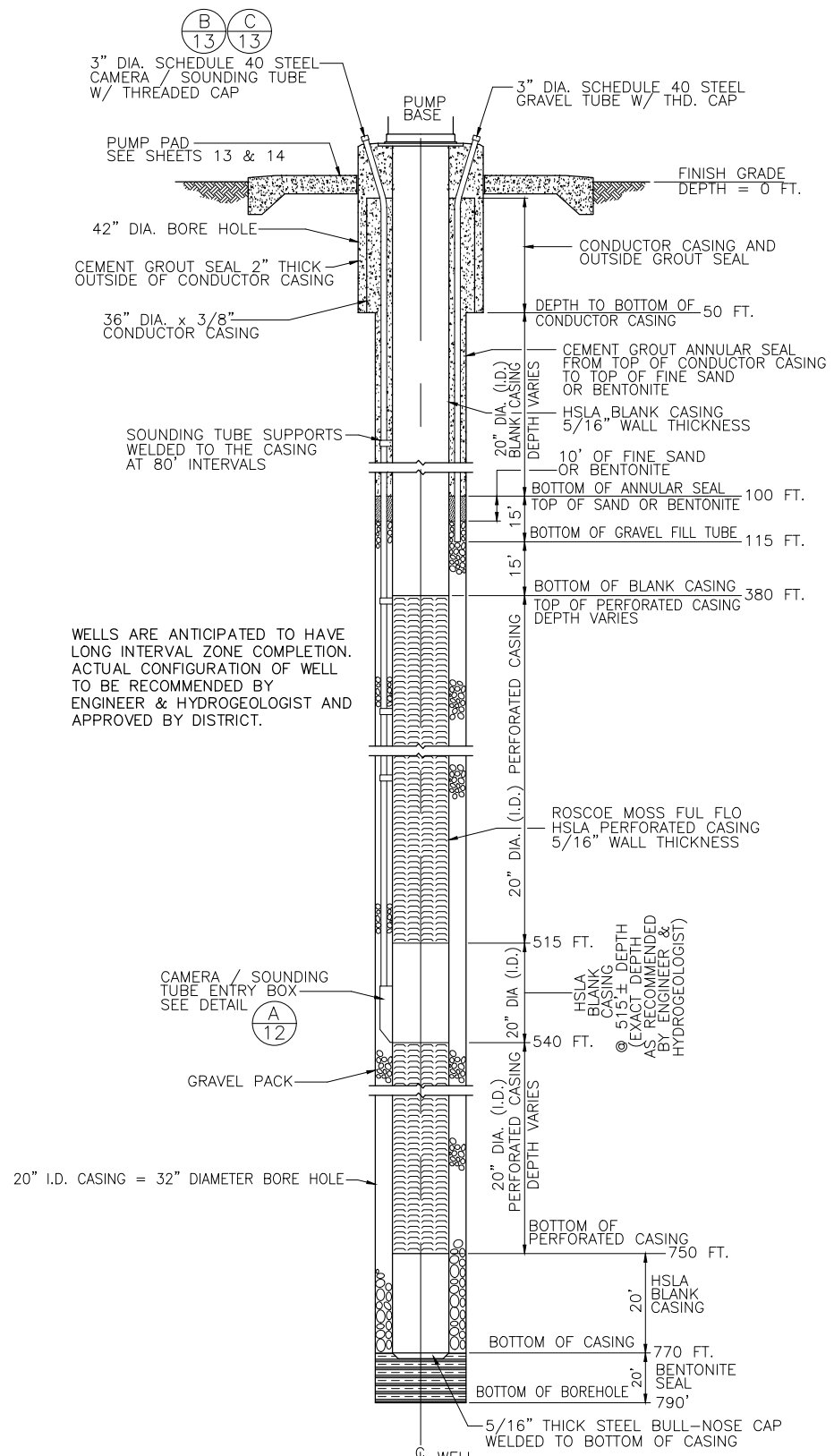
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DRAWN BY: W. FREY  
CHECKED BY: W. ZEIDERS  
FILE NAME: MCCASLIN & BOWLING...

**R.R.B.W.S.D.**  
**MCCASLIN / BOWLING WELL PLANS**  
**WELL SITE LAYOUT**  
**BOWLING WELL (B1)**

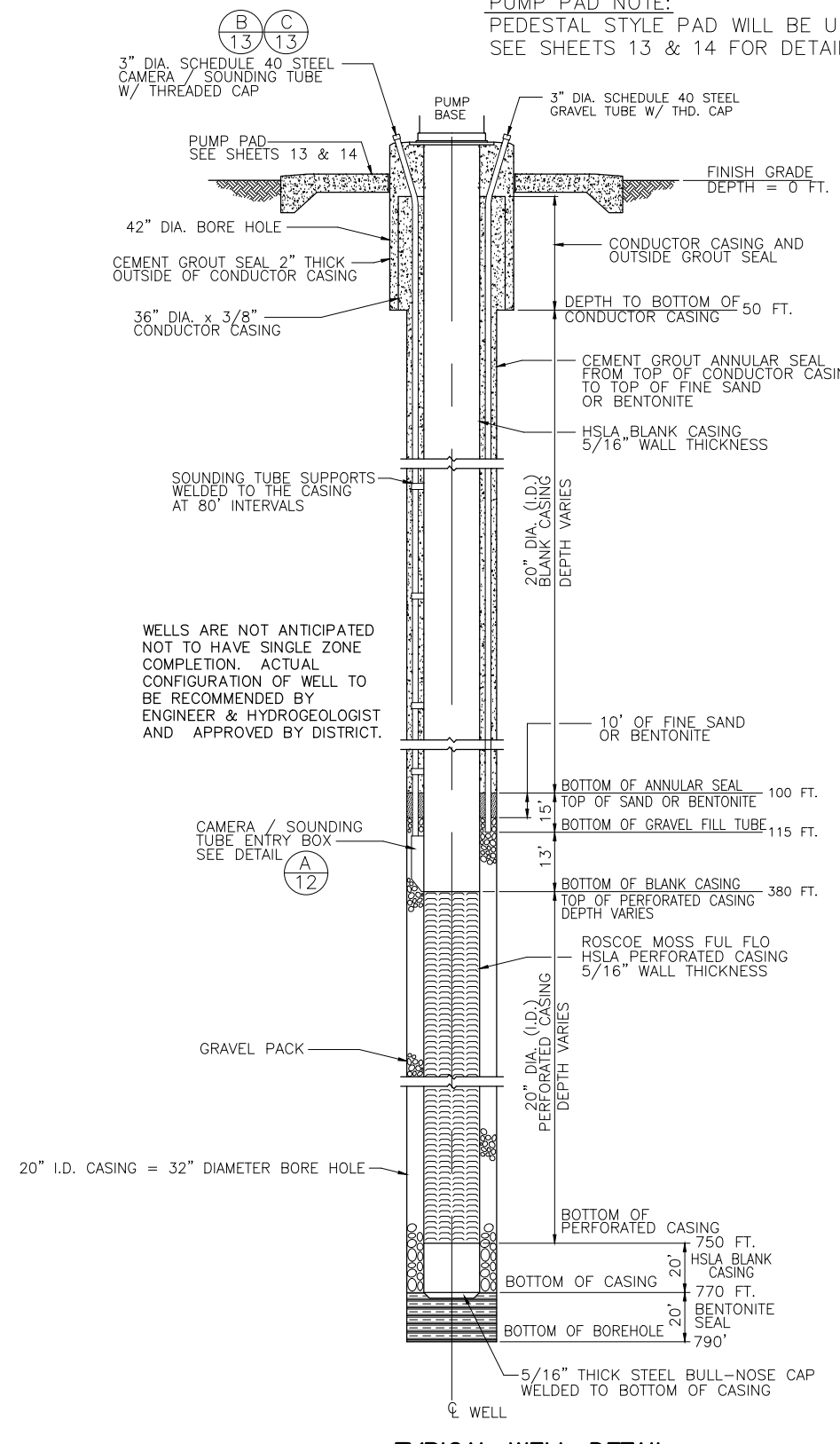
**R2B ROSEDALE-RIO BRAVO**  
**WATER STORAGE DISTRICT**  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390

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1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8866

# McCASLIN WELLS 1 & 2

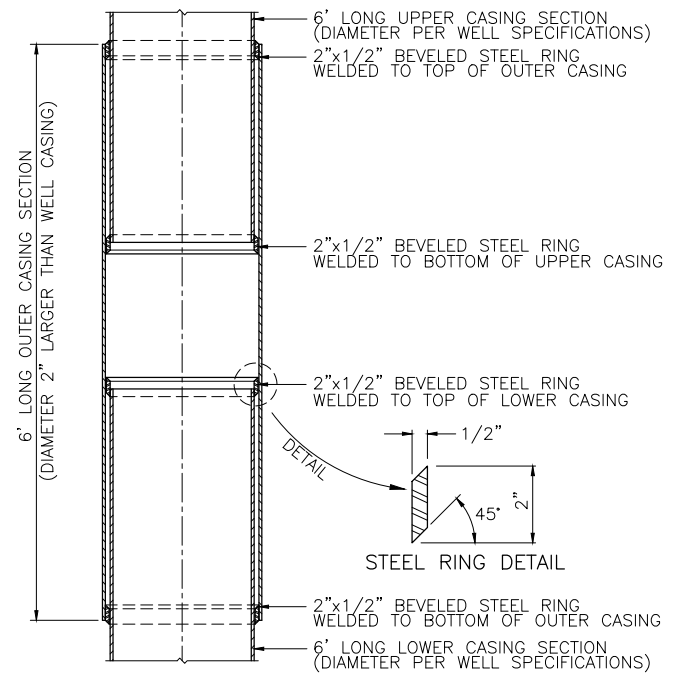


**(A) TYPICAL WELL DETAIL - LONG INTERVAL ZONE COMPLETION**  
 10 FOR WELLS MC1 & MC2 NOT TO SCALE



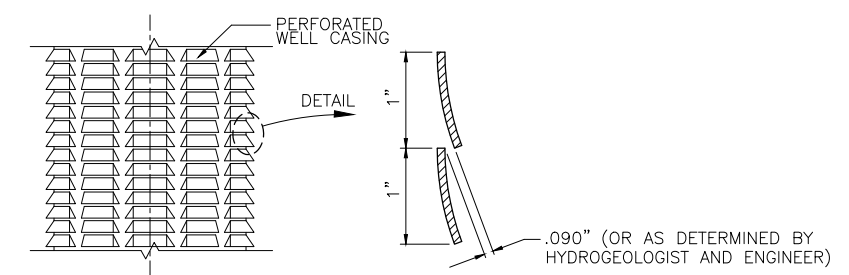
**(B) TYPICAL WELL DETAIL - DEEP COMPLETION**  
 10 NOT ANTICIPATED NOT TO SCALE

**PUMP PAD NOTE:**  
 PEDESTAL STYLE PAD WILL BE USED.  
 SEE SHEETS 13 & 14 FOR DETAILS.



**NOTE:**  
 FABRICATED FROM 3 SECTIONS OF CASING, TWO OF WHICH ARE THE SAME DIAMETER AND WALL THICKNESS AS THE WELL CASING. JOINTS ARE FURNISHED WITH BEVELED STEEL RINGS. ONE RING IS WELDED TO THE BOTTOM OF THE UPPER SECTION AND ONE RING TO THE TOP OF THE LOWER SECTION. THUS, THE JOINTS ARE FREE TO TELESCOPE WITHIN THE OUTER SECTION WHICH IS EQUIPPED WITH RINGS AT EACH END.  
 LOCATION OF COMPRESSION SECTION TO BE DETERMINED AT TIME OF CASING DESIGN.

**(D) TYPICAL COMPRESSION SECTION DETAIL**  
 10 NOT ANTICIPATED NOT TO SCALE



**(C) HORIZ. HSLA FUL FLO LOUVERED SCREEN**  
 10 ROSCOE MOSS HSLA FUL FLO PERFORATED CASING NOT TO SCALE

- LEGEND**
- CEMENT GROUT ANNULAR SEAL
  - SRI SUPREME GRAVEL 1/4"x16
  - BENTONITE SEAL
  - ROSCOE MOSS, HSLA CASING FUL FLO .090" PERFORATIONS

NOTE: DETAILS SHOWN ARE FOR BIDDING PURPOSES. ALL FINAL DEPTHS AND WELL DESIGNS SHALL BE DETERMINED BY THE ENGINEER AND HYDRO GEOLOGIST AFTER THE E-LOG IS PERFORMED IN THE PILOT BOREHOLE.



REV.	DATE	DESCRIPTION

10 of 37

**ZEIDERS CONSULTING**  
 1655 GREELEY ROAD  
 BAKERSFIELD, CA. 93314  
 (661) 589-8866

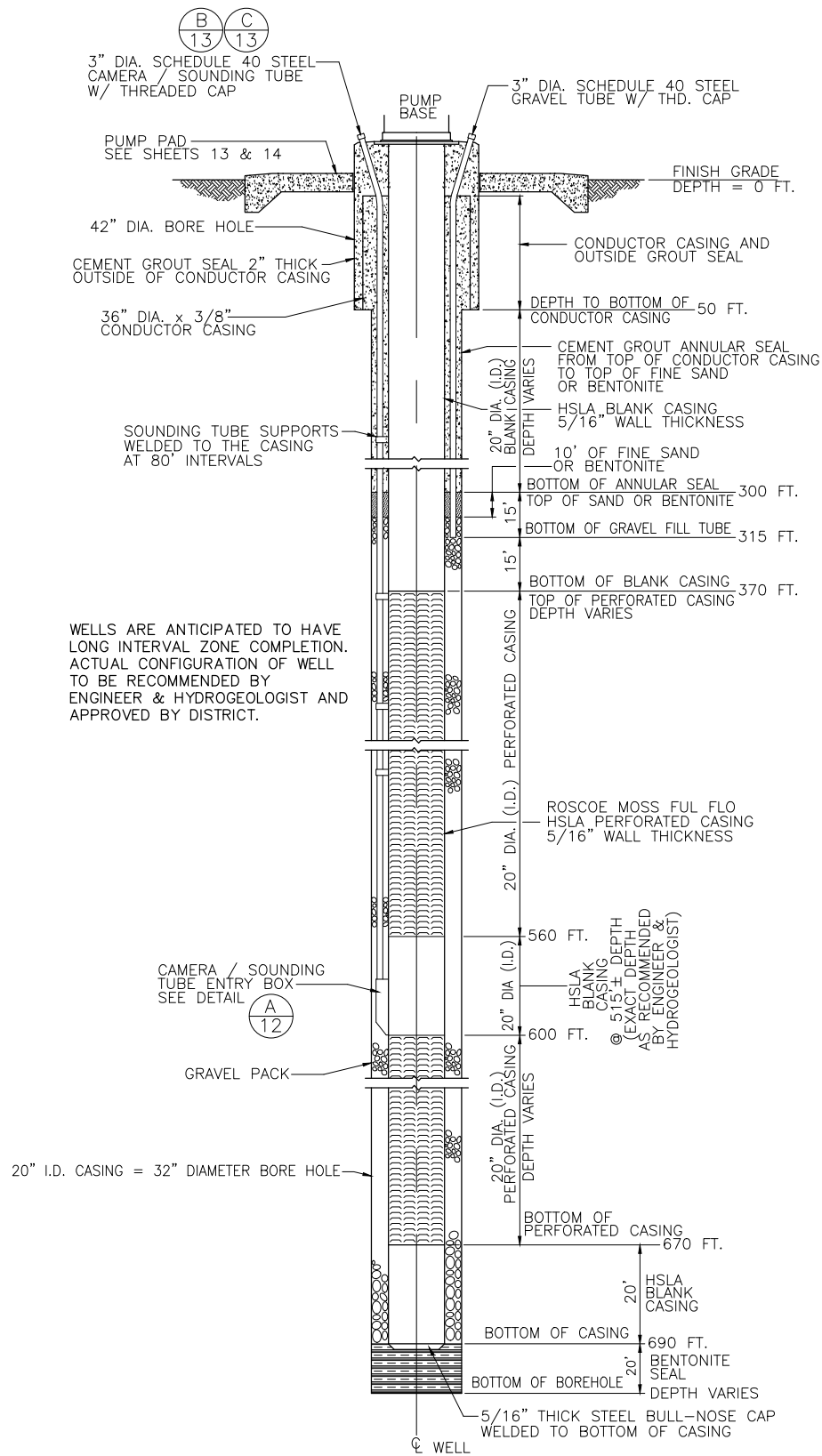
**R3 ROSEDALE-RIO BRAVO**  
 WATER STORAGE DISTRICT  
 849 ALLEN ROAD  
 P.O. BOX 20820  
 BAKERSFIELD, CA. 93390

**R.R.B.W.S.D.**  
 McCASLIN / BOWLING WELL PLANS  
 WELL CONSTRUCTION DETAIL  
 WELLS MC1 & MC2

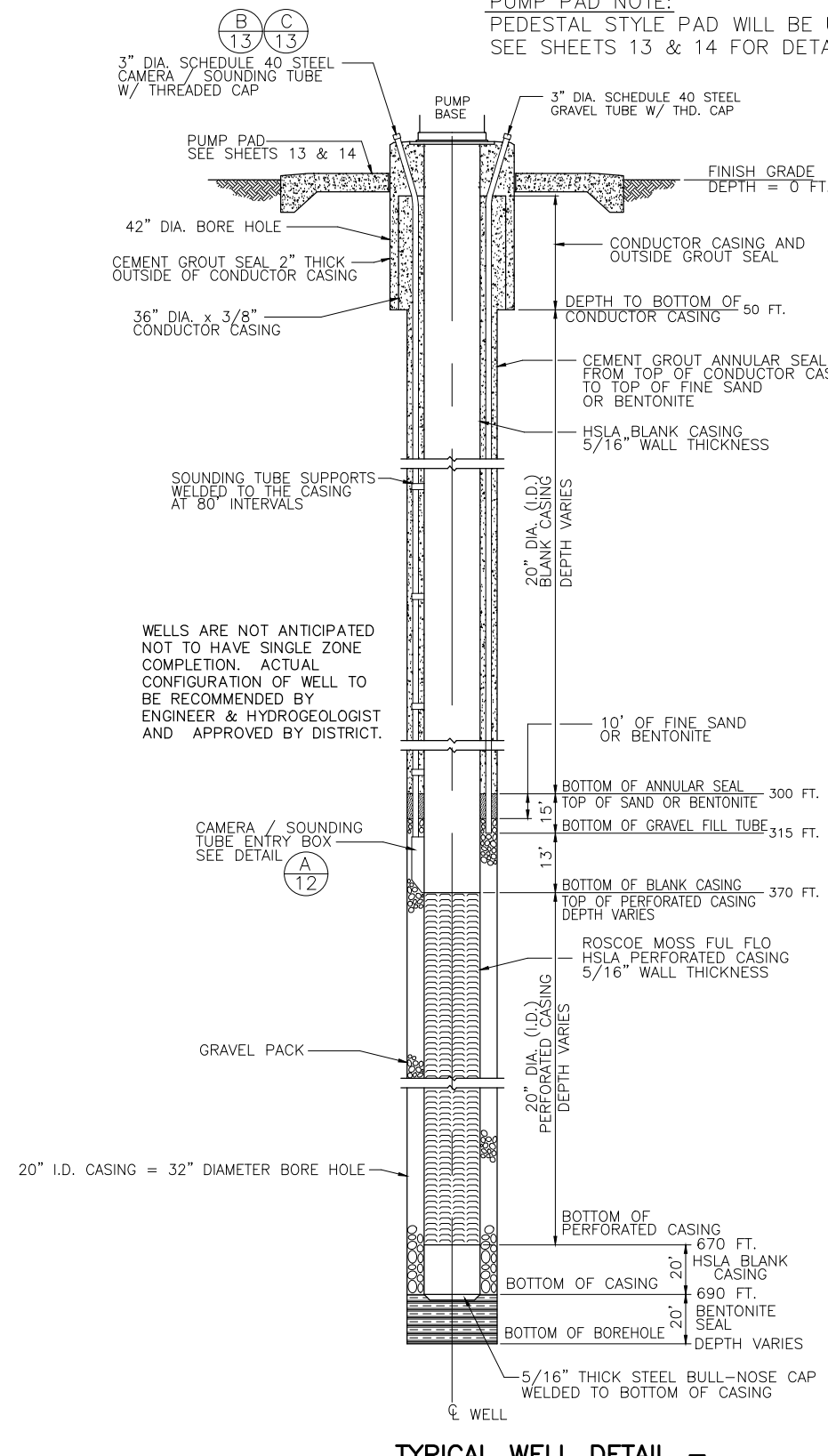
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# BOWLING WELL 1

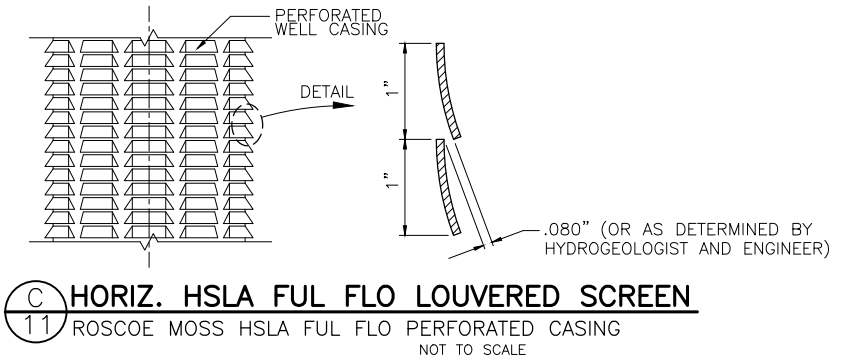
**PUMP PAD NOTE:**  
PEDESTAL STYLE PAD WILL BE USED.  
SEE SHEETS 13 & 14 FOR DETAILS.



**TYPICAL WELL DETAIL - LONG INTERVAL ZONE COMPLETION**  
FOR WELL B1 NOT TO SCALE



**TYPICAL WELL DETAIL - DEEP COMPLETION**  
NOT ANTICIPATED NOT TO SCALE



**LEGEND**

- CEMENT GROUT ANNULAR SEAL
- SRI SUPREME GRAVEL 1/4"x16
- BENTONITE SEAL
- ROSCOE MOSS HSLA CASING FUL FLO .090" PERFORATIONS



NOTE: DETAILS SHOWN ARE FOR BIDDING PURPOSES. ALL FINAL DEPTHS AND WELL DESIGNS SHALL BE DETERMINED BY THE ENGINEER AND HYDROGEOLOGIST AFTER THE E-LOG IS PERFORMED IN THE PILOT BOREHOLE.

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**R.R.B.W.S.D.**  
McCASLIN / BOWLING WELL PLANS  
WELL CONSTRUCTION DETAIL  
BOWLING WELL (B1)

**R3 ROSEDALE-RIO BRAVO**  
WATER STORAGE DISTRICT  
849 ALLEN ROAD  
P.O. BOX 20820  
BAKERSFIELD, CA. 93390

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1655 GREELEY ROAD  
BAKERSFIELD, CA. 93314  
(661) 589-8866

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

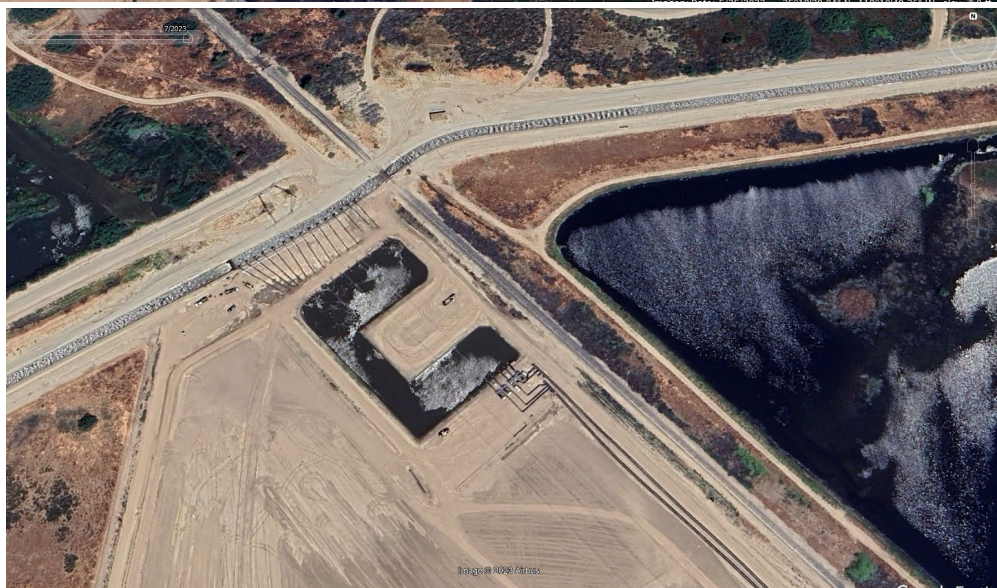
FROM: Dan W. Bartel

DATE: July 11, 2023

RE: James GBA Operations Report

**Discussion:**

BVWSD has developed the golf course and other areas for pilot recharge per the Governor's Order. RRBWSD has not participated.



# STEPS to Exit State Intervention



- **GSA(s) revise plan** – Address DWR deficiencies (Board's deficiencies if on probation)
- **Technical meeting(s)** – GSAs explain to Board staff how deficiencies are addressed
- **Board staff review** – Time estimate available once the plan(s) are received
- **Board-DWR coordination**
- **Board decides** – Are deficiencies addressed?  
*We want to get these plans*



# Kern : Potential Schedule



2023-2024



*that this time line is quite similar.*





SWRCB Technical Staff  
Meeting No. 1  
Coordination Committee Debrief

**Kern County Subbasin**

June 28, 2023, 3pm

# Overview

- Water Board staff in person, some online
  - SWRCB In-Person: Natalie Stork, Tina Leahy, Sarah Sugar, Anthony Wohletz, David Rose, Amanda Pearson
  - SWRCB Virtual: Anu Krishnaswamy, Zach Mayo, Austin Poncelet, Andrew Renshaw
  - DWR Virtual: Paul Gosselin and Monica Salais listened online
- In-person staff were engaged and interactive
  - communicated openly, asked questions, and appeared comfortable expressing their point of view
- Agreed to try meeting regularly but could not commit to monthly
- Preference is small, short and offered virtual meetings

# Key Issues

1. Water Supply Accounting, Banking Programs, and GW Balance
2. Groundwater Level Minimum Thresholds
3. Well Impacts
4. Projects and Management Actions
5. Plan(s) Length and Structure

# Water Supply Accounting, Banking Programs, and GW Balance

# Water Supply Accounting and Banking

- Questions and concerns regarding “in-lieu” banking
- Show the accounting of what is legally surface water and groundwater
- Very important to understand how the banking programs work
- Define the balance of groundwater in the basin at a fundamental level
- Show clear water supply accounting
- Concern about MTs being set below the previously low water level during recovery

# Water Banks

- Staff purport to understand how important the water banks are in Kern, but are skeptical about the recovery and crediting aspects.
- Concerned about physical impacts from recovery.

# Groundwater Level Minimum Thresholds

# GW Level Minimum Thresholds

- Perspective is that the intent of SGMA was to not let anything get worse than it was in 2015.
- If there's going to be a continued decline, there needs to be a full discussion of the impacts and who's affected.
- Really need to include robust discussion of
  - What impacts occur between historic low and the MT?
  - What does sustainability look like?
  - What does mitigation look like?
- What is the back-up plan if water levels decline to the MT?
  - What triggers a management action?
  - What are the management actions?



# Well Impacts

# Well Impacts

- Emphasized the importance of a well inventory
  - Don't ignore "other" and "unknown" well types in DWRs dataset
- Generally OK with screening wells by age in the impacts analysis as long as they're not excluded from mitigation
- "How is one well going dry not significant?"
- Note the "impacts" to well users goes as far as understanding the effects on property owners from having to deal with water outage, and issues with temporary replacement water while they're waiting for the new well.
- Make sure to define the full impacts and full scope of mitigation.

# Well Inventory

- Submitted public records request to Kern County EHS
- The requested dataset should include:
  - WCR Number, Permit Number, Owner Well Number
  - Type of Well, Intended Use
  - Well Site/Property Information (i.e., address, City, Township-Range-Section, Assessor Parcel Number),
  - Total acres, GPS coordinates
  - Well construction information (total and completed depth, casing size, screened interval, sanitary seal depth
  - Well status, if known
- Will parse records to reconcile DWR and Kern County dataset
- Each GSA will receive a list of wells that need to be validated

# Mitigation Program

- Brief discussion to confirm we understand their expectation for what a mitigation program should look like
- Meeting with Dan B and Jon P to discuss conceptual plan and approach to moving forward
- Drafting a white paper on our recommended plan and will present to the TWG, then Coordination Committee?
  - Proposing a Subbasin-wide approach with a single Point of Contact for the community
  - Plan will be consistent with DWR Guidance for Identifying and Addressing Drinking Water Well Impacts, March 2023.
  - Will aim to minimize impacts to well users including the effects of waiting for a new well.

# Projects and Management Actions

# Project & Management Actions

- Advised not to rely on any supply augmentation.
  - All available surface water is fully allocated so State Board staff are not accepting “new water” as a solution to overdraft.
- Recycled water might be an exception to water supply augmentation
- Plan A should be demand reduction while the GSAs work on Plan B, which is to increase supply
- If an overdrafted GSA is relying on supply augmentation, they really need to show their work including water rights information to prove the supply is real

# Plan(s) Length and Structure

# Issues with Current Plans

- Kern plans are overly complicated
- Critical that the first submittal was ~30k pages, revised plans were ~13k pages to review
- Plans need to be submitted in advance of the hearing
- Stressed that the review duration would be a function of plan length and complexity
- State Board staff are mainly interested in hearing how we will address the deficiencies identified by DWR



# Plan(s) length & Structure

- Emphasized their strong preference for a single plan
  - “I cannot stress enough how simplification would help.” –Tina Leahy
- Size of the basin shouldn’t be an issue because Kern doesn't have that many wells
- If the Plan looks complex and is hard for staff to understand, they’re not going to assume it's right, “we’re going to assume its uncoordinated and inadequate.” –Tina Leahy
- One legal team member seemed open to a very coordinated series of plans that all read exactly the same except for a small section at the end of each chapter that discusses local specifics
  - Not “why” an area is different, but “what” is being done differently to achieve sustainability for local beneficial users, etc.

# Thank You



**KERN GROUNDWATER AUTHORITY**  
**TEMPORARY ASSOCIATE MEMBERSHIP AGREEMENT**

THIS TEMPORARY ASSOCIATE MEMBERSHIP AGREEMENT (“Agreement”) is made and effective as of \_\_\_\_\_, 2023, by and between the Kern Groundwater Authority, a California Joint Powers Authority (“KGA”) on the one hand, and Cawelo Water District, a California water district (“Cawelo”), North Kern Water Storage District, a California water storage district (“North Kern”), Rosedale-Rio Bravo Water Storage District, a California water storage district (“Rosedale”), Shafter-Wasco Irrigation District, a California irrigation district (“SWID”), and Southern San Joaquin Municipal Utility District, a California municipal utilities district (“SSJMUD”) on the other hand. Cawelo, North Kern, Rosedale, SWID and SSJMUD are referred to herein collectively as the “Districts” and individually as “District.” KGA and the Districts are also referred to herein collectively as the “parties” and individually as a “party.”

This Agreement is made with reference to the following facts and understandings.

A. In 2014, the California Legislature passed comprehensive groundwater legislation referred to as the “Sustainable Groundwater Management Act” (“SGMA”), which became effective on January 1, 2015. In adopting SGMA, the Legislature intended “[t]o provide local groundwater agencies with the authority and technical and financial assistance necessary to sustainably manage groundwater.” (California Water Code Section 10720(d).)

B. Certain local agencies with jurisdiction over groundwater management, including the Districts, have entered into that certain *Kern Groundwater Authority for the Tulare Lake Basin Portions of Kern County Joint Powers Agreement* dated as of May 27, 2014 (“JPA”) which has been amended and restated from time to time, pursuant to which they formed the KGA for the purposes set forth therein.

C. As of the date of this Agreement, the Districts are General Members of the KGA, as that term is defined in the JPA, and have been General Members since the inception of the KGA. As General Members, each of the Districts has previously adopted and submitted to the KGA a separate chapter of the KGA’s Groundwater Sustainability Plan covering the lands within the boundaries of the respective Districts’ management areas.

D. On or around January 30, 2020, and July 27, 2022, KGA submitted its GSP, including the Districts’ chapters, to DWR for review and approval.

E. On March 2, 2023, DWR determined that all of the GSP’s for the Kern County Subbasin are inadequate. The KGA and the Districts are currently working with other GSA’s overlying the Kern Subbasin to correct the deficiencies identified by DWR.

F. Each of the Districts have elected to become and are (or will soon be) GSAs. Each of the Districts has provided the KGA Board of Directors (“Board”) with notice of its intent to withdraw from the KGA.

G. The Districts intend to become parties to the *Kern County Subbasin Coordination Agreement*, to be members of the Basin Coordination Committee formed thereunder, and to develop their own GSP's covering the lands within their respective GSA boundaries that address the inadequacies identified by DWR in its June 2, 2023 letter.

H. The Districts desire to become Associate Members of the KGA on a temporary basis, until such time that the entire Kern Subbasin can submit a revised GSP (or GSPs) addressing the inadequacies identified by DWR, or such other time as may be necessary and appropriate.

I. The JPA provides that the KGA may from time to time admit Associate Members on terms and conditions consistent with SGMA and as determined by the KGA Board. Associate Members means those members of the KGA that are not General Members. Representatives of Associate Members may not serve on the KGA Board and/or KGA Board Committees. Likewise, while Associate Members may provide the KGA Board with input, the representatives of Associate Members shall be non-voting, their presence shall not be counted in determining whether a quorum is present at KGA Board meetings, and they shall not be permitted in closed sessions of the KGA Board.

J. The KGA and the Districts, individually and collectively, share the goal of ensuring sustainable groundwater management in the Kern County Subbasin and of obtaining approval of the Groundwater Sustainability Plan for the entire Kern Subbasin by DWR and/or the State Water Resources Control Board ("State Board"), and avoiding probationary status and/or the implementation of an interim plan by the State Board.

THEREFORE, in consideration of the foregoing, and of the mutual promises, covenants and conditions herein set forth, the Districts and the KGA agree as follows:

1. TERM: This Agreement shall become effective upon execution by all parties, and shall remain effective until such time as all of the GSA's in the Kern Subbasin, including the Districts, submit a GSP (or GSPs) to the State Board and/or DWR, as may be required by such agencies, addressing the inadequacies identified in DWR's March 2, 2023 letter. The precise date of the end of the term of this Agreement shall be determined by written notice of each District to the KGA. Notwithstanding the foregoing, any party may terminate this Agreement upon 30 days' written notice to the other parties. In the event less than all of the Districts give notice to terminate this Agreement prior to the end of the term, the remaining District(s) and KGA may elect to have this Agreement remain in effect as between KGA and such remaining District(s).

2. ASSOCIATE MEMBERSHIP: Upon execution of this Agreement, the Districts' status as General Members of the KGA shall be immediately terminated, and they shall become Associate Members of the KGA pursuant to the terms and conditions of this Agreement. As Associate Members, the District's representatives to the KGA may not serve on the KGA Board and/or KGA Board Committees and they shall have no right to vote on matters decided by the KGA. The Districts' representatives shall not be counted in determining whether a quorum is present at KGA Board meetings, and they shall not be permitted in closed sessions of the KGA Board.

3. COSTS: Pursuant to the JPA, each District shall remain responsible for its

respective share for all obligations for assessments to pay costs or liabilities of the KGA which were incurred prior to the date of the District's notice of withdrawal. Thereafter, each District shall not be obligated to pay any of KGA's costs except as set forth herein. Each of the Districts shall be responsible for all actual costs incurred to revise the boundary of the KGA upon the District's withdrawal. Nothing herein shall prohibit any District from agreeing to pay other KGA costs covered by a Special Activity Agreement.

4. COORDINATION COMMITTEE: Nothing in this Agreement shall prohibit any or all of the Districts from executing any amendment to the *Kern County Subbasin Coordination Agreement* or from becoming a member of the Basin Coordination Committee formed thereunder.

5. DEVELOPMENT OF GSPs: During the term of this Agreement, the Districts shall develop their own GSPs (either individually or collectively) covering the lands within their respective GSA boundaries; the Districts shall coordinate and cooperate with the KGA and other GSAs in the subbasin on the development, adoption and submission of their GSPs. The Districts shall be solely responsible for all costs associated with the development of their GSPs, including but not limited to the cost of all efforts necessary to revise the Water Budget Baseline Conditions appendices to the *Kern County Subbasin Coordination Agreement*.

6. PROVISION OF JURISDICTION: Each District shall obtain and execute agreements with other agencies in order to provide jurisdiction over those lands outside the District's respective District boundaries but within its GSA boundaries and/or that are currently under contract with the Districts to provide SGMA services and jurisdiction. During the term of this Agreement, all of the terms and conditions of any *Provision of Jurisdiction Agreement* between the KGA and any District shall remain in full force and effect unless terminated as provided for therein; upon termination of this Agreement, any such agreements shall automatically terminate and neither the KGA nor any of its other members shall be required to provide jurisdiction over any such lands/landowners that have contracted with the Districts for SGMA services and jurisdiction. The Districts shall not be obligated to provide any services or jurisdiction over nor shall they (jointly or severally) be responsible for any of the so-called "undistricted lands" that are outside of their GSA boundaries and/or that not under contract with the Districts (or any of them) for the provision of SGMA services and jurisdiction.

7. SGMA IMPLEMENTATION: Each District shall have the sole right and responsibility to implement SGMA within its respective management area boundaries in a manner determined by each District. The KGA will not have the authority to limit or interfere with the respective Districts' rights and authorities over their own internal matters, including but not limited to each District's surface water supplies, facilities, operation, and any other water management activities.

8. COOPERATION: The KGA and the Districts will cooperate with one another on all actions that are necessary to effectuate the purposes and provisions of this Agreement.

9. INDEMNIFICATION: Each District shall indemnify, defend and hold the KGA and its other members harmless from and against any liability, cause of action or damage to the extent arising out of its performance of this Agreement.

10. SEVERABILITY AND VALIDITY OF AGREEMENT: Should the participation of any party to this Agreement, or any part, term or provision of this Agreement be decided by a courts or the legislature to be illegal, in excess of that party's authority, in conflict with any law of the State of California, or otherwise rendered unenforceable or ineffectual, the validity of the remaining portions, terms or provisions of this Agreement shall not be affected thereby and each party hereby agrees it would have entered into this Agreement upon the remaining terms and provisions.

11. EXECUTION IN PARTS OR COUNTERPARTS: This Agreement may be executed in parts or counterparts, each part or counterpart being an exact duplicate of all other parts or counterparts, and all parts or counterparts shall be considered as constituting one complete original and may be attached together when executed by the parties hereto. Facsimile or electronic signatures shall be binding.

12. NOTICES: Notices authorized or required to be given pursuant to this Agreement shall be in writing and shall be deemed to have been given when mailed, postage prepaid, or delivered in person or by electronic mail during working hours to the addresses set forth below for each of the parties hereto, or to such other changed addresses communicated to the Authority and the Districts in writing.

IN WITNESS WHEREOF, the parties hereto, pursuant to authority provided by their respective Board of Directors or governing board, have caused their names to be affixed by their proper and respective officers as of the day and year first above-written.

SIGNATURES  
NAMES/TITLES  
ADDRESSES FOR NOTICE

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

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

June 21, 2023

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

**Agenda**

1. Call to order – 1:30 p.m.
2. Cross Valley Canal Advisory Committee Members Report
3. Public Comment
4. Approval of Cross Valley Canal Advisory Committee Meeting Minutes  
Regular Meeting – April 24, 2023
5. Report of the Water Resources Manager
  - a. Update on Cross Valley Canal Construction/Maintenance Projects
6. Report on Cross Valley Canal Operations and Deliveries
  - a. Operations and Maintenance Activity
  - b. Year-to-Date Deliveries
7. Recommendation to Execute Change Order No. 2 to Cross Valley Canal Extension Lining Project Pool No. 8 – Contract No. KCWA 2022-05
8. Recommendation to Execute Amendment No. 7 to the Kern County Water Agency Agreement for Professional Consulting Services with GEI Consultants, Inc.
9. Recommendation to Issue the Notice of Completion to Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11
10. Recommendation to Execute a Contract for Crane and Trucking Services
11. Adjourn

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

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

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

**Kern-Tulare Water District  
5001 California Avenue, Suite 102  
Bakersfield, CA 93309**

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

# DRAFT

## KERN COUNTY WATER AGENCY CROSS VALLEY CANAL ADVISORY COMMITTEE

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3200 Rio Mirada Drive, Bakersfield, CA 93308  
Phone: (661) 634-1400

Minutes  
April 24, 2023

The Cross Valley Canal Advisory Committee conducted a special meeting Monday April 24, 2023 at 1:30 p.m. in the board room of the Kern County Water Agency's Stuart T. Pyle Water Resources Center, via teleconference, and go to meeting. Those who attended the meeting were as follows:

Members Present:

Arvin-Edison Water Storage District Improvement District No. 4	Jeevan Muhar Tim Ruiz Dave Beard, alt
Kern County Water Agency Kern Delta Water District	Sheridan Nicholas Steven Teglia Richard Iger, alt
Kern Tulare Water District Rosedale-Rio Bravo Water Storage District	Vanessa Yap, alt Trent Taylor, alt

Participating Telephonically:

Cawelo Water District	David Ansolabehere David Halopoff, alt
Fresno-Tulare Group	Eric Limas John Domondon, alt
Kern County Water Agency Rosedale-Rio Bravo Water Storage District	Jason Gianquinto, alt Roy Pierrucci, alt

Others Present:

Kern County Water Agency	Thomas McCarthy Lauren Bauer Candice Valdez Kris Budak Director Royce Fast Director Gene Lundquist Thane Campbell Steve Yoder Monica Tennant Scott Chambless Stephanie Prince
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Belridge Water Storage District, Berrenda Mesa Water District, and Lost Hills Water District	Jamie Marquez
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1. Call to order – 1:30 p.m. Chairman Sheridan Nicholas called the Cross Valley Canal (CVC) Advisory Committee (Committee) special meeting to order at 1:30 p.m. and directed the Committee to the agenda for further discussion. The meeting was conducted by go to meeting and telephone conference, so the proceeding agenda items that required an action by all participants were taken as a roll call vote.



2. Cross Valley Canal Advisory Committee Members Report No comments.

3. Public Comment No comments.

4. Approval of Cross Valley Canal Advisory Committee Meeting Minutes

Action: Steve Teglia made a motion and Vanessa Yap seconded to approve the minutes from the March 22, 2023 regular meeting.

Roll call vote: Ayes: Ruiz, Nicholas, Teglia, Yap, Ansolabehere, Domondon, Taylor, Muhar  
Noes: None  
Absent: None

5. Report of the Water Resources Manager

a. Update on Cross Valley Canal Construction/Maintenance Projects – Lauren Bauer provided a brief update monthly overview of the CVC facilities improvements, outages and construction projects.

6. Report on Cross Valley Canal Operations and Deliveries

a) Operations and Maintenance Activity – Thane Campbell reported that staff cleaned tumbleweeds from forebays and afterbays with the Gradall excavator, removed reverse flow elbow and installed 400/565 horsepower (hp) pump 1F at Pumping Plant No. 1A, burned tumbleweeds along CVC rights-of-way when permitted by San Joaquin Air Pollution Control District, assisted contractor with multiple SCADA issues, assisted various contractors and consultants associated with multiple Kern County Water Agency (Agency) projects, installed 400/565 hp pump and motor 2F at Pumping Plant No. 2A, received Aqueduct Cofferdam back from Antelope Valley-East Kern Water Agency, repaired P-11 turnout meter, assisted electrical staff with a power failure at Pumping Plant No. 5A, continued to collect groundwater level measurements from CVC Pools 1-8 piezometers, performed spare pump maintenance by spinning pump shafts on all spare and un-installed pumps, performed pre-emergent herbicide applications, performed extensive fence and gate repairs, performed road and levee maintenance and washout repairs along CVC rights-of-way, continued rodent abatement along CVC rights-of-way, performed siphon breaker and compressor checks throughout entire Canal system, performed electrical preventative maintenance checks and testing at all CVC Motor Control Centers (MCC), performed routine maintenance activities that included vehicle and heavy equipment maintenance repairs, pump maintenance and interior MCC building cleaning, continued to update Field Operations staff of the most recent California Department of Public Health's guidelines and Governor's Executive Orders and performed a monthly safety inspection at the CVC Operations and Maintenance Center.

b) Year-to-Date Deliveries – Monica Tennant reported that deliveries for March 2023 were approximately 58,837 acre-feet, with deliveries on behalf of Improvement District No. 4, Rosedale-Rio Bravo Water Storage District, Cawelo Water District, Kern-Tulare Water District, and other Agency Member Units. Deliveries were made in both forward and reverse flow.

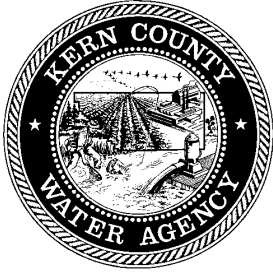
7. Recommendation to Execute Change Order No. 6 to Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11 – Kris Budak reported that on December 4,

2018, the Agency executed a procurement contract for the Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11. Contract Change Order No. 6 extends the duration of the existing contract to account for delays in inspection, testing and delivery. Agency staff recommended execution of the change order for a no cost contract time extension of 60 calendar days.

Action: Tim Ruiz made a motion and Steve Teglia seconded to recommend authorizing execution of Change Order No. 6 to Procure Spare Pumps for the Cross Valley Canal - Contract No. KCWA 2018-11 for a no cost contract time extension of 60 calendar days, subject to approval of General Counsel as to legal form, as outlined in the April 24, 2023 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 7

Roll call vote: Ayes: Ruiz, Nicholas, Teglia, Yap, Ansolabehere, Domondon,  
Taylor, Muhar  
Noes: None  
Absent: None

8. Adjourn Chairman Sheridan Nicholas adjourned the Committee meeting at 1:41 p.m.



MEMORANDUM

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 5a

FROM: Lauren Bauer

DATE: June 21, 2023

SUBJECT: Update on Cross Valley Canal Construction/Maintenance Projects

20.2.1

**Issue:**

Update on Cross Valley Canal construction/maintenance projects.

**Recommended Motion:**

None – information only.

**Discussion:**

An overview of the construction projects associated with the Cross Valley Canal is provided as Attachment 1.

# Cross Valley Canal

## Monthly Facilities Improvement and Construction Project Update

### June 2023

Attachment 1

#### 1. HEC-RAS Model Compilation and Hydraulic Analysis

- Description: Aggregate the six existing post-expansion HEC-RAS hydraulic models representing Cross Valley Canal (CVC) Pools 1 through 6 into a single comprehensive model that can evaluate pump operations and canal hydraulics in forward and reverse flow.
- Consultant Contract: GEI – Task H
- Participant Group: CVC Integrated Canal Participants
- Progress to date:
  1. Draft technical memorandum distributed to the CVC participants on January 28, 2021.
  2. Consultant presented the technical memorandum to the CVC Advisory Committee on February 24, 2021.
  3. Issued final technical memorandum on April 19, 2021.
- Next Project Milestone:
  1. Conduct field verification of the model 1,000 cfs flow test of CVC Pools 4 through 6.
  2. Conduct field verification of CVC pump flow versus head (lift) data.
  3. Prepare next steps for mitigation of the following:
    - a. Perform review of CVC pumping plant control philosophy.
    - b. Pool 1 dependence on California Aqueduct operations.
    - c. Explore impacts of adjusted Aqueduct water levels on CVC capacity.
    - d. Pool 1A reverse flow hydraulics (back siphonage).
    - e. Prepare feasibility analysis and develop project schedule for proposed mitigations.

#### 2. Evaluation to Review the CVC Channel Freeboard and Pump Submergence

- Description: Evaluate the feasibility and potential risks of reducing the minimum pump submergence for infrequent operations when the CVC is approaching its capacity as a method of increasing the canal freeboard and thereby increasing canal capacity.
- Consultant Contract: GEI – Task J
- Participant Group: CVC Integrated Canal Participants
- Progress to date:
  1. Completed preparation of consultant proposal.
  2. Received Agency Board authorization to execute task order on March 25, 2021.
  3. Completed data collection effort.
  4. Completed draft conceptual design review of CVC ‘A’ Pumping Plant forebays.
  5. Finalized physical model testing and mitigation for all pools and utilize pertinent information in the submergence assessment and freeboard evaluation.
  6. Performed review of CVC pumping plant control philosophy.
- Next Project Milestone:
  1. Prepare pump submergence assessment.
  2. Prepare channel freeboard evaluation.
  3. Coordinate technical study with findings from the Approach Channel and Water Level Fluctuation Hydraulic Analysis.
  4. Submit draft technical memorandum to the Agency.

#### 3. Pumping Plant Forebay Approach Channel and Water Level Fluctuation Hydraulic Analysis

- Description: Develop a scaled physical model and analyze the water level fluctuations associated with the pumping plant bifurcation geometry that causes a diverging flow directly

upstream of the pumping plant forebays when both the ‘A’ and ‘B’ Pumping Plants are in operation.

- Consultant Contract: GEI – Task K
- Participant Group: CVC Integrated Canal Participants
- Progress to date:
  1. Completed physical model internal workings.
  2. Completed physical model design and construction.
  3. Constructed physical model.
  4. Initiated physical model startup, testing and calibration.
  5. Conducted physical model testing for Pumping Plants 1 through 5.
  6. Completed testing of mitigation measures for Pumping Plants 1, through 5.
  7. Received draft technical memorandum.
  8. Dismantled the physical model.
  9. Completed staff review of draft technical memorandum.
  10. Staff and GEI-NHC reviewed Hydraulic Improvement Project (HIP) ad hoc committee (ad hoc) comments on draft technical memorandum.
- Next Project Milestone:
  1. Prepare final technical memorandum.

#### **4. Pumping Plant B Spare Pump Procurement**

- Description: Procure one spare 800-horsepower (hp) pump, two spare 700-hp pumps and one spare 600-hp pump for ‘B’ Pumping Plants.
- Consultant Contract: GEI – Task C
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Performed Agency staff review of Cascade Pump 600-hp spare pump proposal.
  2. Completed evaluation of existing 600-hp motor thrust values.
  3. Reviewed spare pump alternatives based on existing motor thrust rating limitations.
  4. Received updated Cascade Pump 600-hp spare pump price quotation.
  5. Completed review of updated Cascade Pump 600-hp spare pump price quotation.
  6. Received Agency Board approval to executed change order #4 on September 23, 2021.
  7. Issued the Notice to Proceed to Cascade Pumps.
  8. Performed field measurements of existing pump by Cascade Pumps.
  9. Received pump submittals and analysis from Cascade Pumps on February 2, 2022.
  10. Completed submittal review and provided Cascade review comments.
  11. Finalized submittal.
  12. Received completed pump design from Cascade Pump’s engineering department.
  13. Finalized the casting machining process and fabricated the pump.
  14. Coordinated the delivery of the 600-hp motor to Cascade Pump, which occurred in December 2022.
  15. Inspected and tested the 600-hp pump.
  16. Received pump, bowl assembly and motor from Cascade Pump.
  17. Project complete.
  18. Filed Notice of Completion in June 2023.

#### **5. Pumping Plant B Forebay Modifications**

- Description: Prepare contract bidding documents to hydraulically isolate ‘B’ Pumping Plant forebays and install pump forebay vortex mitigation modifications.
- Consultant Contract: GEI – Task F
- Participant Group: CVC Expansion Participants

- Progress to Date:
  1. Received draft 100 percent complete project drawing set on April 6, 2021.
  2. Completed 100 percent complete contract bidding documents for Pumping Plant No 2B.
  3. Completed review of engineer's cost estimate for Pumping Plant No. 2B.
  4. Completed partial value engineering analysis and procurement alternatives evaluation.
  5. Completed staff recommendation for initial project scope of work.
  6. Completed review of removeable baffle wall system price quotations from fabrication shops for Pumping Plant No. 2B.
  7. Determined to delay purchase of inflatable dam system.
  8. Received Agency Board approval to purchase baffle wall system for Pumping Plant 2B on December 15, 2021.
  9. Completed review of fabricator shop drawings which were returned to the fabricator on February 2, 2022.
  10. Received final shop drawings from the fabricator.
  11. Began fabrication of the baffle wall system.
  12. Galvanize the three manufactured baffle walls.
  13. Inspected galvanized baffle walls at fabricators facility.
  14. Received baffle wall system from fabricator.
- Next Project Milestone:
  1. Install baffle wall system and monitor for reduction of vortices in the forebay.
  2. Continue developing project procurement alternatives.
  3. Coordinate final design of pump forebay modifications with pump submergence analysis to verify elevational placement of proposed pump forebay modifications prior to the issuance of the project Notice of Award.

## **6. Pumping Plant Power Outage Mitigation**

- Description: Develop modifications to the pumping plant electrical control relays to provide more information to Agency staff during electrical outages and allow Agency staff to restore electrical power more quickly.
- Consultant Contract: GEI – Task E
- Electrical Field Consultants: Electrical Power Systems (EPS) and Northern Digital Inc. (NDI)
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Completed staff recommendation and implementation plan for mitigation measures.
  2. Completed evaluation facility scheduled outages for implementation of mitigation measures.
  3. Received engineering consultant design proposal for implementation of mitigation measures.
  4. Reviewed and evaluated the submitted proposals for all the pumping plants.
  5. Requested a revised proposal to focus on Pumping Plants 1B and 2B.
  6. Received consultant proposals for Pumping Plants 1B and 2B.
  7. Received electrical consultant recommended changes to engineering consultant's proposal that design was not needed and issues could be addressed with updated programming at the individual sites.
  8. Performed site evaluation at all 'B' Pumping Plants and modified programming.
  9. Operated 'B' Pumping Plants with programming modifications to determine if issues were addressed.
  10. Discussed 'A' Pumping Plants with consultants and developed a plan to address outage issues.
  11. Reviewed 'A' Pumping Plant plan and determined cost and schedule.
  12. Performed site evaluation at all 'A' Pumping Plants.
- Next Project Milestone:
  1. Install the new modules, program SCADA and test the system for functionality.

2. Continue to operate 'A' Pumping Plants with modifications to determine if issues have been addressed.

## **7. Pioneer Inlet Modifications and Repair**

- Description: Prepare Computational Fluid Dynamics (CFD) model on the Pioneer Inlet (Inlet) to evaluate and provide final design parameters based on the selected alternative from the feasibility study. Once the CFD model is completed, the design to repair and modify the Inlet to minimize impacts of Inlet operations in CVC Pool 5. The project will also address structural damage to the Inlet and adjoining CVC concrete canal liner from 2017 high-flow operations.
- Consultant Contract: GEI
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Completed final conceptual design based on CFD model.
  2. Completed final inlet facility design.
  3. Received, reviewed and commented on 30, 60 and 99 percent complete drawings.
  4. Issued notice to proceed for the geotechnical analysis.
  5. Received and reviewed geotechnical investigation report.
  6. Authorized GEI proposal to finalize plans, specifications and cost estimate package, prepare construction schedule, provide bid, and design support during construction.
  7. Met with Agency staff to determine project schedule.
  8. Receive 100 percent complete plans and specifications.
  9. Finalize bid set.
  10. Received Agency Board approval for Notice to Invite Bids on September 22, 2022.
  11. Opened bids October 28, 2022.
  12. Presented and obtained recommendation to award contract at the November 14, 2022 CVC Advisory Committee meeting.
  13. Presented and obtained approval to award contract at the November 16, 2022 Agency Board meeting.
- Next project milestone:
  1. Construct replacement structure.
  2. Project currently on hold due to the necessity to operate the Pioneer Inlet for Kern River operations.

## **8. Cross Valley Canal I-5 Siphon Outlet Freeboard Mitigation**

- Description: Prepare investigation and design of the CVC I-5 Siphon Outlet levees and canal liner to mitigate loss of freeboard during high-flow operations.
- Consultant Contract: Meyer Civil Engineering
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Completed draft technical memorandum and feasibility analysis.
  2. Completed staff review of draft technical memorandum and feasibility analysis.
  3. Completed phased project feasibility analysis.
  4. Updated draft technical memorandum and feasibility analysis based on staff review.
  5. Finalized technical memorandum.
  6. Received first draft of construction drawings for Pool No. 2 Liner Raising Project.
  7. Received 90 percent complete plans for Pool No. 2 Liner Raising Project.
  8. Finalized the review of 90 percent completed plan submittal for Pool No. 2 Liner Raising Project.
  9. Received and reviewed 95 percent completed plans and specifications for Pool No. 2 Liner Raising Project.
- Next project milestone:

1. Review and evaluate Pool No. 2 Liner Raising Project design based on Task M – Post-expansion (1422 cfs) HEC-RAS model compilation and hydraulic analysis.
2. Request design proposal for Pool No. 3 Liner Raising Project.

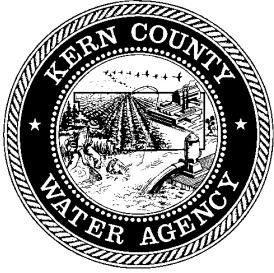
## **9. Pre-Expansion (922 cfs) Hydraulic Capacity Evaluation**

- Description: Prepare a HEC-RAS model reflecting changes to the CVC between 1976 and 2007 to analyze the flow of the canal prior to Expansion.
- Consultant Contract: GEI – Task L
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Reviewed consultant proposal with HIP ad hoc.
  2. Received Agency Board approval to execute Task L on January 27, 2022.
  3. Held start-up meeting with HIP ad hoc on February 17, 2022.
  4. Performed hydraulic model testing and verification to validate parameters.
    - a. Reviewed Boyle Technical Memorandum No. 4 Final – 10/11/04.
    - b. Reviewed October 5, 2020 CVC Hydraulic Improvements Project CVC Original Construction Hydraulic Capacity Evaluation Final Technical Memorandum.
  5. Met with HIP ad hoc on March 23, 2022 to review hydraulic model testing and verification to validate parameters.
  6. Received proposal for out-of-scope work for additional analysis as requested by HIP ad hoc.
  7. Met with HIP ad hoc to review proposal for out-of-scope work (Task L -3A).
  8. Provided Task L general project update to CVC Advisory Committee on April 27, 2022.
  9. Received recommendation to approve Task L – 3A from CVC Advisory Committee on April 27, 2022.
  10. Received Agency Board approval to execute Task L – 3A on April 28, 2022.
  11. Presented Task L - 3A parameter recommendations to the HIP ad hoc on May 31, 2022.
  12. Received approval from HIP ad hoc on May 31, 2022 to use recommended parameters and move forward with model runs.
  13. Received additional questions about recommended parameters from HIP ad hoc on June 6, 2022.
  14. Hold work on the model runs until concurrence from HIP ad hoc.
  15. Received direction from HIP ad hoc on June 28, 2022 to present consultant findings and recommendations to CVC Advisory Committee and request direction.
  16. Presented Task L-3A parameter recommendations and general project update to CVC Advisory Committee on July 27, 2022.
  17. Received direction from CVC Advisory Committee on July 27, 2022 to move forward with Task 5 utilizing consultant recommendations for model parameters.
  18. Completed Task 5, Pools 1 through 6 model runs using design flowrates and recommended parameters.
  19. Discussed results with HIP ad hoc and developed additional eight model run scenarios.
  20. Presented Task 5 final model run scenario results with HIP ad hoc on September 12, 2022.
  21. Prepared draft hydraulic analysis report and submitted to HIP ad hoc on October 10, 2022 for review and comment.
  22. Collected and compiled comments from HIP ad hoc review by November 1, 2022.
  23. Presented Task 5 results and general project update at the November 14, 2022 CVC Advisory Committee meeting.
  24. Finalized final hydraulic analysis report by December 1, 2022.
  25. Distributed final report to the CVC Advisory Committee members.
  26. Project complete.



## 10. Post-Expansion (1422 cfs) Hydraulic Capacity Evaluation

- Description: Prepare a HEC-RAS model reflecting changes to the CVC based on the 2007 canal Expansion.
- Consultant Contract: GEI – Task L
- Participant Group: CVC Integrated Canal Participants
- Progress to Date:
  1. Reviewed consultant proposal with HIP ad hoc.
  2. Received Agency Board approval to execute Task M on November 16, 2022.
  3. Scheduled preparation meetings and HIP ad hoc meetings.
  4. Discussed Post-expansion parameters and geometry data, which will be used in the model runs, with the HIP ad hoc for concurrence.
  5. Completed Pools 1 through 6 model runs using design flowrates, recommended parameters and defined geometry.
  6. Discussed results with HIP ad hoc and developed additional eight model run scenarios.
  7. Presented final model run scenario results to HIP ad hoc.
  8. Presented Task M findings and general project update to CVC Advisory Committee on February 22, 2023.
  9. Prepared draft hydraulic analysis report and submitted to HIP ad hoc for review and comment.
  10. Collected and compiled comments from HIP ad hoc.
- Next project milestone:
  1. Finalize final hydraulic analysis report.
  2. Distribute final report to the CVC Advisory Committee members.



MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 6a

FROM: Thane Campbell

DATE: June 21, 2022

SUBJECT: Update on Cross Valley Canal Construction/Maintenance Projects

**Issue:**

Update on Cross Valley Canal construction/maintenance projects.

**Recommended Motion:**

None – information only.

**Discussion:**

An overview of the construction projects associated with the Cross Valley Canal is provided as Attachment 1.

**CROSS VALLEY CANAL  
REPORT ON OPERATIONS, MAINTENANCE AND DELIVERIES  
JUNE 2023**

**CROSS VALLEY CANAL  
OPERATIONS**

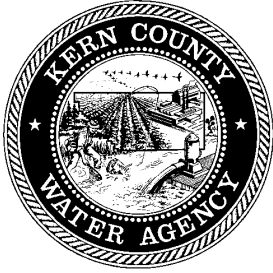
Preliminary inflows and deliveries for the month of May were as follows:

	California Aqueduct SWP (AF)	Friant-Kern Intertie CVP (AF)	Recovered Groundwater (AF)	CVC Total (AF)
<b>Deliveries by Turnout:</b>				
N-2 Siphon	1,444			1,444
Rosedale-Rio Bravo Turnout No. 1		1,313		1,313
Kern Water Bank P-11 Turnout	677			677
Nord Siphons	4,235			4,235
Section 4 Turnout	2,896			2,896
River Turnout No. 1	6,407			6,407
Rosedale-Rio Bravo Turnout No. 2		6,098		6,098
River Turnout No. 2	9,146			9,146
Lined Losses - Pools 1-6	168	50		218
River Turnout No. 3			236	236
Lined Losses – Pool 7			16	16
Henry C. Garnett Water Purification Plant			1,055	1,055
Unlined Losses – Pool 8			159	159
<b>Total</b>	<b>24,973</b>	<b>7,461</b>	<b>1,466</b>	<b>33,900</b>

**MAINTENANCE AND REPAIRS:**

- Cleaned Cross Valley Canal (CVC) forebays with Gradall excavator at Pumping Plant Nos. 1A, B and 2A, B;
- Replaced Multilin motor controllers at Pumping Plant Nos. 1B and 5B;
- Assisted contractor with air conditioning repairs at Pumping Plant No. 2B;
- Reworked lighting at Pumping Plant Nos. 3B, 5A and 6A;
- Assisted electrical staff with a power failure at Pumping Plant Nos. 3A and 3B;
- Worked in cooperation with Rosedale-Rio Bravo Water Storage District (Rosedale) and Grimmway on the installation and operation of temporary pumps in CVC Pool 4;
- Installed stoplog, dewatered and repaired leaky turnout gate at Rosedale No. 2;
- Repaired leaky siphon breaker on 100 hp pump 6G at Pumping Plant No. 6A;
- Dewatered Pool 8 for contractor;
- Repaired the air compressor at CVC Operations and Maintenance (O&M) Center;
- Assisted electrical staff with multiple motor control issues at various pumping plants;
- Assist contractor with multiple SCADA issues;
- Assisted various contractors and consultants associated with multiple Agency projects;
- Assisted air conditioning contractor with annual service on all CVC Motor Control Center (MCC) Building A/C units;
- Continued to collect groundwater level measurements from CVC Pools 1-8 piezometers;
- Performed spare motor maintenance by spinning motor shafts on all spare motors at CVC O&M Center;
- Performed post-emergent herbicide applications;
- Performed extensive fence and gate repairs;
- Performed road and levee maintenance and washout repairs along CVC rights-of-way;
- Continued rodent abatement along CVC rights-of-way;
- Performed siphon breaker and compressor checks throughout entire CVC system;

- Performed electrical preventative maintenance checks and testing at all CVC MCC;
- Performed routine maintenance activities that included vehicle and heavy equipment maintenance repairs, pump maintenance and interior MCC buildings cleaning;
- All Field Operations staff completed COVID-19 safety plan training;
- Continued to update Field Operations staff of the most recent California Department of Public Health's guidelines and Governor's Executive Orders; and
- Performed a monthly safety inspection at the CVC O&M Center.



MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 6b

FROM: Monica Tennant

DATE: June 21, 2023

SUBJECT: Report on Cross Valley Canal Operations and Deliveries

**Issue:**

Report on Cross Valley Canal operations and deliveries.

**Recommended Motion:**

None – information only.

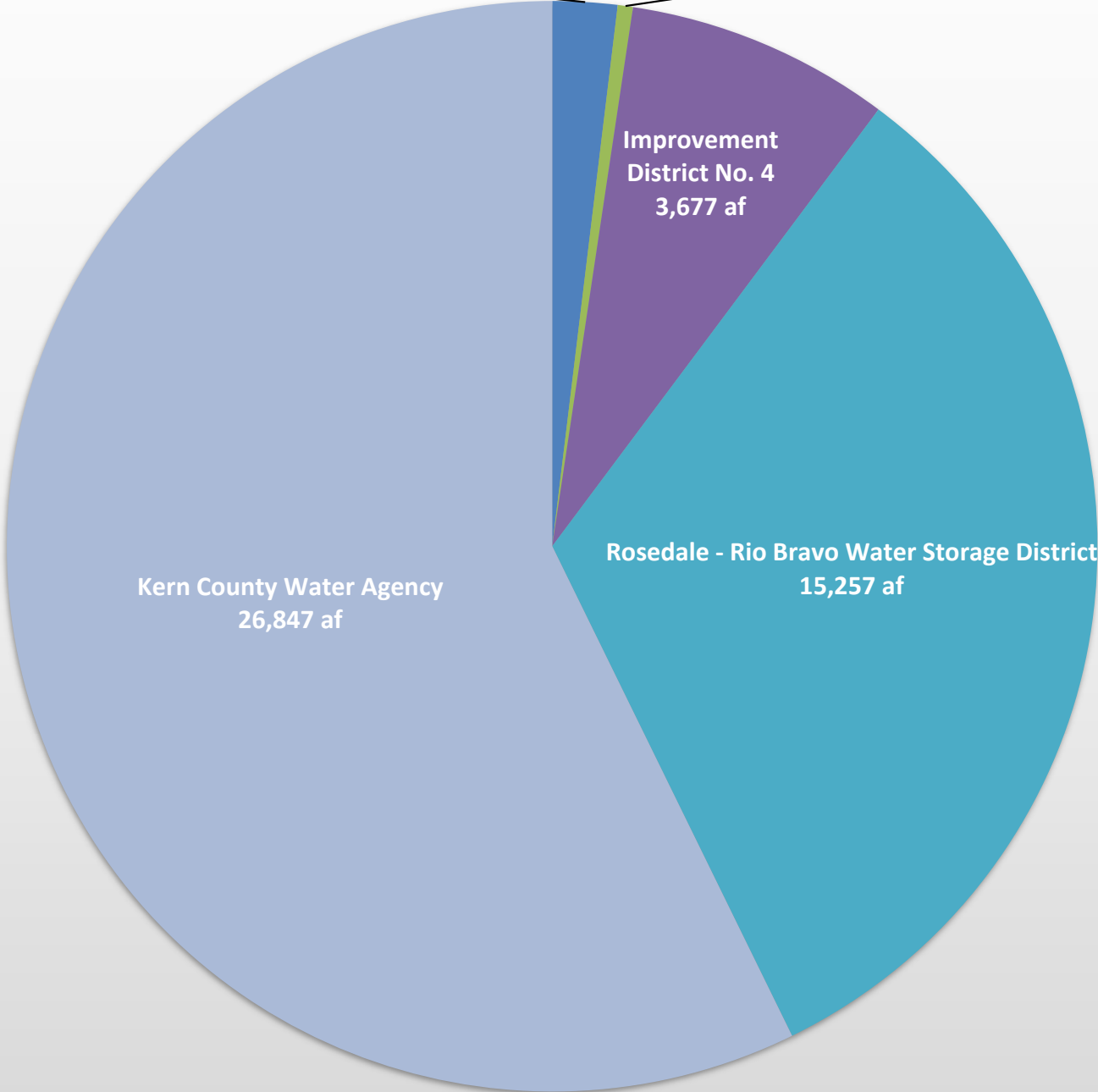
**Discussion:**

A summary and graph of the Cross Valley Canal (CVC) operations, maintenance and deliveries for May 2023 is provided as Attachment 1. A table summarizing the year-to-date deliveries is provided as Attachment 2. Graphs illustrating deliveries by direction of flow and by source over the last 12 months are provided as Attachment 3. A schematic illustrating current CVC operations is provided as Attachment 4. A schematic illustrating the current maintenance and availability status of the pumps and motors at each pumping plant is provided as Attachment 5.

# Cross Valley Canal May 2023 Deliveries Total deliveries 46,892 af

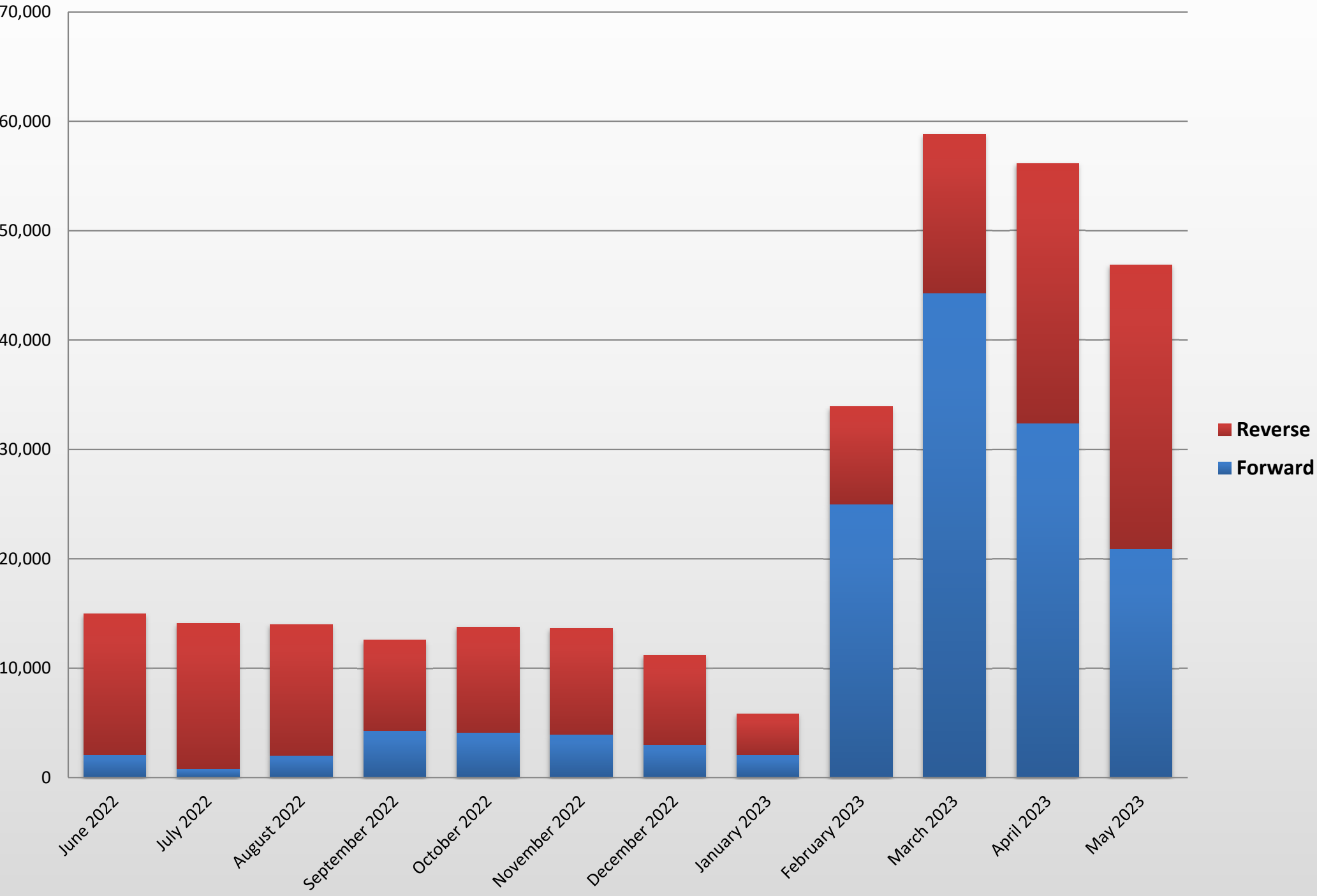
Kern -Tulare Water District  
901 af

Cawelo Water District  
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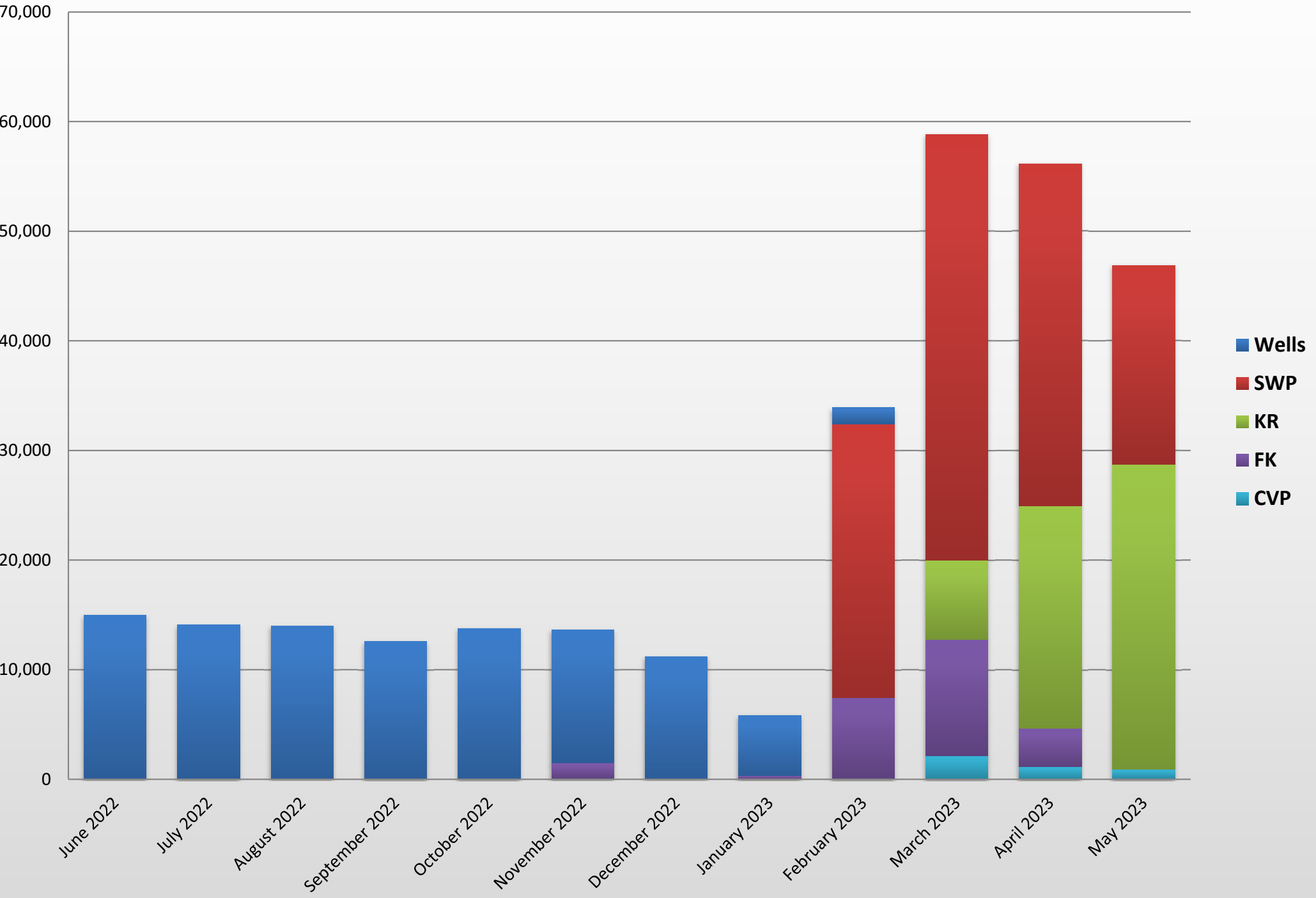


# Cross Valley Canal

## Twelve Month Delivery by Direction

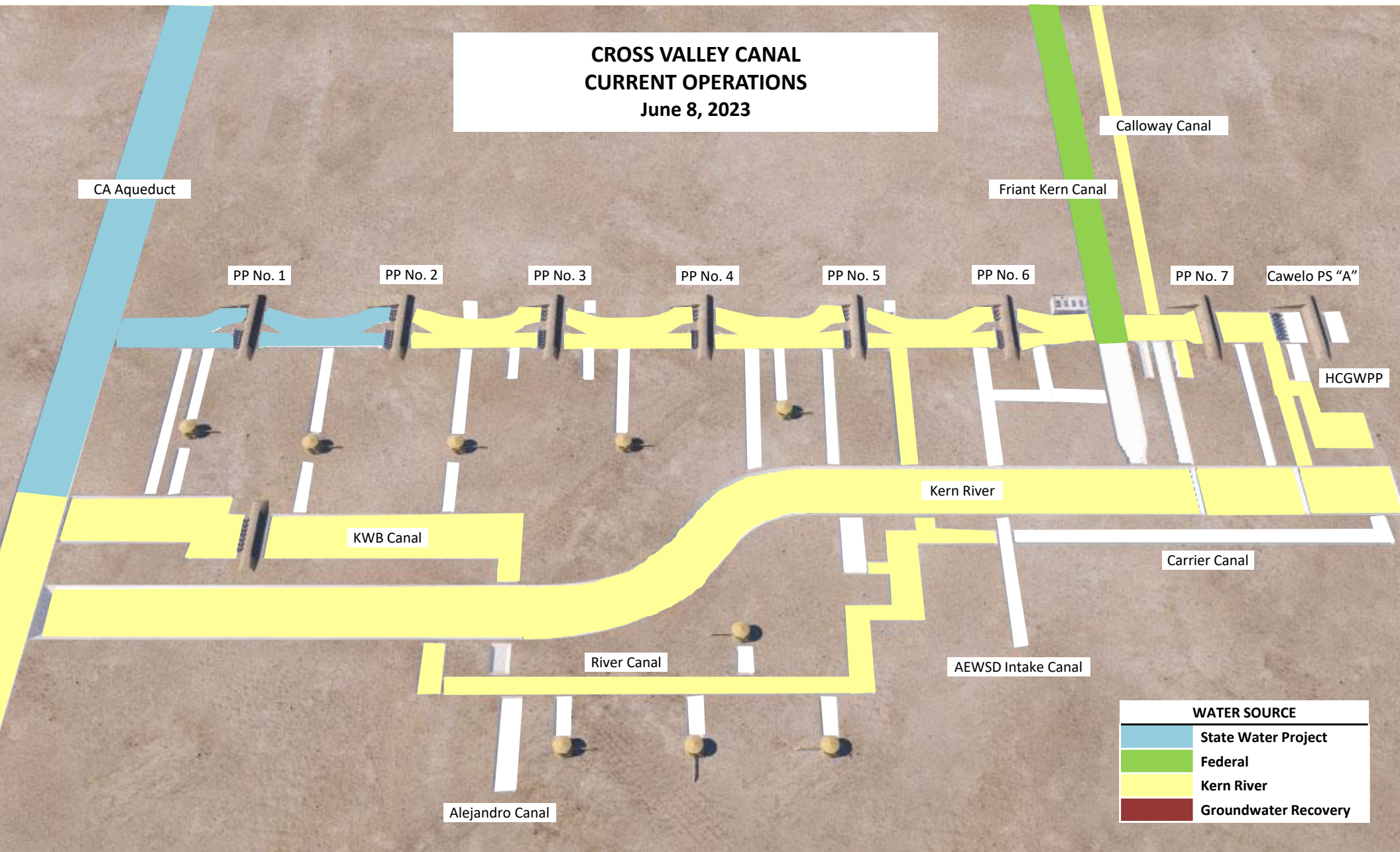






# Cross Valley Canal Twelve Month Delivery by Source



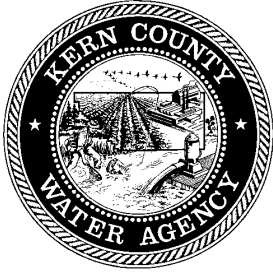


# CROSS VALLEY CANAL CURRENT OPERATIONS June 8, 2023



WATER SOURCE	
	State Water Project
	Federal
	Kern River
	Groundwater Recovery





MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 7

FROM: Scott Chambless

DATE: June 21, 2023

SUBJECT: Recommendation to Execute Change Order No. 2 to Cross Valley Canal  
Extension Lining Project Pool No. 8 – Contract No. KCWA 2022-05

**Issue:**

Consider authorizing the execution of Change Order No. 2 to Cross Valley Canal Extension Lining Project Pool No. 8 – Contract No. KCWA 2022-05.

**Recommended Motion:**

Recommend authorizing execution of Change Order No. 2 to Cross Valley Canal Extension Lining Project Pool No. 8 – Contract No. KCWA 2022-05 for a no cost contract time extension of 101 calendar days, subject to approval of General Counsel as to legal form, as outlined in the June 21, 2023 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 7.

**Discussion:**

On December 5, 2022, the Kern County Water Agency (Agency) executed a contract with Floyd Johnston Construction Co., Inc. for the Cross Valley Canal Extension Lining Project Pool No. 8 – Contract No. KCWA 2022-05.

Contract Change Order No. 2 extends the duration of the existing contract to account for two separate delays associated with the emergency use of the CVC Extension due to water quality issues in the Kern River. The proposed contract change order is provided as Attachment 1. Agency staff is recommending execution of the change order for a no cost contract time extension of 101 calendar days.

**Contract Change Order No. 2**  
**Kern County Water Agency**  
**Cross Valley Canal Extension Lining Project - Pool No. 8 - KCWA 2022-05**

**Contractor:** Floyd Johnston Construction Co., Inc.

**Engineer:** Kris Budak

**CM:** Kramer Walker (NV5)

**CO No:** 2

	<b>Amount, \$</b>	<b>Days</b>
<b>Original Contract Amount</b>	\$ 5,457,713.00	190
<b>Previously Approved Changes</b>	\$ 50,012.68	0
<b>Current Contract Amount</b>	\$ 5,507,725.68	190
<b>This Change Amount</b>	\$ -	101
<b>Revised Contract Amount</b>	\$ 5,507,725.68	291

This change order covers changes to the subject contract as described herein. The Contractor shall construct, furnish equipment and materials, and perform all work as necessary or required to complete the Change Order items for the lump sum price agreed upon between the Contractor and the Kern County Water Agency, otherwise referred to as the Owner.

PCO #	Description of Changes	Increase in Contract Amount \$	Decrease in Contract Amount \$	Contract Time Elapsed
1	Time Extension for Delayed Start Justification: Mobilization of Contractor delayed due to Improvement District No. 4's use of the CVC Extension for water quality issues. No cost associated with the delay.	\$ -		35
3	Time Extension for Emergency Use of CVC Justification: Henry C. Garnett Water Purification Plant required the emergency use of the CVC Extension due to water quality issues in the Kern River. Project was placed on hold while the CVC Extension was in use. Costs associated with emergency use of the CVC Extension previously approved in Change Order No. 1.	\$ -		66
	Subtotal	\$ -	\$ -	101
	Net Change in Contract Amount	\$ -	\$ -	<b>101</b>

The Contract Price is modified by the sum of \$0.00 and Contract Time is modified by 101 calendar days.

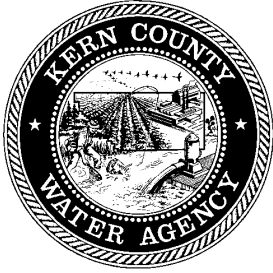
By signing this Change Order, the Contractor: (1) agrees to the foregoing modifications to the Contract Price and Contract Time; (2) agrees that such modifications are inclusive of all labor, services, material, equipment and time necessary to complete the added Work identified under the Description of Changes and/or represents an appropriate reduction in the Contract Price and/or Contract Time for the deleted Work identified under the Description of Changes; and (3) agrees that Contractor shall not be entitled to any further modifications to the Contract Time or Contract Price except as provided in this Change Order for the added and/or deleted Work identified under the Description of Changes. This Change Order amends the Contract and, except as provided in this Change Order, all other provisions of the Contract and Contract Documents continue in full force and effect. This Change Order is effective when signed by the representative(s) of the Agency identified below.

Recommended: \_\_\_\_\_ /KCWA Inspector (Scott Chambless)  
 (Signature) (Date)

Recommended: \_\_\_\_\_ /NV5 CM (Kramer Walker)  
 (Signature) (Date)

Accepted: \_\_\_\_\_ /Contractor (Floyd Johnston Construction Co., Inc.)  
 (Signature) (Date)

Approved: \_\_\_\_\_ /KCWA Engineer (Kris Budak)  
 (Signature) (Date)



MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 8

FROM: Kristina Budak

DATE: June 21, 2023

SUBJECT: Recommendation to Execute Amendment No. 7 to the Kern County Water Agency Agreement for Professional Consulting Services with GEI Consultants, Inc.

**Issue:**

Consider authorizing the Engineering & Groundwater Services Manager to execute Amendment No. 7 to the Kern County Water Agency Agreement for Professional Consulting Services with GEI Consultants, Inc.

**Recommended Motion:**

Recommend authorizing the Engineering & Groundwater Services Manager to execute Amendment No. 7 to the Kern County Water Agency Agreement for Professional Consulting Services with GEI Consultants, Inc. amending the contract termination to December 31, 2024, subject to approval of General Counsel as to legal form, as outlined in the June 21, 2023 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 8.

**Discussion:**

On April 26, 2018, the Kern County Water Agency (Agency) Board of Directors (Board) authorized the General Manager to retain GEI Consultants Inc. (GEI) as a consultant to provide civil engineering consulting services for the Cross Valley Canal (CVC) Hydraulic Improvement Project and the two remaining projects from (Task D) the CVC Expansion Project mitigation of the motor start voltage flicker issue at Pumping Plant No. 3B and completion of pumping plant forebay vortexing mitigation.

On November 14, 2018, the Agency Board authorized the General Manager to execute Amendment No. 1 to Kern County Water Agency Agreement for Professional Consulting Services (Agreement) with GEI for additional engineering services related to Task A.

On January 24, 2019, the Agency Board authorized the General Manager to execute Amendment No. 2 to the Agreement with GEI for additional engineering design services related to Task D.

On July 25, 2019, the Agency Board authorized the General Manager to execute Amendment No. 3 to the Agreement with GEI for work on the CVC Pumping Plant No. 3B's Motor Control Building related to Task D.

Cross Valley Canal Advisory Committee

Agenda Item No. 8

June 21, 2023

Page 2 of 2

On July 23, 2020, the Agency Board authorized the Engineering & Groundwater Services Manager to execute Amendment No. 4 to the Agreement with GEI for work on the CVC 600 horsepower spare pump related to Tasks 1 through 5.

On June 24, 2021, the Agency Board authorized the Engineering & Groundwater Services Manager to execute Amendment No. 5 to the Agreement with GEI to extend the term of the Agreement with GEI to June 30, 2023.

On December 13, 2021, the Agency Board authorized the Engineering & Groundwater Services Manager to execute Amendment No. 6 to the Agreement with GEI for additional model development and testing on the Pools 1-6 Aggregated Hydraulic Model Evaluation Technical Memorandum through Task H.

Agency staff continues to require the assistance from GEI, in order to complete existing task orders authorized by the Agency and additional task orders identified for this Project. Agency staff recommends execution of Amendment No. 7 to extend the term of the Agreement with GEI to December 31, 2024. Amendment No. 8 is provided as Attachment 1.

AMENDMENT NO. 7 to  
KERN COUNTY WATER AGENCY  
AGREEMENT  
FOR  
PROFESSIONAL CONSULTING SERVICES

This Amendment No. 7 is made this 22nd day of June, 2023, by and between the Kern County Water Agency, a political subdivision of the State of California, hereinafter referred to as “Agency”, and GEI Consultants, Inc., hereinafter referred to as “Consultant”.

WITNESSETH:

WHEREAS, the Agency and Consultant entered into an agreement for professional services dated April 26, 2018; and

WHEREAS, the Agency and Consultant entered into Amendment No. 1 increasing the total compensation for work on the Cross Valley Canal Hydrologic Engineering Center's River Analysis System (HEC-RAS) hydraulic model dated November 14, 2018.

WHEREAS, the Agency and Consultant entered into Amendment No. 2 increasing the total compensation for work on the Cross Valley Canal Pumping Plant No. 3B's Motor Control Building dated January 24, 2019.

WHEREAS, the Agency and Consultant entered into Amendment No. 3 increasing the total compensation for work on the Cross Valley Canal Pumping Plant No. 3B's Motor Control Building dated July 25, 2019.

WHEREAS, the Agency and Consultant entered into Amendment No. 4 increasing the total compensation for work on the Cross Valley Canal 600 horsepower spare pump dated July 24, 2020.

WHEREAS, the Agency and Consultant entered into Amendment No. 5 extending the professional services agreement to June 30, 2023 for additional work authorized by the Agency.

WHEREAS, the Agency and Consultant entered into Amendment No. 6 increasing the total compensation for work on the forward flow hydraulic analysis dated December 15, 2021.

WHEREAS, the Agency requires continued civil, electrical and mechanical engineering design and project administration services for the Cross Valley Canal Hydraulic Improvement Project hereinafter referred to as “Project”; and

WHEREAS, the Agency and Consultant desire to increase the amount of time for such professional services to complete existing task orders authorized by the Agency and additional task orders identified for this Project.

NOW, THEREFORE, in consideration of the covenants and conditions herein contained, the parties hereto agree as follows:

The Agency does hereby retain the Consultant as an independent contractor and Consultant shall provide the necessary professional services as specified herein.

I. Article V.A. of the Kern County Water Agency Agreement for Professional Consulting Services dated April 26, 2018 is hereby amended to extend the date of termination of the Agreement to December 31, 2024.

II. Article V.B. of the Kern County Water Agency Agreement for Professional Consulting Services dated April 26, 2018 is hereby replaced with:

“The Agency and/or Consultant may terminate this Agreement for any reason with thirty (30) days written notice.”

III. All other provisions of the Kern County Water Agency Agreement for Professional Consulting Services dated April 26, 2018, as amended by Amendment No. 1 dated November 14, 2018, Amendment No. 2 dated January 24, 2019, Amendment No. 3 dated July 25, 2019, Amendment No. 4 dated July 24, 2020, Amendment No. 5 dated June 24, 2021 and Amendment No. 6 dated December 15, 2021 shall remain in full force and effect.

IN WITNESS WHEREOF, the Agency and Consultant have executed this Amendment No. 7 on the day and year first herein above set forth.

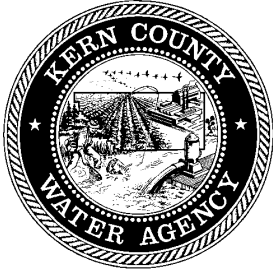
KERN COUNTY WATER AGENCY

CONSULTANT

By: \_\_\_\_\_  
Engineering and Groundwater Services Manager

By: \_\_\_\_\_  
GEI Consultants, Inc.





MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 9

FROM: Kristina Budak

DATE: June 21, 2023

SUBJECT: Recommendation to Issue the Notice of Completion to Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11

**Issue:**

Consider adopting Resolution No. 25-23 authorizing to issue the Notice of Completion to Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11.

**Recommended Motion:**

Recommend adopting Resolution No. 25-23 authorizing to issue the Notice of Completion to Procure Spare Pumps for the Cross Valley Canal– Contract No. KCWA 2018-11.

**Discussion:**

On December 4, 2018, Kern County Water Agency (Agency) staff issued the Notice of Award letter to Cascade Pump Company to Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11 (Project). Agency staff has found the Project work substantially complete.

Agency staff is seeking authorization to execute the Notice of Completion, subject to satisfactory completion as approved by the Engineering and Groundwater Services Manager.

BEFORE THE BOARD OF DIRECTORS  
OF THE  
KERN COUNTY WATER AGENCY

In the matter of:

AUTHORIZING THE ISSUANCE OF THE NOTICE OF \*  
OF COMPLETION TO PROCURE SPARE PUMPS \*  
FOR THE CROSS VALLEY CANAL \*  
– CONTRACT NO. KCWA 2018-11 \*

I, Stephanie N. Prince, Secretary of the Board of Directors of the Kern County Water Agency, of the County of Kern, State of California, do hereby certify that the following resolution proposed by Director \_\_\_\_\_, and seconded by Director \_\_\_\_\_, was duly passed and adopted by said Board of Directors at an official meeting hereof this 22nd day of June, 2023, by the following vote, to wit:

Ayes:

Noes:

Absent:

\_\_\_\_\_  
Secretary of the Board of Directors  
of the Kern County Water Agency

Resolution No. 25-23

WHEREAS, Cascade Pump Company has completed the Procure Spare Pumps for the Cross Valley Canal – Contract No. KCWA 2018-11 (Project); and

WHEREAS, in accordance with the Project specifications, Kern County Water Agency staff has performed a preliminary final inspection and finds that the contract work is substantially completed; and

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Kern County Water Agency that:

1. The foregoing recitals are true and correct.
2. Upon approval as to satisfactory completion by the Engineering and Groundwater Services Manager, the Water Resources Manager is authorized and directed to execute a Notice of Completion for the Project and cause the same to be filed with the County Recorder. A copy of the Notice of Completion is provided as Attachment 1.

RECORDING REQUESTED BY and  
WHEN RECORDED MAIL TO:

And for the benefit of:  
Kern County Water Agency  
3200 Rio Mirada Drive  
Bakersfield, CA 93308

**NOTICE OF COMPLETION**

NOTICE IS HEREBY GIVEN THAT:

1. The undersigned is the Water Resources Manager of the KERN COUNTY WATER AGENCY, a public agency, which is the owner of the work described as the Procure Spare Pumps for the Cross Valley Canal Project – Contract No. KCWA 2018-11.
2. The address of said owner is 3200 Rio Mirada Drive, Bakersfield, CA 93308.
3. The nature of the interest or estate of the owner is that of fee.
4. The date of completion of said work of improvement was on May 3, 2023.
5. The work accomplished was the *Procure Spare Pumps for the Cross Valley Canal Project – Contract No. KCWA 2018-11*.
6. The site of work commences at the site of the Cross Valley Canal pump station 6, in the County of Kern, State of California.
7. The name of the original contractor is Cascade Pump Company and the date of the contract was December 04, 2018.

KERN COUNTY WATER AGENCY

By \_\_\_\_\_  
Lauren Bauer, Water Resources Manager

VERIFICATION

I, the undersigned, say:

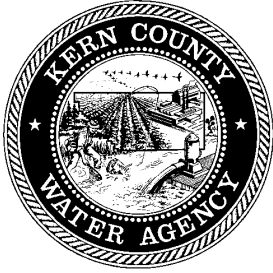
I am the Water Resources Manager of the Kern County Water Agency, a public agency, owner of the aforesaid interest in the property described above;

I have read the foregoing notice and know the contents thereof, and the facts stated therein are true of my own knowledge.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on \_\_\_\_\_, 2023 at the Kern County Water Agency in Bakersfield, California.

\_\_\_\_\_  
Lauren Bauer, Water Resources Manager



MEMORANDUM

20.2.1

TO: Cross Valley Canal Advisory Committee  
Agenda Item No. 10

FROM: Monica Tennant

DATE: June 21, 2023

SUBJECT: Recommendation to Execute a Contract for Crane and Trucking Services

**Issue:**

Consider authorizing the Water Resources Manager to execute a contract for crane and trucking services.

**Recommended Motion:**

Recommend authorizing the Water Resources Manager to execute a contract with Turner Trans Lift, Inc. for crane and trucking services for an amount not to exceed \$7,500, subject to approval of General Counsel as to legal form, as outlined in the June 21, 2023 staff memorandum to the Cross Valley Canal Advisory Committee, Agenda Item No. 10.

**Discussion:**

The Kern County Water Agency (Agency) has previously utilized Agency staff certified in the use and transportation of the Agency's crane to address various Cross Valley Canal (CVC) needs, including loading, transportation and unloading of pumps and other CVC equipment. Currently, the Agency does not have a certified crane operator on staff. Therefore, Agency staff propose entering into a contract with Turner Trans Lift, Inc. (Turner) for an amount not to exceed \$7,500 to provide crane operator and trucking services utilizing Agency equipment. The proposed contract with Turner is provided as Attachment 1. Funds are to be expended from the CVC Operations and Maintenance budget. Agency staff has reviewed the contract and recommends its approval.

**KERN COUNTY WATER AGENCY  
CONTRACT  
FOR  
CRANE AND TRUCKING SERVICES  
SC 2023-007**

This Contract, made and entered into by and between the Kern County Water Agency, hereinafter referred to as “Agency” and Turner Trans Lift, Inc., hereinafter referred to as “Contractor.” Agency and Contractor agree as follows:

- 1) SCOPE OF WORK: Contractor will perform crane and trucking services as directed by Agency staff.
- 2) TERM: This Contract shall become effective upon execution by the Agency and shall terminate December 31, 2023. The Agency and/or Contractor may terminate this Contract for any reason with thirty (30) days written notice. In the event of termination, the Agency shall pay Contractor for all authorized services performed and all authorized expenses incurred to date of termination of the Contract.
- 3) COMPENSATION: Compensation under this Contract shall be at the rates shown in Exhibit A, which is attached hereto and incorporated herein by this reference and shall not exceed \$7,500 in total without express written approval of the Water Resources Manager as authorized by the Agency Board of Directors.
- 4) PAYMENTS: Charges shall be billed monthly to the Agency prior to the 10th of each month and payment by the Agency shall be made within 60 days of receipt of each undisputed monthly invoice. Detailed invoices shall be submitted in duplicate to the Kern County Water Agency, 3200 Rio Mirada Drive, Bakersfield, CA 93308, Attention: Accounts Payable. Contractor shall keep adequate records of all services and charges to the Agency and make them available if requested by the Agency.
- 5) PREVAILING WAGE: Pursuant to Labor Code sections 1720 *et seq.* and 1770 *et seq.*, Contractor shall pay not less than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). Prevailing wage schedules for Kern County are available from the Department of Industrial Relations - Division of Labor Statistics and Research via the Internet at [www.dir.ca.gov](http://www.dir.ca.gov). Should Contractor intend to use a craft or classification not shown on the prevailing rate determinations, Contractor may be required to pay the rate of the craft or classification most closely related to it.
- 6) DIR REGISTRATION: Contractor shall be registered pursuant to Labor Code section 1725.5.
- 7) INDEMNITY: To the fullest extent permitted by law, Contractor shall hold harmless, defend at its own expense, and indemnify Agency, its directors, officers, employees, and authorized volunteers against any and all liability, claims, losses, damages, or expenses, including reasonable attorney’s fees and costs, arising from all acts or omissions of Contractor or its officers, agents, or employees in rendering services under this contract; excluding, however, such liability, claims, losses, damages, or expenses arising from Agency’s sole negligence, active negligence, or willful acts.

- 8) INSURANCE REQUIREMENTS: Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractors, his agents, representatives, employees, or subcontractors. Coverage shall be at least as broad as the following:
- a. Commercial General Liability – Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of policies available, whichever is greater. Agency, its directors, officers, employees, and authorized volunteers shall be named as Additional Insured (via ISO endorsement at least as broad as CG 20 10 11 85 or both CG 20 10 04 13 AND CG 20 37 04 13) with respect to liability arising out of work or operations performed by or on behalf of the Contractors including materials, parts, or equipment furnished in connection with such work or operations. Contractor’s insurance shall be primary and not contribute with any insurance maintained by Agency.
  - b. Auto Liability – Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01) covering all owned, non-owned and hired automobiles in the amount of one million dollars (\$1,000,000) per each accident.
  - c. Workers’ Compensation – as required by the State of California with Statutory Limits, and Employer’s Liability insurance with a limit no less than one million dollars (\$1,000,000) per accident for bodily injury or disease.

If the Contractor maintains broader coverage and/or higher limits than the minimums shown above, the Agency requires and shall be entitled to the broader coverage and/or higher limits maintained by the Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to Agency. Each insurance policy required above shall provide that coverage shall not be canceled except with thirty (30) day notice to Agency. Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that Kern County Water Agency, its directors, officers, employees, and authorized volunteers are an additional insured on insurance required from subcontractors, with endorsement as broad as CG 20 38 04 13.

- 9) COMPLIANCE WITH LAW; PERMITTING: Contractor will comply with all local, state and federal regulations and statutes including Cal/OSHA requirements that are applicable to the work and services provided under this Contract. Any permits required by governmental authorities will be obtained at Contractor’s expense.
- 10) COVID: Contractor must comply with personal protective equipment and/or social distancing guidelines applicable to COVID as requested by the Agency.
- 11) NOTICE: Any notice or instrument required to be given or delivered by this Contract may be given or delivered by personal delivery or by depositing the same in a United States Post Office, registered or certified, postage prepaid, addressed to:

AGENCY: Kern County Water Agency  
 3200 Rio Mirada Drive  
 Bakersfield, CA 93308

ATTN: Water Resources Manager

CONTRACTOR: Turner Trans Lift, Inc.  
520 E. Norris Road  
Bakersfield, CA 93308  
ATTN: Mason Stanley

This Contract is executed by the Agency pursuant to an action of its Governing Body authorizing the same, and Contractor has caused this Contract to be duly executed.

AGENCY

CONTRACTOR

\_\_\_\_\_

\_\_\_\_\_

By: Lauren Bauer

By: \_\_\_\_\_

Title: Water Resources Manager

Title: \_\_\_\_\_

Dated: \_\_\_\_\_, 2023

Dated: \_\_\_\_\_, 2023



## **EXHIBIT A**

### Rates

Certified Crane Operator hourly rate of \$170.00; overtime hourly rate of \$245.00.

April 4, 2023

Ms. Kris Budak  
3200 Rio Mirada Drive  
Bakersfield, CA 93308

In Regard To: Professional Surveying Services for North, Central and South Pioneer, Basin 11, and BMWD Spreading Grounds Aerial Photogrammetry

Dear Ms. Budak,

I am pleased to provide this proposal for professional surveying services for providing aerial photogrammetry of the three Pioneer recharge areas, Basin 11 and Berrenda Mesa WD Spreading Grounds. For this proposal, the term "basin" will also include areas designated as ponds.

#### SCOPE OF WORK

The scope of work is as follows:

1. Set and survey ground control points (GCP's) sufficient to establish horizontal and vertical control of each basin, then take aerial photography at around 300-feet above ground level, using an unmanned aerial system (UAS, "drone") for the purposes of developing an orthomosaic photograph.
2. Process the aerial photographs to create a geolocated orthomosaic photograph of the basins showing the water surface along with a digital surface model (DSM) of the basins.

#### PROJECT TIMELINE

Meyer Civil Engineering (MCE) will be as responsive as practicable. After being notified by the Agency that a basin is ready to be surveyed, the aerial flight will occur within a timeline acceptable to the Agency, but not less than with one-day notification (same-day flying might not be possible). Weather will also be a factor in determining when the basin will be flown as the drone cannot be flown in rain, winds above 10 mph, and other weather-related factors.

The Agency will do its best to keep MCE informed with estimates as to when basins will be ready to be flown several days in advance in order to facilitate planning and make special arrangements if necessary. *If overtime, weekend, or holiday hours are required by the Agency's timeline and MCE is available, the applicable rate factors as dictated by DIR regulations will be applied to the hourly surveying rates shown on our Rate Sheet.* MCE will first inform the Agency and acquire approval prior to performing work outside of normal business hours. Please note that the proposal estimate does not include overtime.

N:\KCWA\Pioneer Aerial Photos\Proposal-Pioneer Aerial Photos 2023.docx

## SCHEDULE OF FEES

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

Items 1 through 2 above, Time & Materials (NTE) for the following areas:

North Pioneer, 5 Total Basins:	\$18,630.00
Central Pioneer, 2 Total Basins:	\$4,940.00
South Pioneer, 9 Total Basins:	\$20,140.00
City of Bakersfield Basin 11:	\$3,830.00
Berrenda Mesa WD Spreading Grounds:	<u>\$6,080.00</u>
<b>Total Time &amp; Materials (NTE):</b>	<b>\$53,620.00</b>

The estimated costs above are based on flying each basin on separate days. The cost may be reduced if multiple adjacent basins are flown at one time.

Please find attached our Rate Sheet and detailed Work Breakdown Schedule for your reference. Thank you for the opportunity to provide this proposal.

Sincerely,



Aaron Meyer  
Meyer Civil Engineering, Inc.

**Meyer Civil Engineering, Inc.**  
**Rate Sheet**

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

**SCHEDULE OF HOURLY BILLING RATES**

<b><u>Personnel</u></b>	<b><u>Rate</u></b>
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
 <b><u>Equipment &amp; Materials</u></b>	
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%)

TABLE 1

**Pioneer Project  
2023 Budget  
Actuals through 8/31/22**

	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
Administration (Table 2).....	\$ 363,500	\$ 192,035	\$ 96,680	\$ 288,715	\$ 74,785	\$ 768,800
Recharge O&M (Table 3).....	151,500	10,798	3,090	13,868	137,632	262,600
Recovery O&M (Table 4).....	434,300	11,092	266,790	277,882	156,418	464,900
<b>Subtotal</b>	<b>949,300</b>	<b>213,925</b>	<b>366,560</b>	<b>580,465</b>	<b>368,835</b>	<b>1,496,300</b>
Replacement - Recharge Facilities (Table 5).....	1,045,000	23,251	11,630	34,881	1,010,119	990,000
Capital - Recharge Facilities (Table 6).....	92,500	11,641	2,260	13,901	78,599	375,000
Capital - Recovery Facilities (Table 7).....	500,500	5,382	2,700	8,082	492,418	542,000
<b>Subtotal</b>	<b>1,638,000</b>	<b>40,275</b>	<b>16,590</b>	<b>56,865</b>	<b>1,581,135</b>	<b>1,907,000</b>
<b>Total.....</b>	<b>\$ 2,587,300</b>	<b>\$ 254,200</b>	<b>\$ 383,150</b>	<b>\$ 637,330</b>	<b>\$ 1,949,970</b>	<b>\$ 3,403,300</b>

TABLE 2

**Pioneer Project  
2023 Budget  
Administration  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. Administer leases, easements and other land use requests with non-tenants	Agency Staff	\$ 1,000	\$ -	\$ -	\$ -	\$ 1,000	\$ 1,000
2. Administration of storage accounts	Agency Staff	10,000	-	-	-	10,000	10,000
3. Prepare annual budget, collect fees, association fees and attend meetings	Agency Staff	75,000	-	-	-	75,000	75,000
4. Measure water levels in non-recharge and non-recovery years, twice per year	Agency Staff	2,200	-	-	-	2,200	2,200
5. Groundwater quality sampling and evaluation	Agency Staff	1,300	-	-	-	1,300	1,300
	Contract Services	1,000	-	-	-	1,000	1,000
<b>Subtotal</b>		<b>2,300</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,300</b>	<b>2,300</b>
6. Liability/property insurance		7,000	(727)	310	(417)	7,417	7,000
7. Land maintenance <sup>[1]</sup>	Contract Services	85,000	-	-	-	85,000	95,000
8. Safety coordinator	Consultant	6,000	321	160	481	5,519	6,000
9. Pioneer survey of record <sup>[2]</sup>	Consultant	50,000	30,426	15,210	45,636	4,364	65,000
10. GSA <sup>[3]</sup>	Agency Staff	10,000	108,630	54,310	162,940	(152,940)	75,000
	Consultant	65,000	53,385	26,690	80,075	(15,075)	100,000
	KGA Fees	50,000	-	-	-	50,000	125,000
<b>Subtotal</b>		<b>125,000</b>	<b>162,015</b>	<b>81,000</b>	<b>243,015</b>	<b>(118,015)</b>	<b>300,000</b>
11. Property fencing - bike path	Agency Staff	-	-	-	-	-	10,000
	Consultant	-	-	-	-	-	40,000
	Contract Services <sup>[4]</sup>	-	-	-	-	-	155,300
<b>Subtotal</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>205,300</b>
<b>Total</b>		<b>\$ 363,500</b>	<b>\$ 192,035</b>	<b>\$ 96,680</b>	<b>\$ 288,715</b>	<b>\$ 74,785</b>	<b>\$ 768,800</b>

[1] Includes funds to mow 1/3 of Pioneer every year.

[2] Central Pioneer to be surveyed in 2022, with remaining payments to occur in 2023. South Pioneer to be surveyed in 2023.

[3] SGMA Costs.

[4] Assumes \$15/foot of 5-strand barbed wire with seven access gates (for a total of 9,000 feet). A 15 percent contingency is included.

TABLE 3

**Pioneer Project  
2023 Budget  
Recharge O&M  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. Maintain tables, billing, budget admin., etc.	Agency Staff	\$ 10,000	\$ 4,578	\$ 2,290	\$ 6,868	\$ 3,132	\$ 10,000
2. Maintain and repair levees as needed <sup>[1]</sup>	Agency Staff	4,000	-	-	-	4,000	4,000
	Contract Services	50,000	-	-	-	50,000	50,000
	<b>Subtotal</b>	<b>54,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>54,000</b>	<b>54,000</b>
3. Maintain and repair roads as needed	Agency Staff	5,000	-	-	-	5,000	5,000
	Contract Services	1,000	-	-	-	1,000	1,000
	<b>Subtotal</b>	<b>6,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,000</b>	<b>6,000</b>
4. Maintain and repair canals as needed	Agency Staff	3,500	-	-	-	3,500	6,000
	Contract Services <sup>[2]</sup>	-	-	-	-	-	85,000
	<b>Subtotal</b>	<b>3,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,500</b>	<b>91,000</b>
5. Section 4 pump maintenance as needed	Agency Staff	1,000	-	-	-	1,000	1,000
	Contract Services	30,000	-	-	-	30,000	30,000
	<b>Subtotal</b>	<b>31,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,000</b>	<b>31,000</b>
6. Power stand-by costs for Section 4 pump		3,000	1,629	800	2,400	600	3,000
7. Recharge database/iPad application support <sup>[3]</sup>	Consultant	4,000	-	-	-	4,000	4,000
8. Weir board repairs	Purchase	2,500	-	-	-	2,500	5,000
9. Staff gauges	Purchase	2,500	-	-	-	2,500	4,000
10. Levee mitigation feasibility study <sup>[4]</sup>	Consultant	35,000	4,591	-	4,600	30,400	7,000
11. Aerial Photogrammetry	Consultant	-	-	-	-	-	47,600
<b>Total</b>		<b>\$ 151,500</b>	<b>\$ 10,798</b>	<b>\$ 3,090</b>	<b>\$ 13,868</b>	<b>\$ 137,632</b>	<b>\$ 262,600</b>

[1] Annual levee inspection, maintenance and restoration program.

[2] Dredging of James Canal not needed in 2023; will evaluate in 2024. Includes funds for maintenance of interbasin structure 5D to 5C in 2023.

[3] Funds for database development and report production. Additional funds possibly needed for iOS updates.

[4] Mitigation feasibility study and geotechnical work on North Pioneer levees.

TABLE 4

**Pioneer Project  
2023 Budget  
Recovery O&M  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. Maintain tables, pump-in program, PG&E	Agency Staff	\$ 3,100	\$ -	\$ -	\$ -	\$ 3,100	\$ 3,100
2. Maintain and repair electric panels, pumps and pipelines as needed	Agency Staff Parts/Equipment <sup>[1]</sup>	16,000 35,000	- -	- -	- -	16,000 35,000	16,000 45,000
<b>Subtotal</b>		<b>51,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>51,000</b>	<b>61,000</b>
3. Control rodents	Agency Staff Materials	700 100	- -	- -	- -	700 100	700 100
<b>Subtotal</b>		<b>800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>800</b>	<b>800</b>
4. Control weeds at well sites	Agency Staff Materials	3,600 900	- -	- -	- -	3,600 900	3,600 900
<b>Subtotal</b>		<b>4,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,500</b>	<b>4,500</b>
5. Power stand-by costs for recovery facilities		64,000	1,942	1,210	3,152	60,848	64,000
6. Well efficiency testing	Agency Staff Contract Services	3,600 3,000	- -	- -	- -	3,600 3,000	3,600 3,000
<b>Subtotal</b>		<b>6,600</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,600</b>	<b>6,600</b>
7. Water analyses for pump-in program <sup>[2]</sup>	Contract Services	7,000	5,296	2,650	7,946	(946)	8,000
8. PG&E demand charges <sup>[3]</sup>	PG&E	42,000	-	42,000	42,000	-	42,000
9. AECA membership		4,000	-	4,000	4,000	-	4,000
10. Property insurance		12,000	3,252	1,630	4,882	7,118	12,000
11. Safety training	Agency Staff	1,000	602	300	902	98	1,000
12. Recovery database /iPad application support <sup>[4]</sup>	Consultant	4,000	-	-	-	4,000	4,000
13. Electric motor preventative maintenance	Agency Staff	6,300	-	-	-	6,300	6,300
14. Well discharge sand production testing	Contract Services	7,200	-	-	-	7,200	7,200
15. Mechanical maintenance	Agency Staff	5,800	-	-	-	5,800	5,800
16. Arc Flash update <sup>[5]</sup>	Contract Services	-	-	-	-	-	14,600
17. Air release valves	Purchase	15,000	-	15,000	15,000	-	20,000
18. Maintenance based on analyses <sup>[6]</sup>		200,000	-	200,000	200,000	-	200,000
<b>Total</b>		<b>\$ 434,300</b>	<b>\$ 11,092</b>	<b>\$ 266,790</b>	<b>\$ 277,882</b>	<b>\$ 156,418</b>	<b>\$ 464,900</b>

[1] Includes motor control center breaker modifications, panel replacements, electrical repairs and purchase of 3 breakers, 3 starters and voltage-amp multi-use testing device.

[2] Budget includes sampling 1/3 of wells every three years.

[3] Budget assumes starting all 38 wells during winter rates.

[4] Monthly application support from Avadine and additional funds for database development and report production.

[5] Next Arc Flash update needed in 2023.

[6] Two wells are planned for pump maintenance in 2023.



TABLE 5

**Pioneer Project  
2023 Budget  
Replacement - Recharge Facilities  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. Basin #9	Agency Staff	\$ 50,000	\$ 23,251	\$ 11,630	\$ 34,881	\$ 15,119	\$ 50,000
	Consultant <sup>[1]</sup>	30,000	-	-	-	30,000	52,000
	Construction	600,000	-	-	-	600,000	302,000
<b>Subtotal</b>		<b>680,000</b>	<b>23,251</b>	<b>11,630</b>	<b>34,881</b>	<b>645,119</b>	<b>404,000</b>
2. Nord Siphon Turnout	Agency Staff	-	-	-	-	-	16,000
	Consultant <sup>[2]</sup>	-	-	-	-	-	160,000
<b>Subtotal</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>176,000</b>
3. Spare Section 4 Pump <sup>[3]</sup>	Agency Staff	-	-	-	-	-	5,000
	Consultant	40,000	-	-	-	40,000	40,000
	Purchase	325,000	-	-	-	325,000	365,000
<b>Subtotal</b>		<b>365,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>365,000</b>	<b>410,000</b>
<b>Total</b>		<b>\$ 1,045,000</b>	<b>\$ 23,251</b>	<b>\$ 11,630</b>	<b>\$ 34,881</b>	<b>\$ 1,010,119</b>	<b>\$ 990,000</b>

[1] Includes \$25,000 for design and \$27,000 for construction management services of the replacement of Basin 9 turnout (225 cfs). Construction is subject to revision of the Recharge Plan.

[2] Includes \$100,000 for design and \$60,00 for materials testing in 2023. Construction in 2024.

[3] Delivery will take approximately one year from date of purchase.

TABLE 6

**Pioneer Project  
2023 Budget  
Capital Budget - Recharge Facilities  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. North Pioneer Section 4 East Basin Turnout	Agency Staff	\$ 10,000	\$ 3,277	\$ 1,640	\$ 4,917	\$ 5,083	\$ 10,000
	Consultant <sup>[1]</sup>	24,000	1,242	620	1,862	22,138	24,000
	Construction	-	-	-	-	-	100,000
<b>Subtotal</b>		<b>34,000</b>	<b>4,519</b>	<b>2,260</b>	<b>6,779</b>	<b>27,221</b>	<b>134,000</b>
2. Central and South PN Collector Pipeline Feasibility Study	Contract Services	<b>18,500</b>	-	-	-	<b>18,500</b>	-
3. McAllister/Central and South Pioneer Delivery Improvements	Agency Staff	-	-	-	-	-	4,000
	Consultant <sup>[2]</sup>	40,000	-	-	-	40,000	40,000
	Construction	-	-	-	-	-	-
<b>Subtotal</b>		<b>40,000</b>	-	-	-	<b>40,000</b>	<b>44,000</b>
4. Basin 11/North Pioneer Turnout	Consultant	-	7,121	-	7,121	(7,121)	-
5. North Pioneer West Basin Weir Plan	Agency Staff	-	-	-	-	-	18,000
	Consultant <sup>[3]</sup>	-	-	-	-	-	26,000
	Construction	-	-	-	-	-	153,000
<b>Subtotal</b>		-	-	-	-	-	<b>197,000</b>
<b>Total</b>		<b>\$ 92,500</b>	<b>\$ 11,641</b>	<b>\$ 2,260</b>	<b>\$ 13,901</b>	<b>\$ 78,599</b>	<b>\$ 375,000</b>

[1] 100 cfs turnout from Section 4 Pond 3 to East Basin. Includes \$24,000 for design.

[2] Includes \$30,000 for design and \$10,000 for geotechnical work. Construction estimated in 2023; costs to be determined.

[3] Includes \$12,000 for design and \$14,000 for construction management services.

TABLE 7

**Pioneer Project  
2023 Budget  
Capital Budget - Recovery Facilities  
Actuals through 8/31/22**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2022 Budget	Actual 8/31/2022	Anticipated 12/31/2022	Total 2022 Expense	Amount Remaining	2023 Budget
1. Groundwater transducer	Purchase	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
2. Well site easements	Consultant	7,000	-	-	-	7,000	7,000
3. Permanent pipeline for R07 (CBK40)	Agency Staff	40,000	2,491	1,250	3,741	36,259	40,000
	Consultant <sup>[1]</sup>	30,000	2,891	1,450	4,341	25,659	85,000
	Construction	400,000	-	-	-	400,000	405,000
<b>Subtotal</b>		<b>470,000</b>	<b>5,382</b>	<b>2,700</b>	<b>8,082</b>	<b>461,918</b>	<b>530,000</b>
4. Central and South PN Collector Pipeline Feasibility Study	Contract Services	18,500	-	-	-	18,500	-
<b>Total</b>		<b>\$ 500,500</b>	<b>\$ 5,382</b>	<b>\$ 2,700</b>	<b>\$ 8,082</b>	<b>\$ 492,418</b>	<b>\$ 542,000</b>

[1] Includes \$5,000 for biologist, \$15,000 for geotechnical work, \$20,000 for design and \$45,000 for construction management services.

TABLE 8

**Pioneer Project  
Annual Budget by Participant  
2023**

Participant	Administration			Recharge O&M			Recovery O&M*			Capital - Recharge		
	60%	40%	Total	60%	40%	Total	60%	40%	Total	60%	40%	Total
Belridge WSD.....	45,446	30,793	76,239	12,792	13,248	26,039	44,101	29,399	73,501			0
Berrenda Mesa WD.....	45,446	30,793	76,239	12,792	13,248	26,039	44,101	29,399	73,501			0
Improvement District No. 4.....	26,733	18,114	44,847	7,525	7,793	15,318	25,941	17,294	43,236			0
Lost Hills WD.....	40,100	27,170	67,270	11,288	11,690	22,979	38,912	25,941	64,853			0
Semitropic WSD.....	37,426	25,359	62,785	10,535	10,911	21,446	36,318	24,212	60,530			0
Tejon-Castac WD.....	2,673	1,811	4,484	753	779	1,532	2,594	1,729	4,324			0
Wheeler Ridge-Maricopa WSD...	69,506	47,095	116,601	19,566	20,263	39,829	67,447	44,965	112,413			0
Kern County Water Agency.....	38,190	25,877	64,067	10,750	11,133	21,883	19,526	13,017	32,543			0
Buena Vista WSD.....	38,190	25,877	64,067	10,750	11,133	21,883			0	56,250	37,500	93,750
Henry Miller WD.....	38,190	25,877	64,067	10,750	11,133	21,883			0	56,250	37,500	93,750
Kern Delta WD.....	38,190	25,877	64,067	10,750	11,133	21,883			0	56,250	37,500	93,750
Rosedale-Rio Bravo WSD.....	38,190	25,877	64,067	10,750	11,133	21,883			0	56,250	37,500	93,750
<b>Total</b>	<b>458,280</b>	<b>310,520</b>	<b>768,800</b>	<b>129,000</b>	<b>133,600</b>	<b>262,600</b>	<b>278,940</b>	<b>185,960</b>	<b>464,900</b>	<b>225,000</b>	<b>150,000</b>	<b>375,000</b>

\* Recovery O&M includes KCWA recovery of seven percent of its Reserved Right.

TABLE 9

**Pioneer Project  
Annual Budget by Participant  
2023**

Participant	Replacement - Recharge**			Capital - Recovery			Total		
	60%	40%	Total	60%	40%	Total	60%	40%	Total
Belridge WSD.....	64,891	43,261	108,151	55,284	36,856	92,140	222,513	153,559	376,071
Berrenda Mesa WD.....	49,460	32,973	82,433	55,284	36,856	92,140	207,082	143,270	350,352
Improvement District No. 4.....	14,088	9,392	23,479	32,520	21,680	54,200	106,808	74,273	181,082
Lost Hills WD.....	73,569	49,046	122,615	48,780	32,520	81,300	212,648	146,368	359,016
Semitropic WSD.....	40,579	27,053	67,632	45,528	30,352	75,880	170,387	117,887	288,274
Tejon-Castac WD.....	878	585	1,463	3,252	2,168	5,420	10,150	7,074	17,223
Wheeler Ridge-Maricopa WSD...	49,107	32,737	81,846	84,552	56,368	140,920	290,180	201,428	491,607
Kern County Water Agency.....	39,642	26,427	66,070			0	108,108	76,455	184,563
Buena Vista WSD.....	76,044	50,696	126,739			0	181,234	125,206	306,439
Henry Miller WD.....	31,367	20,911	52,277			0	136,557	95,421	231,978
Kern Delta WD.....	45,072	30,048	75,120			0	150,262	104,559	254,821
Rosedale-Rio Bravo WSD.....	109,303	72,872	182,175			0	214,493	147,382	361,876
<b>Total</b>	<b>594,000</b>	<b>396,000</b>	<b>990,000</b>	<b>325,200</b>	<b>216,800</b>	<b>542,000</b>	<b>2,010,420</b>	<b>1,392,880</b>	<b>3,403,300</b>

\*\* Replacement - Recharge allocation based upon proportionate share of historic replacement fees collected to date.

TO: Rosedale-Rio Bravo Water Storage District Board of Directors  
 Agenda Item 8.k

FROM: Trent Taylor

DATE: July 11, 2023

RE: South Valley Water Resources – Fish Friendly Diversions Pilot Project

**Discussion:**

South Valley Water Resources Authority continues to develop the Fish Friendly Diversion Pilot Project. The revised construction cost estimate for the project, without funding from outside sources, is below:

<b>South Valley Water Resources Authority</b>	<b>Participation %</b>	<b>Assumed Pilot Cost</b>
Belridge	14.66	\$ 102,620.00
Berrenda Mesa	11.17	78,190.00
Cawelo	4.61	32,270.00
Kern Delta	3.08	21,560.00
Lost Hills	14.37	100,590.00
Rosedale	3.61	25,270.00
Semitropic	18.7	130,900.00
Tehachapi-Cummings	2.33	16,310.00
Tejon-Castac	0.64	4,480.00
West Kern	3.08	21,560.00
Wheeler Ridge	23.77	166,390.00
	100%	\$ 700,140.00

**South Valley Water Resources Authority (SVWRA)**  
**Board Agenda**

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

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

**June 22nd, 2023, at 10:30 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 5/25/23
- 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#

**June 22nd, 2023, 2023, at 10:35 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 5/25/23
- 3. Financial Reports**
  - a. Presentation of financial reports.
  - b. Consideration of accounts payable.
- 4. Fish Friendly Diversion Project**
  - a. Pilot Project updates  
Presentation by Scott Hamilton on hydraulics studies  
Presentation by Ken Bonesteel, Provost & Pritchard on pilot project design and cost estimate
  - b. Consideration and possible action for a cash call for the budgeted 2023 dues at \$0.30/share.
- 5. Blueprint Updates**
  - a. Blueprint update report
  - b. CAP Updates
- 6. New Business for Consideration at Future Meetings and Announcements**
- 7. Adjournment**



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

**June 16, 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 June 16, 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, and a public comment card is submitted. 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 May 19, 2023, Joint Reservoir Committee and Authority Board Meeting Minutes. **(Attachments A & B)**
- 1.2 Reservoir Committee and Authority Board consider approval of June 5, 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 Payment of Claims. **(Attachments A & B)**

1.5 Reservoir Committee and Authority Board consider authorizing the Executive Director to enter into a new Memorandum of Agreement that outlines roles and responsibilities along with cost sharing for the remainder of Phase 2 and 3 of the Project with the Bureau of Reclamation.

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

2.1 Reservoir Committee and Authority Board consider approval for staff to proceed with negotiation of the Benefits and Obligations Contract (Draft 1) with Participants. **(Attachment A and B)**

2.2 Reservoir Committee and Authority Board consider authorizing the Executive Director to enter into two contracts for geotech monitoring as-needed services with the Cachil Dehe Band of Wintun along with geotech monitoring as-needed services and an ethnographic study with the Paskenta Band of Nomlaki Indians for a total of up to \$370,000 through December 2024, with a not-to-exceed of \$210,000 for fiscal year 2023.

**3. Discussion and Information Items:** Approximate start time 9:45 am  
*No action from the Reservoir Committee or Authority Board.*

3.1 Review and comment on the Final Environmental Impact Report /Environmental Impact Statement, Part 3 (continued) status briefing in preparation for approval of the Project. **(Attachment A)**

3.2 Receive an update on the Federal Biological Assessment/Biological Opinion and State Operations Incidental Take Permit application.

3.3 Review and comment on updated Project schedule development findings and recommendations for Amendment 3 work plan update. **(Attachments A & B)**

3.4 Discuss the draft principles establishing guidelines for the Sites Project’s use of the Lower Colusa Basin Drain and Knights Landing Ridge Cut.

3.5 Receive an update on the current thinking of the Governance Ad Hoc Committee with regard to governance adjustments to be implemented following investor commitment. **(Attachment A)**

**4. Reports:** Approximate start time 11:15 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.

4.3 Authority Board & Reservoir Committee Participant Reports:

This time is set aside to allow Representatives or their Alternates an opportunity 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 11:30 am

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

5.2 Conference with Legal Counsel—Anticipated Litigation; significant exposure to litigation (Govt. Code § 54956.9(d)(2)) (1 Item).

6. Report from Closed Session Approximate start time 11:55 am

7. Recap: Approximate start time 12:00 pm

7.1 Suggested Future Agenda Items.

7.2 Upcoming Meetings:

**Joint Reservoir Committee & Authority Board**  
Friday, July 21, 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

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

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

Rosedale-Rio Bravo Water Storage District, 849 Allen Road, Bakersfield, CA 93314

Valley Water Agency, 5750 Almaden Expressway, San Jose, CA 95118

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

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