

**REGULAR MEETING OF THE BOARD OF DIRECTORS  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
AND  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT GROUNDWATER  
SUSTAINABILITY AGENCY**

849 ALLEN ROAD, BAKERSFIELD, CA 93314

**AGENDA**

April 14, 2026

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 Meeting Minutes of March 10, 2026
  - b) Special Board Meeting Minutes of March 26, 2026
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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)
  - d) Water Charge Update (TT)
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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) Delta Conveyance Project (TT)
    - i. Consideration of DCP Participation (TT)
  - c) Kern County Water Agency (TT)
    - i. Consideration of Lower River Rights and Obligations Agreement (TT)
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**6. MANAGER'S REPORT**

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- a) Strategic Plan Update (RE)
- b) Rosedale Recap (RE)
- c) Consideration of Resolution 555 - -- Approval of Acquisition of Real Property for District Purposes – Kern County Assessor Parcel Numbers 426-031-01, 02, 08, 09, 10; 426-033-01; 426-040-09, 10, 11; 426-400-06 - Determination that the Acquisition is Exempt from CEQA Pursuant to State CEQA Guidelines Section 15061(b)(3); and Authorization to File and Post a Notice of Exemption. (DB)
- d) Consideration of Contribution to Agricultural Energy Consumers Association (DB)

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## 7. ENGINEER’S REPORT

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- a) Onyx Ranch Project (DB)
- b) Improvement Projects (MN)

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## 8. COMMITTEE/SPECIAL PROJECT ACTIVITIES

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- a) Groundwater Banking Joint Powers Authority (DB & TT)
  - i. Consideration of Special Activities Agreement – RRB1 Channel Improvements
  - ii. Consideration of Special Activities Agreement – Development of South Enns
- b) Sustainable Groundwater Management Act / Rosedale-Rio Bravo Water Storage District Groundwater Sustainability Agency (DB/TT/DR)
  - i. Consideration of Subsidence SMC Technical Services (DB)
- c) Kern Non-Districted Lands Joint Power Authority (DB/BW)
- 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)
- p) Water Association of Kern County (TT)

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## 9. ATTORNEY’S REPORT

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- a) Consideration of Election/Appointment of Officers of Board of Directors
- b) SB 827 – Fiscal / Financial Training Requirements

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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)*: One (1) Matter
- 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. Department of Water Resources v. All Persons Interested (Validation Action)
  - iii. Rosedale-Rio Bravo Water Storage District, et al. vs. Kern County Water Agency, et al. (CVC Litigation)
  - iv. Buena Vista Water Storage District, et al. v. Rosedale-Rio Bravo Water Storage District (Three Separate Suits) (Onyx Ranch CEQA Litigation)
  - v. Bring Back the Kern, et al v. Rosedale-Rio Bravo Water Storage District, et al. (Kern River Public Trust Litigation)
  - vi. Rosedale-Rio Bravo Water Storage District, et al. vs. The Dow Chemical Company, et al. (TCP Litigation)
- d) Conference with real property negotiator – *Government Code Section 54956.8* – Negotiators: Dan Bartel / Dan Raytis
  - ii. Property: Water Supply (Delta Conveyance). Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment
  - iii. Property: Water Supply. 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: Various Parcels – Kern Fan Project. Negotiating parties: Various parties and Rosedale-Rio Bravo Water Storage District, Irvine Ranch Water District and Groundwater Banking Joint Powers Authority. Under negotiation: Price & Terms of Payment
  - vi. Property: Various Parcels (including Kern County APNs 426-031-01, 02, 08, 09, 10; 426-033-01; 426-040-09, 10, 11; 426-400-06). Negotiating Parties: B & D Prince Family Trust and Rosedale-Rio Bravo Water Storage District. Under negotiation: Price & Terms of Payment

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## 14. ADJOURNMENT

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DECLARATION OF POSTING: I, Rachele Echeverria, declare under penalty of perjury, that I am employed by the Rosedale-Rio Bravo Water Storage District and I posted the foregoing Agenda at the District Office and on the District's website ([www.rrbwsd.com](http://www.rrbwsd.com)) on or before April 10, 2026. **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.**

BOARD OF DIRECTORS  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
MINUTES OF THE REGULAR BOARD MEETING  
March 10, 2026  
8:00 a.m.

**DIRECTORS PRESENT**

Roy Pierucci, Jason Selvidge and Mitch Millwee

**DIRECTORS ABSENT**

Gary Unruh and Barry Watts

**OTHERS PRESENT**

District Staff / Consultants – Dan Bartel, Trent Taylor, Megan Misuraca, Zach Smith, Rachelle Echeverria, Markus Nygren & Dan Raytis. Jennifer Spaletta participated remotely in closed session.  
Public – Sonia Lemus

**CALL TO ORDER**

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

**APPROVAL OF MINUTES**

- a) Regular Board Meeting Minutes of February 10, 2026

A motion was made by Director Selvidge with a second by Director Millwee to approve the Board of Directors’ February 10, 2026 regular meeting minutes. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge, and Millwee

NOES: None

ABSTAINED: None

**FINANCIAL REPORT**

- a) Treasurer’s Report – Ms. Misuraca presented the Treasurer’s Report as of February 28, 2026, highlighting significant payments made during the month. She reported that the County Fund account balances are currently reconciled through November 2025, with estimated December 2025 assessment revenue recorded in Account 8841. The County has not provided an update regarding when the remaining 2025 activity will be available for reconciliation.
- b) Accounts Payable – Approval and Ratification (of payments made February 7, 2026 through March 6, 2026) — Ms. Misuraca reviewed the accounts payable report with the Board and highlighted several large or non-routine transactions. A motion was made by Director Millwee and seconded by Director Selvidge to ratify and approve payment of the accounts payable in the total amount of \$2,319,424.39. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge, and Millwee

NOES: None

ABSTAINED: None

- c) Revenue and Expenditures Report – Ms. Misuraca presented the Revenue and Expenditures Report, comparing budgeted amounts to actual results through February 28, 2026. She briefly reviewed accounts with significant activity.
- d) Water Charge Update – Mr. Taylor reported farming unit changes are due by March 15<sup>th</sup> and staff will begin processing water charge invoices after those are finalized.
- e) Consideration of Audit and Accounting Services Agreement- Ms. Misuraca reviewed the proposal from BHK Accountancy with the Board. A motion was made by Director Millwee, seconded by Director Selvidge, to approve the proposal and authorize staff to execute an engagement letter with BHK Accountancy to perform the audit for the fiscal year ended December 31, 2025, and to file the Annual State Controller’s Report, with a budget not to exceed \$38,000. The motion passed unanimously.

AYES: Directors Pierucci, Selvidge and Millwee

NOES: None

ABSTAINED: None

- f) Ratification of Investment of Funds- Ms. Misuraca briefed the Board on recently matured investments. A motion was made by Director Millwee and seconded by Director Selvidge to ratify the reinvestment of \$1,951,000 of the matured funds into the District’s investment ladder with a maturity date in February 2029 and approve the transfer of the remaining funds to the District’s money market account. The motion passed unanimously.

AYES: Directors Pierucci, Selvidge and Millwee

NOES: None

ABSTAINED: None

**OPERATIONS AND MAINTENANCE REPORT**

- a) District Groundwater Levels – No report.
- b) Operations Report – Mr. Smith provided an update on the District’s water supplies and recharge and recovery operations.
- c) Maintenance Report – Mr. Smith reported on various maintenance efforts across the District.

**WATER RESOURCES REPORT**

- a) State Water Project Operations – Mr. Taylor provided a detailed report on current State Water Project operations, including an analysis of the 8-Station Index, reservoir conditions, and snow water content reports. He noted that the State Water Project contract share of San Luis Reservoir is currently full; however, no spill has been reported at this time.
- b) California Delta Conveyance Project – Mr. Taylor briefed the Board on the latest funding discussions and reported that staff is preparing a presentation to assist the Board in its decision regarding participation, which is anticipated to be considered in April.
- c) Kern County Water Agency Board Meeting Update – Mr. Taylor provided a brief report on Kern County Water Agency (KCWA) activities and briefed the Board on a meeting between RRB staff, two members of the Board, KCWA General Manager Eric Averett, and the KCWA’s newly appointed Director, Tammy Johnson.

## **MANAGER'S REPORT**

- a) Consideration of Amendment to Strategic Plan Goal No. 3 and 4e. – Ms. Echeverria reported that staff has determined Goal No. 3 has been completed and recommended updating it to a long-term goal to incorporate SGMPA projects and management actions under the District's Groundwater Sustainability Plan (GSP). She also noted the need to revise Goal No. 4e, which will be updated to reflect the project evaluation tool currently being developed by staff. A motion was made by Director Selvidge and seconded by Director Millwee to change Goal #3 of the Strategic Plan to Project Management Actions under the District's GSP and change line item "e" under Goal #4 to the Project Evaluation tool. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge and Millwee

NOES: None

ABSTAINED: None

- b) Consideration of Small Utility GIS and Business Partner Services Agreement – Ms. Echeverria and Mr. Smith reviewed the Esri Small Utility Cloud-Based Enterprise Agreement, including its components, as well as staff's plan for future GIS mapping and the steps required to implement it. A motion was made by Director Millwee and seconded by Director Selvidge to authorize staff to execute a three-year Esri Small Utility Cloud-Based Enterprise Agreement with a budget not to exceed \$5,700 annually, and to enter into a 40-hour GIS Professional Services Block Support Package with Pro-West & Associates to assist with adding District facilities, with a budget not to exceed \$6,600, usable over a 12-month period.
- c) Rosedale Recap – Ms. Echeverria reviewed the February Rosedale Re-Cap with the Board, noting the upcoming Land IQ Daily Field Level Tool workshops.
- d) Project Evaluation Update – Mr. Bartel presented the project evaluation tool that staff has been developing through a team-based effort. The Board discussed the tool and provided feedback on a potential workshop to work through the tool.
- e) Consideration of Mobile Irrigation Lab Contribution – Mr. Bartel reviewed the request for support for the Mobile Irrigation Lab. A motion was made by Director Selvidge and seconded by Director Millwee to approve the District's support of the Mobile Lab with a contribution of \$2,500 to North West Kern Resource Conservation District. The motion unanimously passed.

AYES: Directors Pierucci, Selvidge and Milwee

NOES: None

ABSTAINED: None

## **ENGINEER'S / PROJECTS REPORT**

- a) Onyx Ranch – Mr. Bartel briefed the Board on Onyx Ranch operations.
- b) Improvement Projects – Mr. Nygren updated the Board on the status of various improvement projects across the District including progress on the SCADA upgrades, West Superior Weir Improvements and McCaslin North improvements.
- c) Solar Project – Mr. Taylor briefed the Board on the White Pine solar project, noting staff is still in discussions regarding the newly found PG&E requirements.

## **COMMITTEE REPORTS**

- a) Groundwater Banking Joint Powers Authority – Mr. Bartel reported that staff will hold a workshop on March 18, 2026, to present the CVC Alternative 5 proposal to interested parties. He also reported that the Rosedale 1 Channel Improvement Project is expected to go out to bid in the second quarter of 2026 and will be covered under a Special Activities Agreement.
- b) Sustainable Groundwater Management Act / Rosedale-Rio Bravo Water Storage District Groundwater Sustainability Agency –
  - i. Consideration of 2026 SGMA Budget and White Land Assessment – Ms. Misuraca presented the 2025 SGMA budget versus actual results and reviewed the proposed 2026 SGMA budget. She noted a \$33,291.77 overrun, resulting in a carryforward and a total proposed 2026 budget of \$362,291.77, equating to an \$8 per acre White Land fee for participation in the Rosedale Rio-Bravo Management Area Plan.  
A motion was made by Director Selvidge, seconded by Director Millwee, to approve the 2026 SGMA Budget as presented and establish the White Land assessment at \$8 per acre. The motion carried unanimously.
  - ii. Ratification of Coordination Funding Agreement 2026-01 – Mr. Bartel reviewed the Kern Subbasin SGMA Coordination Cost Share for 2026 with the Board. A motion was made by Director Millwee and seconded by Director Selvidge to ratify the execution of the Kern Subbasin Coordination Funding Agreement No. 2026-01 in the amount of \$36,136.36.
- c) Kern Non-Districted Lands Joint Power Authority – Mr. Bartel provided a brief report on KNDLA activities and ongoing discussions regarding White Land demand reduction and associated fees, including Phase 1 implementation to be facilitated by Provost & Pritchard.
- d) Kern Fan Monitoring Committee – Mr. Nygren reported that a Kern Fan Monitoring Committee 101 presentation will be scheduled in the future.
- e) Cross Valley Canal Advisory Committee – Mr. Bartel briefed the Board on the latest meeting, including ongoing discussions regarding golden mussels.
- f) Pioneer Project Committee – No report.
- g) Kern River Watershed Coalition Authority (KRWCA) – No report.
- h) Kern Fan Authority – No report.
- i) Joint Operating Committee (JOC) – No report.
- j) Committee for Delta Reliability – No report.
- k) South Valley Water Resources Authority – No report.
- l) Valley Ag Water Coalition – Mr. Taylor reported the latest newsletter was included in the Board package.
- m) Kern Integrated Regional Water Management Plan – No report.
- n) Sites Reservoir Project – Mr. Taylor reported on the most recent meeting and noted updated construction estimates should be released soon.
- o) Association of California Water Agencies – No report.
- p) Water Association of Kern County – Staff reported on the highlights from the Water Association of Kern County Annual Water Summit event.

**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 9:54 a.m. President Pierucci announced the Board would meet in closed session. At 11:30 a.m., the Board reconvened to open session. Mr. Raytis reported that the Board did not take any reportable action during the closed session.

**ADJOURNMENT**

At 11:30 a.m. President Pierucci adjourned the meeting.

BOARD OF DIRECTORS  
ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT  
MINUTES OF THE REGULAR BOARD MEETING  
March 10, 2026  
8:00 a.m.

**DIRECTORS PRESENT**

Roy Pierucci, Jason Selvidge, Mitch Millwee & Barry Watts

**DIRECTORS ABSENT**

Gary Unruh

**OTHERS PRESENT**

District Staff / Consultants – Dan Bartel, Trent Taylor & Dan Raytis. Jennifer Spaletta participated remotely in closed session.

Public – None

**CALL TO ORDER**

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

**ATTORNEY’S REPORT**

None.

**PUBLIC COMMENT**

None.

**CLOSED SESSION**

During the meeting, the Board met in closed session, as follows: At 8:01 a.m. President Pierucci announced the Board would meet in closed session. At 9:45 a.m., the Board reconvened to open session. Mr. Raytis reported that the Board did not take any reportable action during the closed session.

**ADJOURNMENT**

At 9:45 a.m. President Pierucci adjourned the meeting.

# Monthly Financial Report

Rosedale-Rio Bravo Water Storage District

March 2026



Prepared by

**Megan Misuraca**

Prepared on

**April 14, 2026**

**Cash Balance**  
**Rosedale-Rio Bravo Water Storage District**  
**March 2026**

	Transaction date	Credit	Debit	Balance
Tri-Counties Bank-Operations				
	Beginning Balance			6,597,833.14
<b>Total for Tri-Counties Bank-Operations</b>		<b>\$82,434.52</b>	<b>\$437,185.34</b>	<b>\$6,243,082.32</b>
Tri-Counties Bank-Payroll				
	Beginning Balance			104,162.64
<b>Total for Tri-Counties Bank-Payroll</b>		<b>\$160,397.07</b>	<b>\$143,800.32</b>	<b>\$120,759.39</b>
2020 COP W.F. Trust Funds M.M.				
	Beginning Balance			2,320.59
<b>Total for 2020 COP W.F. Trust Funds M.M.</b>		<b>\$6.25</b>		<b>\$2,326.84</b>
Goldman Sachs Money Market				
	Beginning Balance			40,607.63
<b>Total for Goldman Sachs Money Market</b>		<b>\$114.20</b>		<b>\$40,721.83</b>
Bond Debt County Fund # 8871				
	Beginning Balance			5,527.55
<b>Total for Bond Debt County Fund # 8871</b>				<b>\$5,527.55</b>
Operations County Fund # 8856				
	Beginning Balance			52,970.03
<b>Total for Operations County Fund # 8856</b>				<b>\$52,970.03</b>
General County Fund # 8841				
	Beginning Balance			7,756,868.75
<b>Total for General County Fund # 8841</b>				<b>\$7,756,868.75</b>
Bond Reserve County Fund # 8884				
	Beginning Balance			1,010.74
<b>Total for Bond Reserve County Fund # 8884</b>				<b>\$1,010.74</b>
			<b>Total Cash 3/31/2026</b>	<b>\$14,222,256.71</b>

**Investment / Cash Equivalent**  
**Rosedale-Rio Bravo Water Storage District**  
**March 2026**

Investment AMG - Wells Fargo				
	Beginning Balance			16,999,906.93
<b>Total for Investment AMG - Wells Fargo</b>			<b>\$61,960.32</b>	<b>\$16,937,946.61</b>
			<b>Total Investment/Cash Equivalent 3/31/2026</b>	<b>\$16,937,946.61</b>

<b>Total Cash and Cash Equivalent 3/31/2026</b>	<b>\$31,160,203.32</b>
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**Rosedale-Rio Bravo Water Storage District**  
**AP for Ratification**  
**March 7 - April 9, 2026**

	Transaction Type	Num	Date	Amount	Split
<b>Abate-A-Weed</b>	Bill Payment (Check)	4999	04/01/2026	-64.30	10006 Tri-Counties Bank-Operations
	Bill	1084214	03/26/2026	64.30	61650 Operating Supplies
<b>ACE HARDWARE</b>	Bill Payment (Check)	4998	04/01/2026	-45.65	10006 Tri-Counties Bank-Operations
	Bill	67343	03/11/2026	21.54	61650 Operating Supplies
	Bill	67277	03/19/2026	21.54	61650 Operating Supplies
	Bill	67398	03/27/2026	2.57	61650 Operating Supplies
<b>Advanced Data Storage, Inc.</b>	Bill Payment (Check)	5011	04/01/2026	-56.39	10006 Tri-Counties Bank-Operations
	Bill	235457	03/14/2026	56.39	62000 General Office
<b>Advanced Environmental Concepts, Inc</b>	Bill Payment (Check)	4994	04/01/2026	-5,900.00	10006 Tri-Counties Bank-Operations
	Bill	14624	03/25/2026	5,900.00	70201 Capital Environmental Services
<b>Agricultural Energy Consumers Association</b>	Bill Payment (Check)	5015	04/01/2026	-500.00	10006 Tri-Counties Bank-Operations
	Bill	30510 Mar 2026	03/27/2026	500.00	Dues/Membership- Dues and Membership:Dues/Membership- AECA- Agriculture Energy Consumers Association
<b>ASM Affiliates</b>	Bill Payment (Check)	5035	04/01/2026	-2,447.60	10006 Tri-Counties Bank-Operations
	Bill	31624	03/11/2026	2,447.60	70201 Capital Environmental Services
<b>Barnes Welding Supply</b>	Bill Payment (Check)	5027	04/01/2026	-318.42	10006 Tri-Counties Bank-Operations
	Bill	63736505	03/24/2026	318.42	70000 Capital Water Structure
<b>Bennett West LLC</b>	Bill Payment (Check)	4988	04/01/2026	-23,329.89	10006 Tri-Counties Bank-Operations
	Bill	47485-1	02/12/2026	6,411.98	70101 Capital Well
	Bill	47732-F	02/23/2026	16,917.91	70101 Capital Well
<b>Berchold Equipment Company</b>	Bill Payment (Check)	5020	04/01/2026	-6,140.72	10006 Tri-Counties Bank-Operations
	Bill	P57079	03/19/2026	24.59	65001 Equipment Maintenance & Repair
	Bill	R02253	03/27/2026	3,085.13	61500 Equipment Rental
	Bill	R02254	03/27/2026	3,031.00	61500 Equipment Rental
<b>BJ Legacy Farms LLC</b>	Bill Payment (Check)	5007	04/01/2026	-72,425.00	10006 Tri-Counties Bank-Operations
	Bill	112	03/06/2026	72,425.00	70000 Capital Water Structure
<b>BSK Associates Inc</b>	Bill Payment (Check)	5016	04/01/2026	-2,979.50	10006 Tri-Counties Bank-Operations
	Bill	BJ01113	03/26/2026	307.56	61655 Water Quality Testing
	Bill	BJ01033	03/20/2026	655.24	61655 Water Quality Testing
	Bill	BI02365	12/31/2025	415.00	61655 Water Quality Testing
	Bill	BJ01087	03/17/2026	365.42	61655 Water Quality Testing
	Bill	BJ01086	03/17/2026	1,236.28	-Split-
<b>Builders Mart</b>	Bill Payment (Check)	5014	04/01/2026	-322.21	10006 Tri-Counties Bank-Operations
	Bill	4612 Feb 26	02/28/2026	322.21	61650 Operating Supplies
<b>Christensen, Inc.</b>	Bill Payment (Check)	5010	04/01/2026	-4,244.12	10006 Tri-Counties Bank-Operations
	Bill	447086	03/15/2026	4,244.12	-Split-
<b>Coastline Equipment Exchange LLC</b>	Bill Payment (Check)	4997	04/01/2026	-4,824.49	10006 Tri-Counties Bank-Operations
	Bill	1333763	03/23/2026	4,824.49	65001 Equipment Maintenance & Repair
<b>Comptel Services</b>	Bill Payment (Check)	5017	04/01/2026	-118.00	10006 Tri-Counties Bank-Operations
	Bill	92520	03/11/2026	118.00	66011 Technology Fees & Subscriptions
<b>David Janes Company</b>	Bill Payment (Check)	4991	04/01/2026	-14.87	10006 Tri-Counties Bank-Operations
	Bill	0467542-IN	03/26/2026	80.38	61650 Operating Supplies
	Vendor Credit	0464208-IN	02/13/2026	-584.51	61650 Operating Supplies
	Bill	0466419-IN	03/05/2026	21.97	61650 Operating Supplies
<b>DMV Renewal</b>					

	Bill Payment (Check)	5036	04/01/2026	-54.00	10006 Tri-Counties Bank-Operations
	Bill	3NSRMA5 2026-03-25	03/25/2026	54.00	60200 Licenses, Permits and Fees
<b>Emcor Services</b>					
	Bill Payment (Check)	4996	04/01/2026	-622.43	10006 Tri-Counties Bank-Operations
	Bill	960032949 2026-03-23	03/23/2026	622.43	65100 Building Maintenance
<b>Environmental Science Associates</b>					
	Bill Payment (Check)	5032	04/01/2026	-26,106.50	10006 Tri-Counties Bank-Operations
	Bill	215292	03/30/2026	26,106.50	66011 Technology Fees & Subscriptions
<b>Esparza Enterprises, Inc</b>					
	Bill Payment (Check)	5031	04/01/2026	-13,921.10	10006 Tri-Counties Bank-Operations
	Bill	137567	03/25/2026	4,026.18	-Split-
	Bill	137649	04/01/2026	3,643.84	-Split-
	Bill	137436	03/18/2026	3,276.44	-Split-
	Bill	137288	03/11/2026	2,974.64	-Split-
<b>Green Rubber Kennedy Ag</b>					
	Bill Payment (Check)	5029	04/01/2026	-5,393.42	10006 Tri-Counties Bank-Operations
	Bill	BF-107876	02/27/2026	5,393.42	70501 Capital Equipment
<b>Jeffries Bros., Inc.</b>					
	Bill Payment (Check)	ACH	03/12/2026	-203.03	10006 Tri-Counties Bank-Operations
	Bill	188548	02/25/2026	203.03	61800 Fuel
<b>Jim's Steel Supply</b>					
	Bill Payment (Check)	5001	04/01/2026	-143.43	10006 Tri-Counties Bank-Operations
	Bill	272619	03/25/2026	143.43	70000 Capital Water Structure
<b>Kern County Farm Bureau</b>					
	Bill Payment (Check)	4992	04/01/2026	-400.00	10006 Tri-Counties Bank-Operations
	Bill	2026-03-13	03/13/2026	400.00	Dues/Membership- Dues and Membership:Dues/Membership- Farm Bureau Membership
<b>Kern Machinery</b>					
	Bill Payment (Check)	5038	04/01/2026	-26.08	10006 Tri-Counties Bank-Operations
	Bill	102-1318781	03/12/2026	26.08	61650 Operating Supplies
<b>Kern Non-Districted Land Authority</b>					
	Bill Payment (Check)	4995	04/01/2026	-18,040.00	10006 Tri-Counties Bank-Operations
	Bill	KNDLA 26-12	03/02/2026	18,040.00	61450 Regulatory Programs
<b>Land IQ</b>					
	Bill Payment (Check)	5008	04/01/2026	-12,775.15	10006 Tri-Counties Bank-Operations
	Bill	7765	04/01/2026	2,743.31	66011 Technology Fees & Subscriptions
	Bill	7782	04/01/2026	10,031.84	66011 Technology Fees & Subscriptions
<b>Marroquins Tree Service Pros</b>					
	Bill Payment (Check)	5033	04/01/2026	-12,400.00	10006 Tri-Counties Bank-Operations
	Bill	12	03/30/2026	12,400.00	65100 Building Maintenance
<b>Mission Uniform Service</b>					
	Bill Payment (Check)	5013	04/01/2026	-221.80	10006 Tri-Counties Bank-Operations
	Bill	525615349	03/06/2026	110.90	63500 Janitorial
	Bill	525697663	03/20/2026	110.90	63500 Janitorial
<b>NORTH WEST KERN RESOURCE CONSER. DIST.</b>					
	Bill Payment (Check)	5006	04/01/2026	-2,500.00	10006 Tri-Counties Bank-Operations
	Bill	2026	03/19/2026	2,500.00	Dues/Membership- Dues and Membership:Dues/Membership- North West Kern Resources Conservation
<b>Office1</b>					
	Bill Payment (Check)	5028	04/01/2026	-212.61	10006 Tri-Counties Bank-Operations
	Bill	AR1390430	03/09/2026	212.61	62001 Printing & Reproduction
<b>Peachy Clean</b>					
	Bill Payment (Check)	5022	04/01/2026	-800.00	10006 Tri-Counties Bank-Operations
	Bill	Jan 2026	03/12/2026	400.00	63500 Janitorial
	Bill	Feb 2026	03/12/2026	400.00	63500 Janitorial
<b>PG&amp;E (1091941045-5)</b>					
	Bill Payment (Check)	5023	04/01/2026	-440.79	10006 Tri-Counties Bank-Operations
	Bill	1091941045-5 Mar 26	03/17/2026	440.79	61300 Surface Water Pumping
<b>PG&amp;E 6149047433-7</b>					
	Bill Payment (Check)	5034	04/01/2026	-45.87	10006 Tri-Counties Bank-Operations
	Bill	6149047433-7 Mar 26	03/03/2026	45.87	61301 Groundwater Pumping
<b>PG&amp;E 7752864149-9</b>					
	Bill Payment (Check)	5004	04/01/2026	-43.01	10006 Tri-Counties Bank-Operations
	Bill	7752864149-9 Mar 26	03/12/2026	43.01	61301 Groundwater Pumping

<b>Purchase Power</b>	Bill Payment (Check)	ACH	04/07/2026	-194.17	10006 Tri-Counties Bank-Operations
	Bill	2026 March	03/12/2026	50.00	62009 Postage and Delivery
<b>Quinn Company</b>	Bill Payment (Check)	5037	04/01/2026	-179.95	10006 Tri-Counties Bank-Operations
	Bill	PC080575183	03/10/2026	179.95	65001 Equipment Maintenance & Repair
<b>Rachelle Echeverria - Reimbursement</b>	Bill Payment (Check)	4989	04/01/2026	-66.98	10006 Tri-Counties Bank-Operations
	Bill	2026-03-10	03/10/2026	26.95	62000 General Office
	Bill	2026-03-10.2	03/25/2026	40.03	-Split-
<b>Rincon Consultants, Inc</b>	Bill Payment (Check)	4993	04/01/2026	-6,632.75	10006 Tri-Counties Bank-Operations
	Bill	73058	03/17/2026	6,632.75	-Split-
<b>ROSEDALE AUTOMOTIVE SERVICES INC.</b>	Bill Payment (Check)	5030	04/01/2026	-1,578.91	10006 Tri-Counties Bank-Operations
	Bill	93843	03/20/2026	1,578.91	65000 Auto Maintenance & Repair
<b>San Joaquin Valley Air Pollution</b>	Bill Payment (Check)	5025	04/01/2026	-400.00	10006 Tri-Counties Bank-Operations
	Bill	133828	03/13/2026	400.00	60200 Licenses, Permits and Fees
<b>SoCalGas</b>	Bill Payment (Check)	5003	04/01/2026	-43.66	10006 Tri-Counties Bank-Operations
	Bill	11021673006 Apr 26	03/20/2026	43.66	66000 Utilities
<b>Southern California Edison (700102049704)</b>	Bill Payment (Check)	5018	04/01/2026	-394.43	10006 Tri-Counties Bank-Operations
	Bill	700102049704 Mar 26	03/03/2026	394.43	66000 Utilities
<b>Southern California Edison (700122257127)</b>	Bill Payment (Check)	5019	04/01/2026	-802.42	10006 Tri-Counties Bank-Operations
	Bill	122257127 Feb 2026	03/03/2026	802.42	-Split-
<b>Southern California Edison (700511405161)</b>	Bill Payment (Check)	5009	04/01/2026	-50.85	10006 Tri-Counties Bank-Operations
	Bill	700511405161 Feb 26	03/03/2026	50.85	66000 Utilities
<b>SSD Alarm</b>	Bill Payment (Check)	5021	04/01/2026	-268.89	10006 Tri-Counties Bank-Operations
	Bill	R-00648538	03/12/2026	268.89	66000 Utilities
<b>Standard Insurance</b>	Bill Payment (Check)	5012	04/01/2026	-613.19	10006 Tri-Counties Bank-Operations
	Bill	April 2026	03/25/2026	613.19	-Split-
<b>TARGET SPECIALTY PRODUCTS</b>	Bill Payment (Check)	5005	04/01/2026	-1,585.75	10006 Tri-Counties Bank-Operations
	Bill	INVP502098579	03/17/2026	1,585.75	65500 Weed Control/Chemicals
<b>Thomas Harder &amp; Co., Inc.</b>	Bill Payment (Check)	5000	04/01/2026	-12,902.50	10006 Tri-Counties Bank-Operations
	Bill	25-054-140.5	03/17/2026	12,902.50	63006 Hydrogeology Services
<b>Verizon Wireless</b>	Bill Payment (Check)		04/01/2026		-Split-
	Bill	6137841569	03/30/2026	661.17	66001 Phone / Internet
	Vendor Credit	ACH	03/30/2026	-661.17	10006 Tri-Counties Bank-Operations
<b>Wm. B. Saleh Co., Bakersfield</b>	Bill Payment (Check)	4990	04/01/2026	-10,875.00	10006 Tri-Counties Bank-Operations
	Bill	45394	03/19/2026	10,875.00	70000 Capital Water Structure
<b>Workforce go!</b>	Bill Payment (Check)	5002	04/01/2026	-3,055.00	10006 Tri-Counties Bank-Operations
	Bill	INV-0043752	03/30/2026	26.20	60001 Payroll Taxes and Fees
	Bill	CINV-0001194	03/31/2026	3,028.80	60001 Payroll Taxes and Fees
<b>WSI Internet Consulting, LLC</b>	Bill Payment (Check)	5026	04/01/2026	-500.00	10006 Tri-Counties Bank-Operations
	Bill	8594	03/15/2026	500.00	66011 Technology Fees & Subscriptions
<b>Zeiders Consulting</b>	Bill Payment (Check)	5024	04/01/2026	-5,712.00	10006 Tri-Counties Bank-Operations
	Bill	RRBWS-INV-01/02-2026	03/18/2026	5,712.00	70200 Capital Engineering Services

**Total AP for Ratification      \$ 264,541.61**

**Rosedale-Rio Bravo Water Storage District**  
**AP for Board Approval**  
**April 10, 2026**

	Transaction Type	Num	Date	Amount	Split
<b>ACE HARDWARE</b>	Bill Payment (Check)	5051	04/10/2026	-102.12	10006 Tri-Counties Bank-Operations
	Bill	67408	03/31/2026	46.52	61650 Operating Supplies
	Bill	67418	04/02/2026	55.60	61650 Operating Supplies
<b>ACWA - JPIA (Benefits)</b>	Bill Payment (Check)	5058	04/10/2026	-23,599.10	10006 Tri-Counties Bank-Operations
	Bill	708843	04/01/2026	23,599.10	20035 Benefit Liability
<b>ACWA JPIA (W/C,Auto,GL,Prop)</b>	Bill Payment (Check)	5046	04/10/2026	-6,853.66	10006 Tri-Counties Bank-Operations
	Bill	2026-03-31	03/31/2026	6,853.66	-Split-
<b>Bakersfield Well &amp; Pump Inc.</b>	Bill Payment (Check)	5065	04/10/2026	-2,875.00	10006 Tri-Counties Bank-Operations
	Bill	JOB# 26452	03/31/2026	2,875.00	-Split-
<b>Barnes Welding Supply</b>	Bill Payment (Check)	5055	04/10/2026	-729.19	10006 Tri-Counties Bank-Operations
	Bill	91747170	03/31/2026	72.84	61500 Equipment Rental
	Bill	63742116	04/02/2026	138.61	61650 Operating Supplies
	Bill	63744326	04/07/2026	517.74	61650 Operating Supplies
<b>Barry Watts</b>	Bill Payment (Check)	5064	04/10/2026	-415.08	10006 Tri-Counties Bank-Operations
	Bill	March 2026	04/07/2026	415.08	62007 Directors' Fees
<b>Belden Blaine Raytis, LLP</b>	Bill Payment (Check)	5054	04/10/2026	-29,463.00	10006 Tri-Counties Bank-Operations
	Bill	28500	04/02/2026	763.00	63000 Legal Services
	Bill	28501	04/02/2026	26,337.50	-Split-
	Bill	28502	04/02/2026	2,362.50	63000 Legal Services
<b>Berchtold Equipment Company</b>	Bill Payment (Check)	5041	04/10/2026	-22.37	10006 Tri-Counties Bank-Operations
	Bill	P57648	04/01/2026	22.37	65001 Equipment Maintenance & Repair
<b>BSK Associates Inc</b>	Bill Payment (Check)	5039	04/10/2026	-1,397.70	10006 Tri-Counties Bank-Operations
	Bill	BJ01630	03/31/2026	620.00	61655 Water Quality Testing
	Bill	BJ01114	04/01/2026	388.85	61655 Water Quality Testing
	Bill	BJ01036	04/01/2026	388.85	-Split-
<b>Buena Vista GSA</b>	Bill Payment (Check)	5056	04/10/2026	-18,732.61	10006 Tri-Counties Bank-Operations
	Bill	Funding Request #18	03/31/2026	18,732.61	61450 Regulatory Programs
<b>Christensen, Inc.</b>	Bill Payment (Check)	5069	04/10/2026	-5,293.93	10006 Tri-Counties Bank-Operations
	Bill	450136	03/31/2026	5,293.93	-Split-
<b>County Clerk</b>	Bill Payment (Check)	5043	04/10/2026	-50.00	10006 Tri-Counties Bank-Operations
	Bill	2026-04-08	04/07/2026	50.00	60200 Licenses, Permits and Fees
<b>Esparza Enterprises, Inc</b>	Bill Payment (Check)	5063	04/10/2026	-3,235.54	10006 Tri-Counties Bank-Operations
	Bill	137813	04/08/2026	3,235.54	63007 Other Contracted Services

<b>Gary Unruh</b>	Bill Payment (Check)	5049	04/10/2026	-430.74	10006 Tri-Counties Bank-Operations
	Bill	March 2026	04/07/2026	430.74	62007 Directors' Fees
<b>Jason Selvidge</b>	Bill Payment (Check)	5060	04/10/2026	-256.26	10006 Tri-Counties Bank-Operations
	Bill	March 2026	04/07/2026	256.26	62007 Directors' Fees
<b>Kern Auto Parts</b>	Bill Payment (Check)	5061	04/10/2026	-42.43	10006 Tri-Counties Bank-Operations
	Bill	108805	04/08/2026	42.43	61650 Operating Supplies
<b>Kern County Water Agency</b>	Bill Payment (Check)	5040	04/10/2026	-6,750.00	10006 Tri-Counties Bank-Operations
	Bill	43728	03/31/2026	5,000.00	64000 Water Transaction Fees
	Bill	43731	03/31/2026	1,750.00	64000 Water Transaction Fees
<b>Kern Machinery</b>	Bill Payment (Check)	5071	04/10/2026	-160.65	10006 Tri-Counties Bank-Operations
	Bill	101-1324058	03/31/2026	160.65	61650 Operating Supplies
<b>Martinez Gardening Service</b>	Bill Payment (Check)	5044	04/10/2026	-200.00	10006 Tri-Counties Bank-Operations
	Bill	753730	03/25/2026	200.00	65100 Building Maintenance
<b>Mission Uniform Service</b>	Bill Payment (Check)	5072	04/10/2026	-179.23	10006 Tri-Counties Bank-Operations
	Bill	525786615	04/03/2026	179.23	63500 Janitorial
<b>Mitch Millwee</b>	Bill Payment (Check)	5070	04/10/2026	-208.70	10006 Tri-Counties Bank-Operations
	Bill	March 2026	04/07/2026	208.70	62007 Directors' Fees
<b>PG&amp;E (0439653883-9)</b>	Bill Payment (Check)	5067	04/10/2026	-294.34	10006 Tri-Counties Bank-Operations
	Bill	0439653883-9 Apr 26	04/02/2026	294.34	-Split-
<b>PG&amp;E (1338232537-4)</b>	Bill Payment (Check)	5052	04/10/2026	-869.73	10006 Tri-Counties Bank-Operations
	Bill	1338232537-4 Apr 26	04/02/2026	869.73	-Split-
<b>PG&amp;E (3923107207-3)</b>	Bill Payment (Check)	5050	04/10/2026	-977.79	10006 Tri-Counties Bank-Operations
	Bill	3923107207-3 Apr 26	04/02/2026	977.79	-Split-
<b>PG&amp;E (5462966222-9)</b>	Bill Payment (Check)	5062	04/10/2026	-41.57	10006 Tri-Counties Bank-Operations
	Bill	5462966222-9 Mar 26	03/31/2026	41.57	61301 Groundwater Pumping
<b>PG&amp;E (5592643715-7)</b>	Bill Payment (Check)	5048	04/10/2026	-91.23	10006 Tri-Counties Bank-Operations
	Bill	5592643715-7 Apr 26	04/02/2026	91.23	-Split-
<b>PG&amp;E (5919499601-9)</b>	Bill Payment (Check)	5047	04/10/2026	-87.14	10006 Tri-Counties Bank-Operations
	Bill	5919499601-9 Apr 26	04/02/2026	87.14	-Split-
<b>PG&amp;E (7649745985-9)</b>	Bill Payment (Check)	5045	04/10/2026	-1,706.68	10006 Tri-Counties Bank-Operations
	Bill	7649745985-9 Apr 26	04/02/2026	1,713.98	-Split-
	Vendor Credit	7649745985-9 Nov 25	11/05/2025	-58.23	66000 Utilities

**PG&E (8190181094-5)**

Bill Payment (Check)	5042	04/10/2026	-16.17	10006 Tri-Counties Bank-Operations
Bill	8190181094-5 Apr 26	04/02/2026	16.17	-Split-

**PG&E 6149047433-7**

Bill Payment (Check)	5068	04/10/2026	-5.39	10006 Tri-Counties Bank-Operations
Bill	6149047433-7 Apr 26	04/01/2026	5.39	-Split-

**Roy Pierucci**

Bill Payment (Check)	5059	04/10/2026	-956.84	10006 Tri-Counties Bank-Operations
Bill	March 2026	04/07/2026	956.84	62007 Directors' Fees

**Southern California Edison (700102049704)**

Bill Payment (Check)	5074	04/10/2026	-316.17	10006 Tri-Counties Bank-Operations
Bill	700102049704 Apr 26	04/01/2026	316.17	66000 Utilities

**Southern California Edison (700122257127)**

Bill Payment (Check)	5075	04/10/2026	-754.13	10006 Tri-Counties Bank-Operations
Bill	122257127 Mar 2026	04/01/2026	754.13	-Split-

**Southern California Edison (700511405161)**

Bill Payment (Check)	5076	04/10/2026	-56.25	10006 Tri-Counties Bank-Operations
Bill	700511405161 Mar 26	04/01/2026	56.25	66000 Utilities

**Spectrum Business**

Bill Payment (Check)	5073	04/10/2026	-161.25	10006 Tri-Counties Bank-Operations
Bill	1355119040126	04/01/2026	161.25	66001 Phone / Internet

**SUPERIOR SANITATION**

Bill Payment (Check)	5066	04/10/2026	-342.50	10006 Tri-Counties Bank-Operations
Bill	64100230	04/01/2026	342.50	66000 Utilities

**Thomas Refuse Service, Inc**

Bill Payment (Check)	5053	04/10/2026	-265.38	10006 Tri-Counties Bank-Operations
Bill	64104659	04/01/2026	265.38	66000 Utilities

**Tri Counties Bank**

Bill Payment (Check)	ACH	04/10/2026	-9,408.52	10006 Tri-Counties Bank-Operations
Bill	3913 Mar 26	04/09/2026	9,408.52	-Split-

**Workforce go!**

Bill Payment (Check)	5057	04/10/2026	-32.75	10006 Tri-Counties Bank-Operations
Bill	INV-0043970	04/01/2026	32.75	60001 Payroll Taxes and Fees

Total AP Current \$ 117,381.14

**Total AP Current + Ratified \$ 381,922.75**

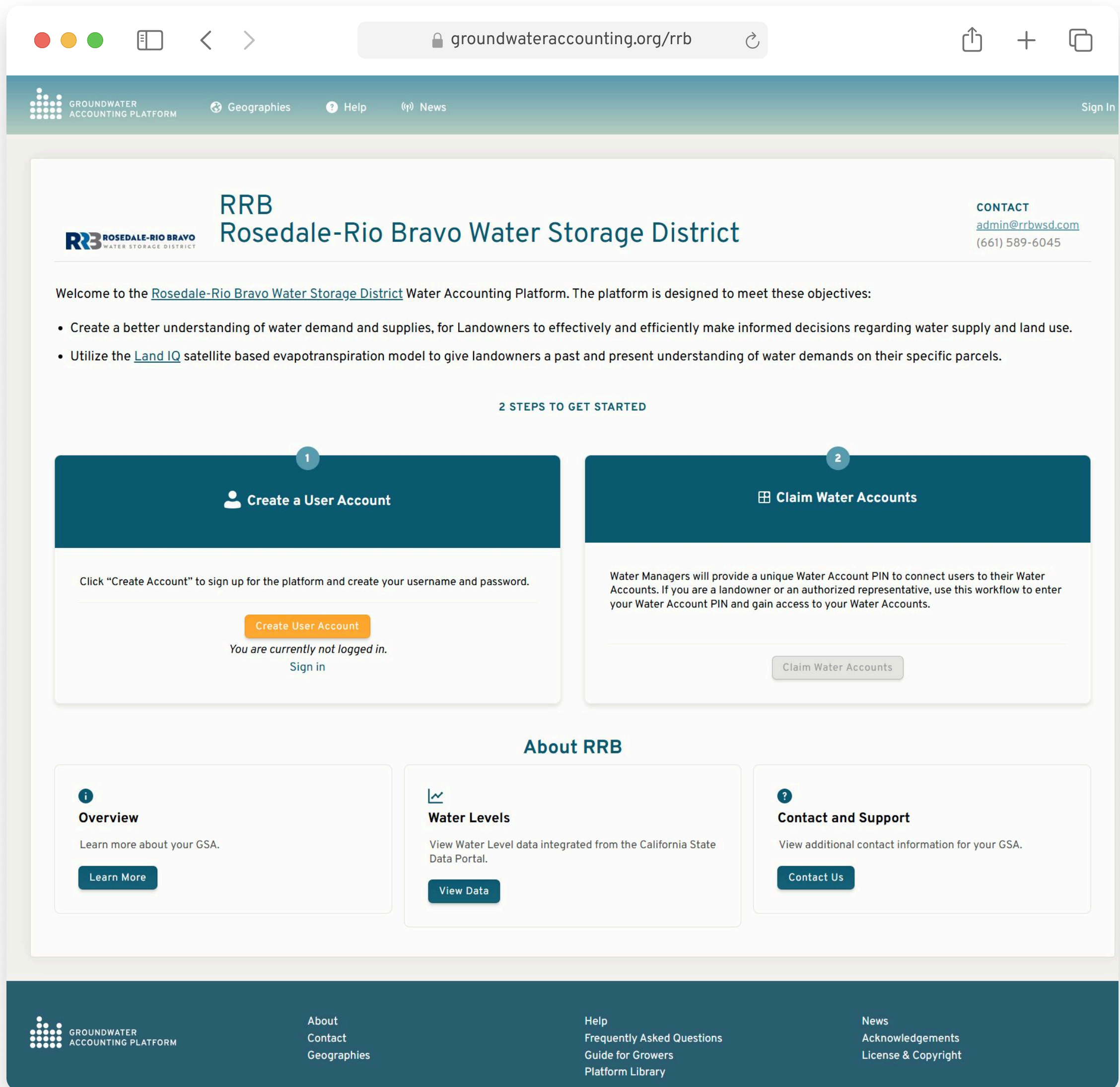
**FYE December 31, 2025 Budget vs. Actual**  
**Budget vs. Actuals: FYE December 31, 2026 - FY26 P&L**  
 January - March, 2026

	Mar 2026	Total		
	Actual	Actual	Budget	% of Budget
<b>Income</b>				
40000 Assessments		139,520.66	6,502,527.00	2.15%
40010 Prior Year Assessments		16,167.53	35,000.00	46.19%
40500 Water Charge		0.00	2,610,000.00	0.00%
40501 Water Sales		0.00	0.00	
40503 SW Pumping Reimbursement		0.00	600,000.00	0.00%
40507 O & M Reimbursement	64,805.17	0.00	120,000.00	0.00%
40508 Groundwater Banking		2,973,487.00	5,932,800.00	50.12%
40509 Lease	2,662.00	27,244.00	67,000.00	40.66%
40510 GW Recovery Reimbursement		0.00	3,000,000.00	0.00%
40511 Non-Reoccurring Water Sale		0.00	1,000,000.00	0.00%
40600 Interest	-40,339.28	195,776.39	500,000.00	39.16%
41000 Other		15.00	10,000.00	0.15%
41001 Refunds and Credits		0.00	150,000.00	0.00%
41005 Income from Sale of Asset		41,500.00	10,000.00	415.00%
41050 Resource Management		150.00	150,000.00	0.10%
<b>Total Income</b>	<b>\$ 27,127.89</b>	<b>\$ 3,407,901.58</b>	<b>\$ 20,687,327.00</b>	<b>16.41%</b>
<b>Gross Profit</b>	<b>\$ 27,127.89</b>	<b>\$ 3,407,901.58</b>	<b>\$ 20,687,327.00</b>	<b>16.41%</b>
<b>Expenses</b>				
60000 Wages and Salaries	131,811.44	379,354.22	1,734,276.60	21.87%
60001 Payroll Taxes and Fees	5,879.63	11,987.43	35,000.00	34.25%
60005 Staff Benefits	14,122.30	42,486.90	213,000.00	19.95%
60006 Staff Retirement	13,662.35	40,558.52	274,500.00	14.78%
60007 Workers Compensation Insurance	2,466.66	6,853.66	33,500.00	20.46%
60100 Bank Charges	346.82	946.83	3,300.00	28.69%
60110 Assessment Reimbursement		0.00	117,000.00	0.00%
60200 Licenses, Permits and Fees	454.00	606.00	10,000.00	6.06%
61000 KCWA SWP		2,757,067.00	4,150,000.00	66.44%
61001 City of Bakersfield		0.00	2,494,400.00	0.00%
61050 Other Water Purchase		905,216.78	2,000,000.00	45.26%
61300 Surface Water Pumping	908.24	1,916.71	800,000.00	0.24%
61301 Groundwater Pumping	3,949.57	8,265.06	3,750,000.00	0.22%
61350 Well Mitigation		0.00	50,000.00	0.00%
61400 Third Party Project Operations		0.00	0.00	
61400 Third Party Project Operations	74,957.85	707,009.85	1,150,000.00	61.48%
61401 Delta Conveyance Project		0.00	180,000.00	0.00%
61450 Regulatory Programs	36,772.61	55,073.02	100,000.00	55.07%
61500 Equipment Rental	6,188.97	14,007.09	75,000.00	18.68%
61650 Operating Supplies	467.52	7,119.97	30,000.00	23.73%
61655 Water Quality Testing	6,126.66	9,068.82	25,000.00	36.28%
61660 Property Lease		39,321.00	77,000.00	51.07%
61800 Fuel	9,538.05	22,488.24	100,000.00	22.49%
62000 General Office	83.34	6,885.84	38,850.00	17.72%

62001 Printing & Reproduction	212.61	637.83	3,120.00	20.44%
62003 Publications and Notices		0.00	1,000.00	0.00%
62005 Dues/Membership- Dues and Membership	3,400.00	42,279.00	89,162.26	47.42%
62007 Directors' Fees		4,952.21	33,000.00	15.01%
62008 Educational Fees		2,010.58	9,270.00	21.69%
62009 Postage and Delivery	50.00	302.64	1,545.00	19.59%
63000 Legal Services	22,638.33	45,025.91	500,000.00	9.01%
63002 Audit and Accounting Services		0.00	41,000.00	0.00%
63004 Engineering Services		0.00	25,000.00	0.00%
63005 Environmental Services		0.00	30,000.00	0.00%
63006 Hydrogeology Services	12,902.50	26,957.50	115,000.00	23.44%
63007 Other Contracted Services	13,418.72	43,176.96	250,000.00	17.27%
63010 Insurance		62,559.43	118,800.00	52.66%
63500 Janitorial	1,021.80	1,587.35	9,800.00	16.20%
64000 Water Transaction Fees	6,750.00	6,750.00	50,000.00	13.50%
65000 Auto Maintenance & Repair	3,097.37	8,163.55	30,000.00	27.21%
65001 Equipment Maintenance & Repair	5,029.03	16,727.67	30,000.00	55.76%
65002 Mileage Reimbursement	40.03	40.03	515.00	7.77%
65100 Building Maintenance	13,222.43	14,629.83	25,000.00	58.52%
65101 Water Structure Maintenance		2,555.44	20,000.00	12.78%
65200 Booster Pump Maintenance		0.00	20,000.00	0.00%
65201 Well Maintenance	2,875.00	2,875.00	40,000.00	7.19%
65500 Weed Control/Chemicals	1,585.75	8,350.18	100,000.00	8.35%
66000 Utilities	1,645.79	3,489.09	20,000.00	17.45%
66001 Phone / Internet	1,532.17	2,619.66	15,000.00	17.46%
66011 Technology Fees & Subscriptions	29,385.16	44,726.39	110,000.00	40.66%
67000 Travel		0.00	20,000.00	0.00%
68000 Property Taxes		56,446.20	180,000.00	31.36%
70000 Capital Water Structure	83,761.85	109,127.80	1,310,000.00	8.33%
70001 Capital Building		0.00	85,000.00	0.00%
70100 Capital Booster Pump		0.00	12,600.00	0.00%
70101 Capital Well		275,164.89	750,000.00	36.69%
70200 Capital Engineering Services	5,712.00	5,712.00	180,000.00	3.17%
70201 Capital Environmental Services	14,980.35	28,181.25	120,000.00	23.48%
70500 Capital Auto		64,454.50	70,000.00	92.08%
70501 Capital Equipment		23,665.16	225,000.00	10.52%
70600 Capital Office Equipment		2,602.99	2,100.00	123.95%
70602 Capital Land		250,000.00	0.00	
70700 Third Party Projects- Capital	0.00	1,750,000.00	3,500,000.00	50.00%
88004 2020 COP- Debt Service	98,033.35	2,999,100.05	3,930,295.00	76.31%
88100 COP Administration		0.00	9,270.00	0.00%
<b>Total Expenses</b>	<b>\$ 629,030.25</b>	<b>\$ 10,921,104.03</b>	<b>\$ 29,522,303.86</b>	<b>36.99%</b>
<b>Net Income</b>	<b>-\$ 601,902.36</b>	<b>-\$ 7,527,243.45</b>	<b>-\$ 8,834,976.86</b>	<b>85.20%</b>

# Groundwater Accounting Platform

The Groundwater Accounting Platform enables water managers, landowners, and water users across California to track water availability and use in near real-time.



**Need Help? Contact RRB WSD**

[admin@rrbwsd.com](mailto:admin@rrbwsd.com)

# Getting Started

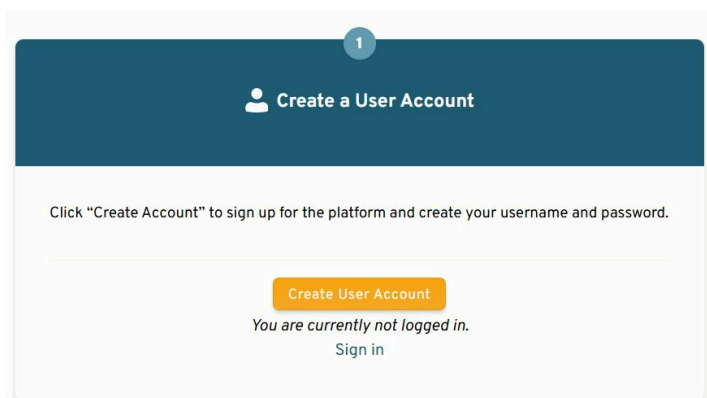
To get up and running with a new User Account on the Groundwater Accounting Platform, you need to follow two steps:

## 1 Create a User Account

## 2 Review Water Accounts

### 1 Create a User Account

**1.a** Navigate to [groundwateraccounting.org/rrb](https://groundwateraccounting.org/rrb), and click “Create an Account” on the homepage.



**1.b** **Email Confirmation:** Enter your email address and click “Send Verification Code”

Email



*If you sign up with the same email address you previously used for the earlier version of the RRB Accounting Tool then your water accounts are pre-configured*

**1.c** Retrieve verification code from your inbox and input it into the “Verification Code” field . This code is used for two-factor authentication, meant to confirm your identity.

**1.d** **Create Profile:** Fill in First and Last Name, and create a new password.

**1.e** Click “Create” button

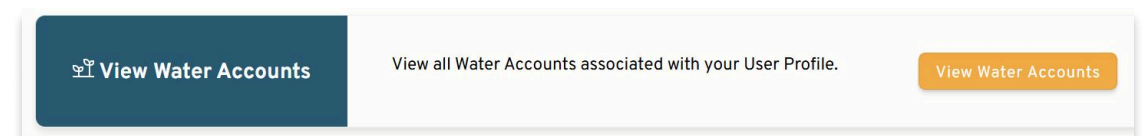
New Password

Confirm new password

Confirm New Password

### 2 Review Water Accounts

**2.a** From the homepage click “View Water Accounts” to go to your Water Dashboard



**2.b** Water Accounts have been pre-assigned to your user account via your email address from the earlier version of the *RRB Accounting Tool* . If any Water Accounts are missing, please contact RRB Water Managers for assistance.

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# Water Dashboard

The Water Dashboard is the central hub for all of your water data. View your Water Accounts, Parcels, and Wells.

**WATER DASHBOARD**

## Water Accounts

Use the *Water Accounts Map* to view a list of all Water Accounts associated with your user profile. Water Accounts are grouped by Geography / GSA and can be selected via the map or list picker. If you have many Water Accounts across Geographies, use *Filter by Geography* to narrow down the display. Detailed Water Budgets for each account can be viewed in *Budget Data* tab. Click a Water Account to navigate to the account details via the Landowner Dashboard.

**Request Water Account Changes**

Search grid... Clear Filters Grid Hybrid Map Demo

Actions	Water Account #	Account Name	APN List
Actions	10001	Oak Grove Farms	555-115-20
Actions	10002	Apple Bottom Farms	555-048-16, 555-029-48, 555-036-81
Actions	10003	Baa Baa Black Sheep Farms	555-052-17, 555-012-90
Actions	10004	Barnyard Bonanza	555-073-79, 555-112-84, 555-123-78, 555-124-12
Actions	10005	Berry Funny Farms	555-089-65
Actions	10006	Berry Nutty Farms	555-043-82, 555-051-12, 555-086-37, 555-036-81
Actions	10007	Big Red Tomato Farms	555-067-22, 555-085-07, 555-091-81, 555-003-00
Actions	10008	Chirpy Chicken Farms	555-024-56
Actions	10009	Corn on the Cob Co.	555-088-95, 555-031-24
Actions	10010	Corny Acres	555-054-66
Actions	10011	Country Acres Farms	555-060-36
Actions	10012	Cow Over Moon Farm	555-003-00
Actions	10013	Crop Circle Farms	555-042-93, 555-075-78, 555-078-35, 555-003-00
Actions	10014	Farmyard Frenzy	555-077-33

Download as CSV Total Records: 52

- A Water Dashboard Navigation:** Toggle between views of your Water Accounts, Parcels, and Wells.
- B List of Water Accounts:** View a list of all of your Water Accounts. Click the “Details” link on any of the accounts to view the Water Budget.
- C Map of Water Accounts:** View on map the outlines of all your Parcels and Water Accounts. Click on a shape to get a quick view of that Water Account’s details.
- D Request Water Account Changes:** Parcels are initially grouped into Water Accounts based on common ownership records. Please contact the district to request specific changes.
- E Filter by Geography:** When you have Water Accounts across multiple geographies, you can use this filter to narrow your view to a single geography.

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# Water Budget

The Water Budget tab is the most up-to-date, at-a-glance view of your supply and usage data.

The screenshot displays the 'Water Budget' interface for account #45004. At the top, it shows the reporting period (2025) and units (ac-ft/ac). A 'What is a Water Account?' tooltip is visible. The 'Water Account' section provides an overview with three key metrics: Total Groundwater Supply (2.65 ac-ft/ac), Total Groundwater Usage (2.41 ac-ft/ac), and Balance (0.24 ac-ft/ac). A 'Parcel Map' shows the usage location area. Below the map is a 'Groundwater Usage Chart' with a 'Cumulative' view, showing a line for cumulative usage and a horizontal bar for the supply limit. The 'Water Measurements' table at the bottom provides a detailed report of monthly water use by water account or parcel.

Measurem...	T...	J...	F...	M...	A...	M...	J...	Jul	A...	S...	O...	N...	D...	M...	A...
OpenET Evapotran	2.80	0.07	0.13	0.16	0.27	0.43	0.42	0.40	0.40	0.31	0.19	-	-	ET	1,362.70
OpenET Precipitati	0.40	0.04	0.06	0.16	0.02	0.00	0.00	0.00	0.00	0.03	0.09	-	-	Precip	1,362.70
Delivered Surface \	0.00	-	-	-	-	-	-	-	-	-	-	-	-	Surface	1,362.70
Consumed Surface	0.00	-	-	-	-	-	-	-	-	-	-	-	-	Surface	1,362.70
Consumed Ground	2.41	0.04	0.07	0.01	0.25	0.43	0.42	0.40	0.40	0.28	0.11	-	-	Calculat	1,362.70

- A Display Options:** Choose which year and period of data to display, as well as whether to show data in depth or volume.
- B Budget Overview:** View the top-line numbers for “Total Usage”, “Total Supply”, and “Balance” for the current period.
- C Parcel Map:** View on a map the parcel boundaries of the APNs contained in your Water Account.
- D Select a Water Account:** Choose which of your Water Accounts to view.
- E Cumulative Water Usage Chart:** Cumulative water use is displayed over time for the period. A red bar indicates the supply limit.
- F Monthly Water Usage Chart:** Toggle to view a month-by-month view of water use in a bar chart.
- G Water Measurements:** Detailed report of the period’s monthly water use by water account or parcel
- H Annual Usage Meter :** The annual usage meter gives a quick overview of the period’s usage progress. *(not pictured)*
- I Supply:** View a list of water supply sources and the amount given for each. *(not pictured)*

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# Parcel Detail

The Parcel Detail page provides water usage estimates for the parcel, in addition to other relevant data and information.

The screenshot shows the 'Parcel Detail' page for parcel 555-067-22. The page is divided into several sections:

- Parcel Map (B):** An aerial map showing the parcel boundaries in green. A callout box (A) identifies the parcel as #45007 Big Red Tomato Farms.
- Parcel Meta Data (C):**
  - PARCEL AREA:** 53.77 acres. Includes an 'Edit Acres' link.
  - MANAGEMENT ZONES:** Zone 4. Includes an 'Edit Zone Assignments' link.
  - OWNER NAME:** Big Red Tomato Farms
  - OWNER ADDRESS:** 2222 Brundage Lane, Bakersfield, CA 93304. Includes an 'Update Ownership Info' link.
  - PARCEL STATUS:** Active. Includes an 'Edit Parcel Status' link.
- Usage Locations (D):** A table showing usage locations over time.

Name	Reporting Period	Area (acres)	Usage Location Type	Crops
555-067-22	2016	53.77	Irrigated Agricultural Lands	
555-067-22	2017	53.77	Irrigated Agricultural Lands	
555-067-22	2018	53.77	Irrigated Agricultural Lands	
555-067-22	2019	53.77	Irrigated Agricultural Lands	
555-067-22	2020	53.77	Irrigated Agricultural Lands	
555-067-22	2021	53.77	Irrigated Agricultural Lands	
- Water Measurements (E):** A line chart showing water usage in acre-feet per month from 2016 to 2025. The chart includes three data series: Consumed Groundwater (purple), OpenET Evapotranspiration (green), and OpenET Precipitation (blue). The y-axis ranges from 0 to 25 acre-feet per month. The x-axis shows months from Oct 2023 to Oct 2025.

- A Water Account Link:** Navigate directly to the Water Account that the Parcel belongs to.
- B Parcel Map:** View the boundaries on the Parcel on a map.
- C Parcel Meta Data:** View information about the Parcel's area, zones, and ownership.
- D Usage Locations:** A parcel can be divided into usage locations (e.g fields, facilities, etc) to track Water Use.
- E Water Measurements:** View water use estimates for water measurements on the Parcel. The Platform can support metered data, remote telemetry data, and satellite-based evapotranspiration data.
- F Allocation Plan:** For Geographies that have enabled Allocation Plans, this chart displays expected water supplies into the future. (*not pictured*)

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# The Groundwater Accounting Platform: a video walkthrough



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## The Groundwater Accounting Platform: a video walkthrough

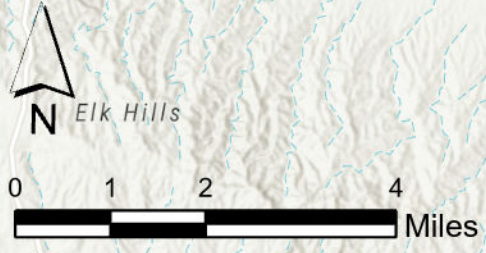
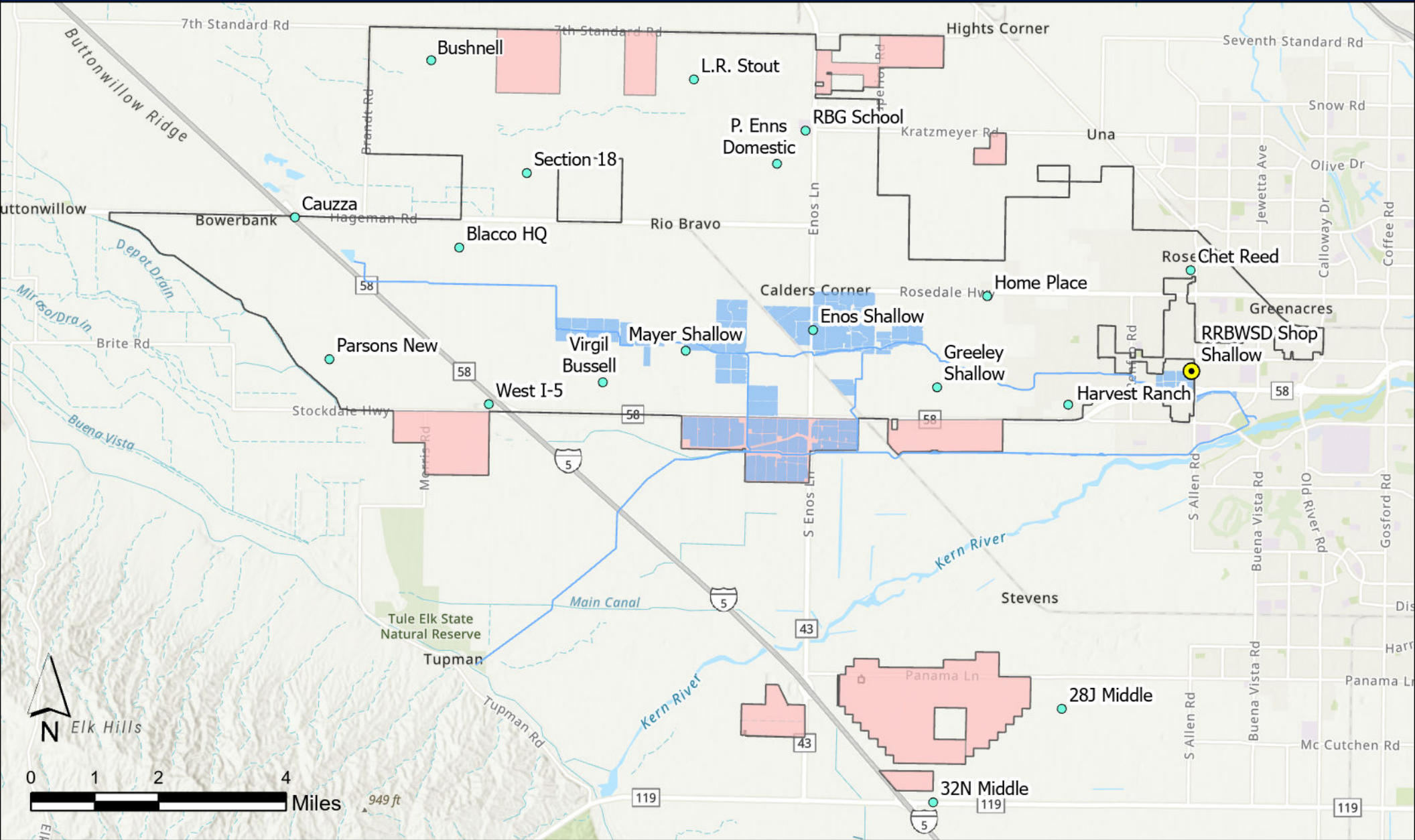


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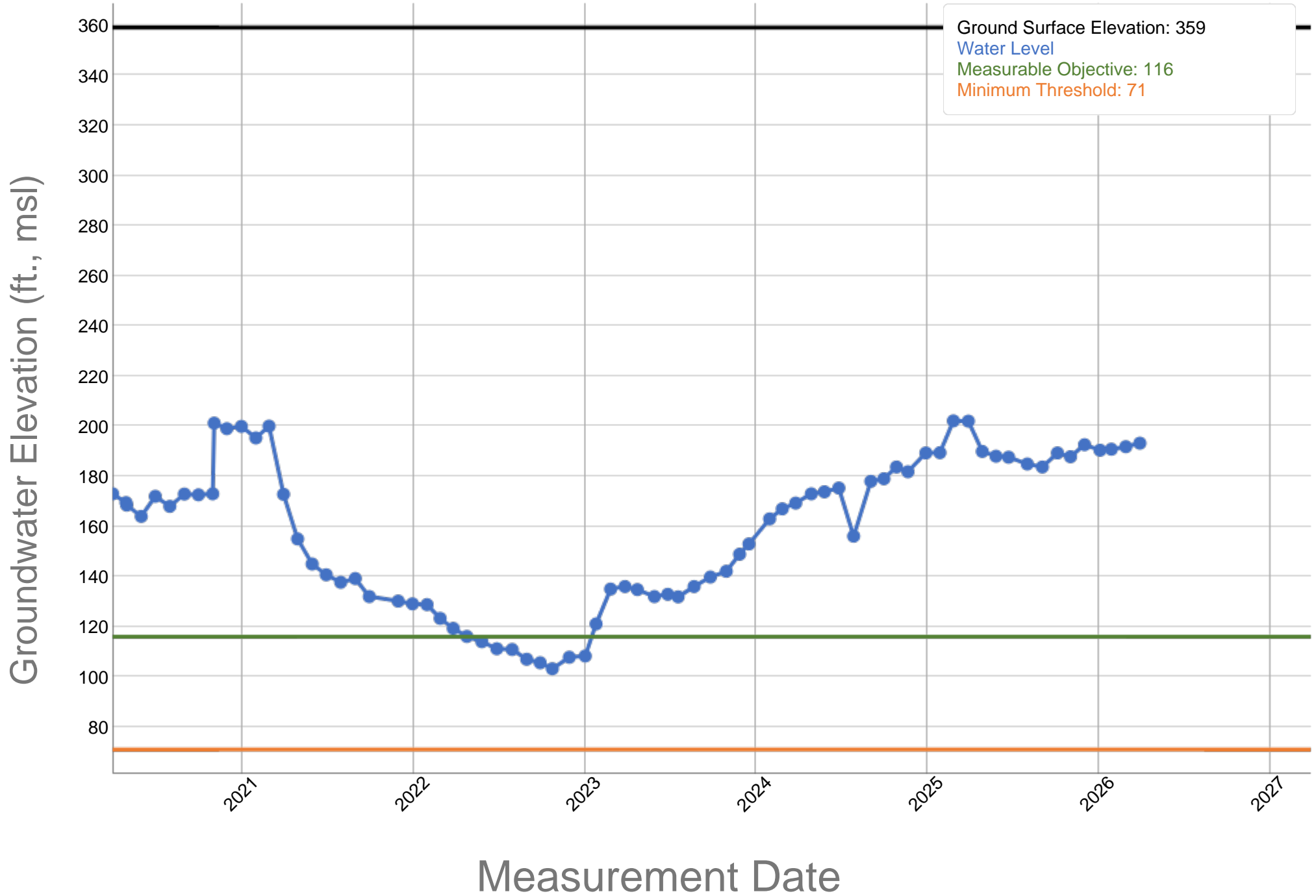
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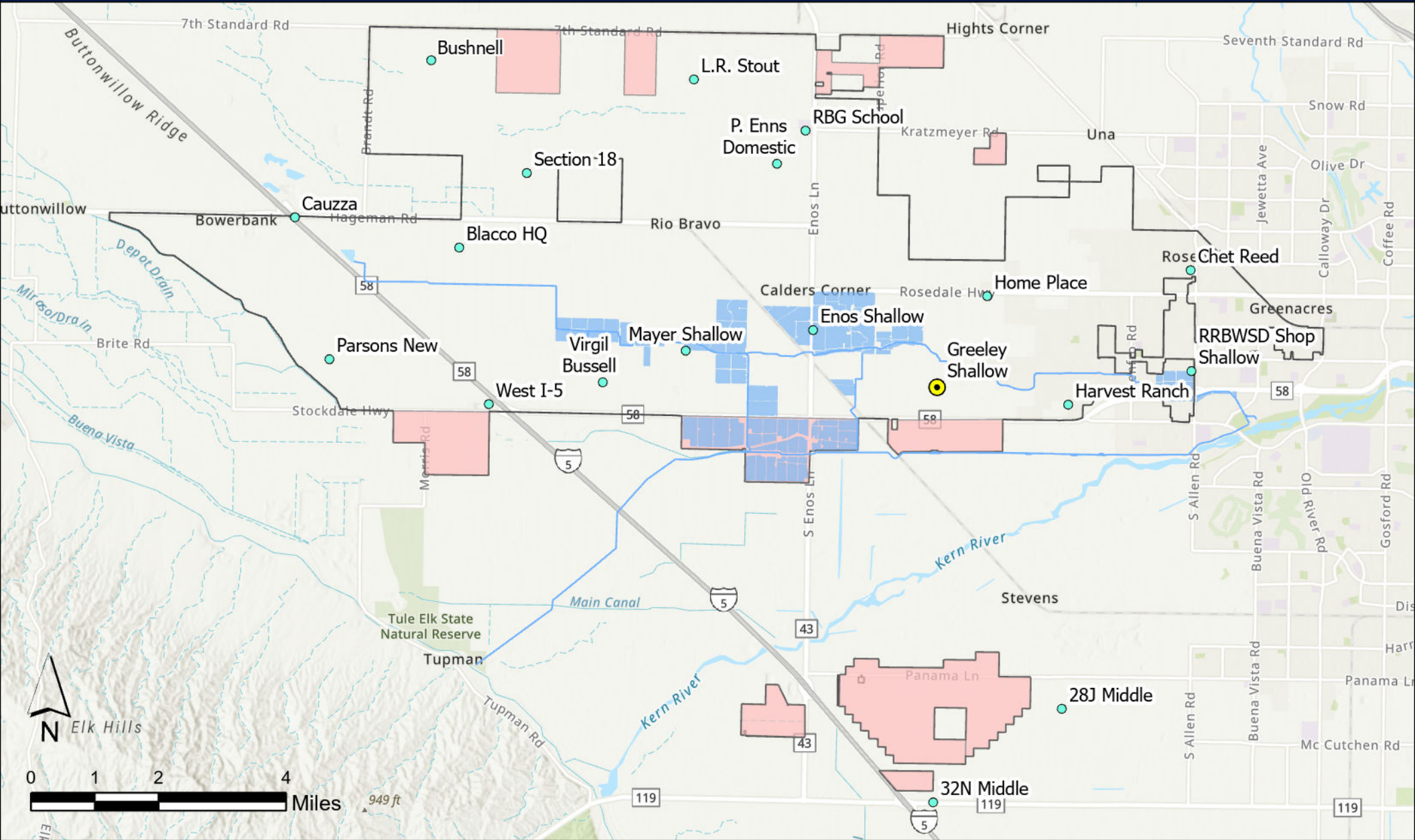
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- Conveyance Facilities
- Recharge Ponds
- RRBWS GSA White Lands
- RRBWS GSA Boundary



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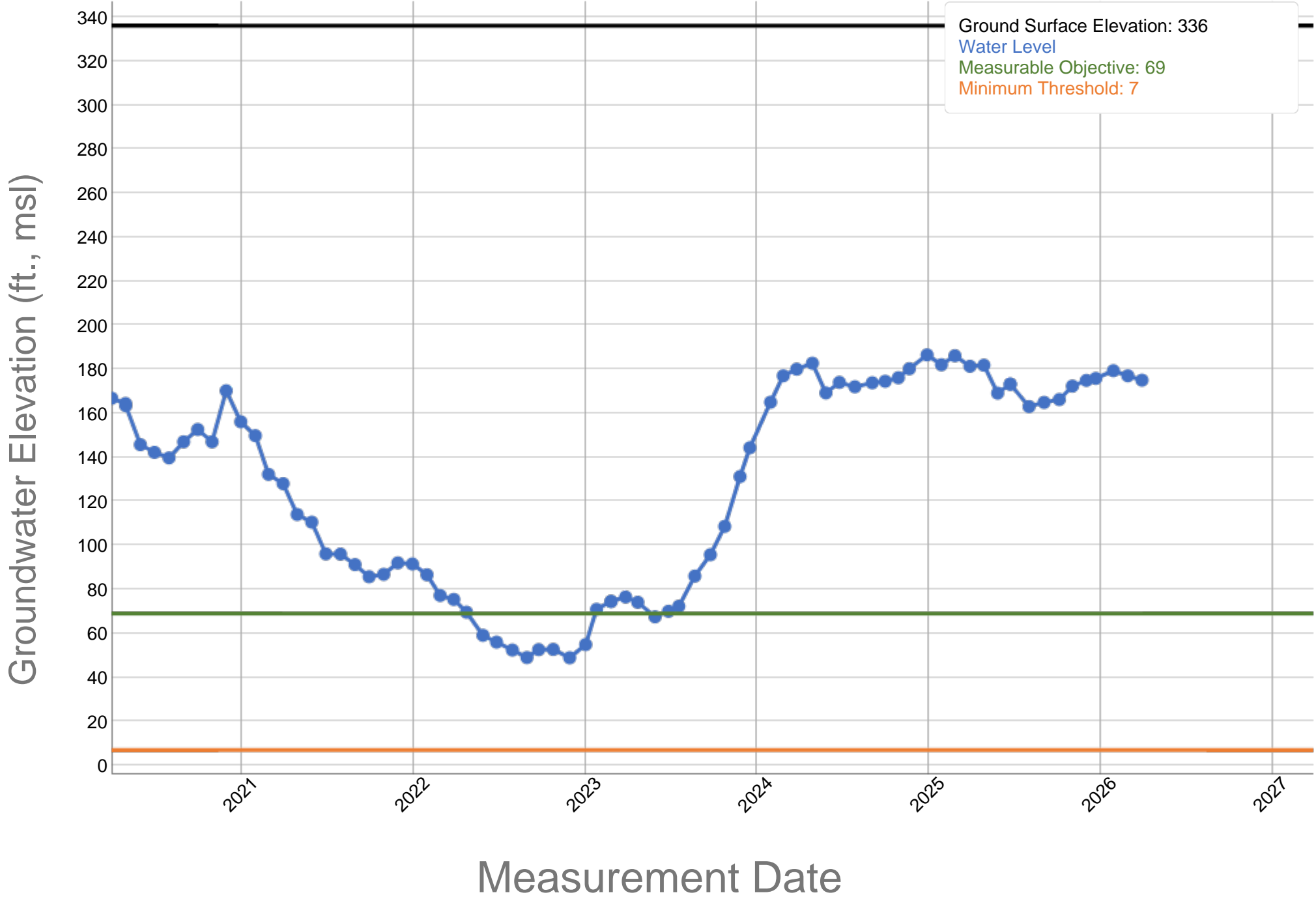
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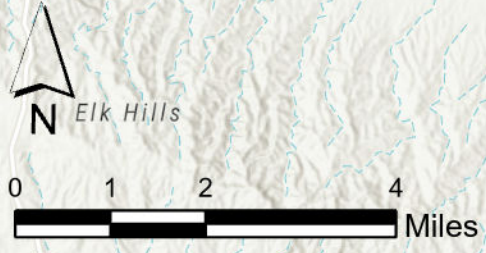
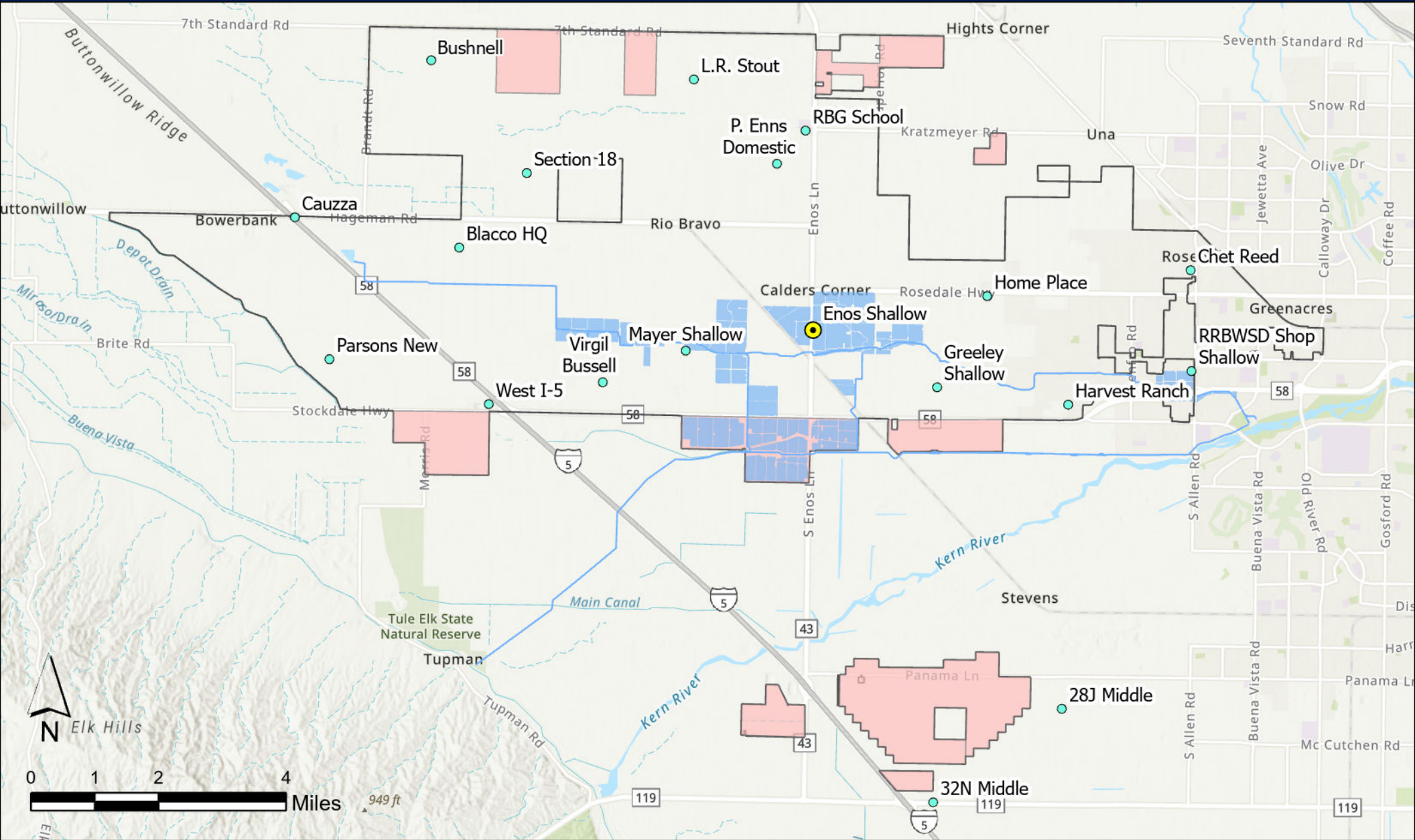
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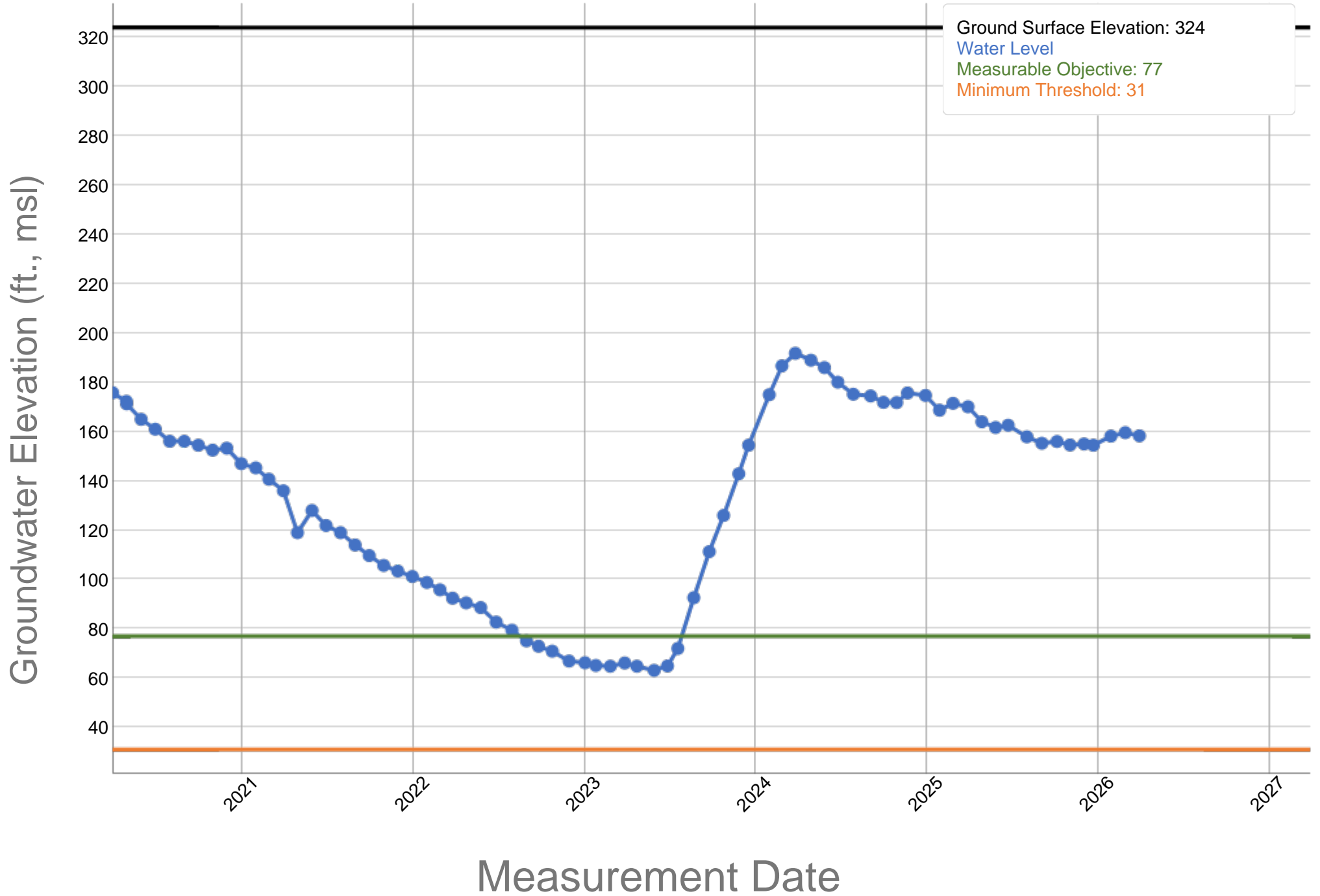
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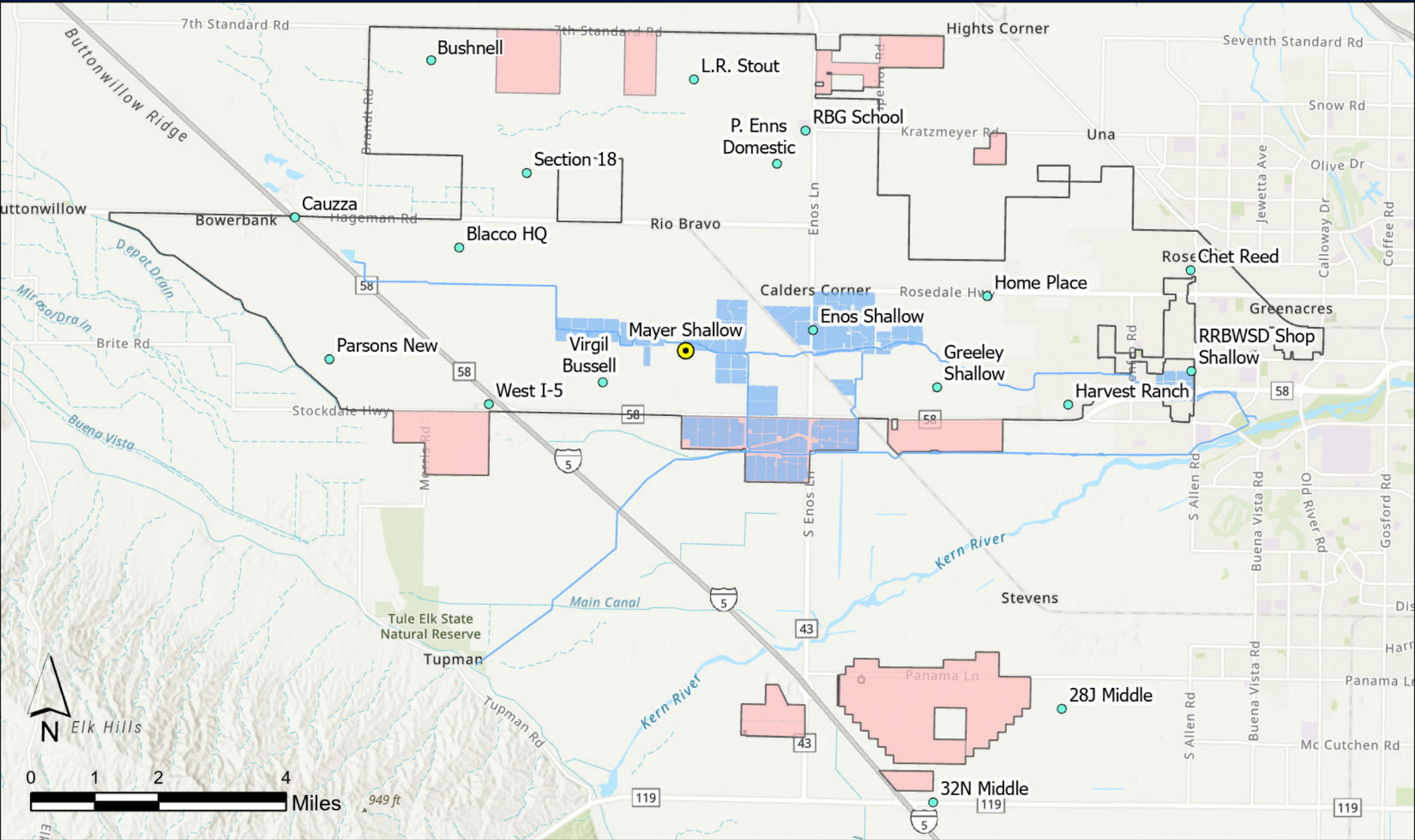
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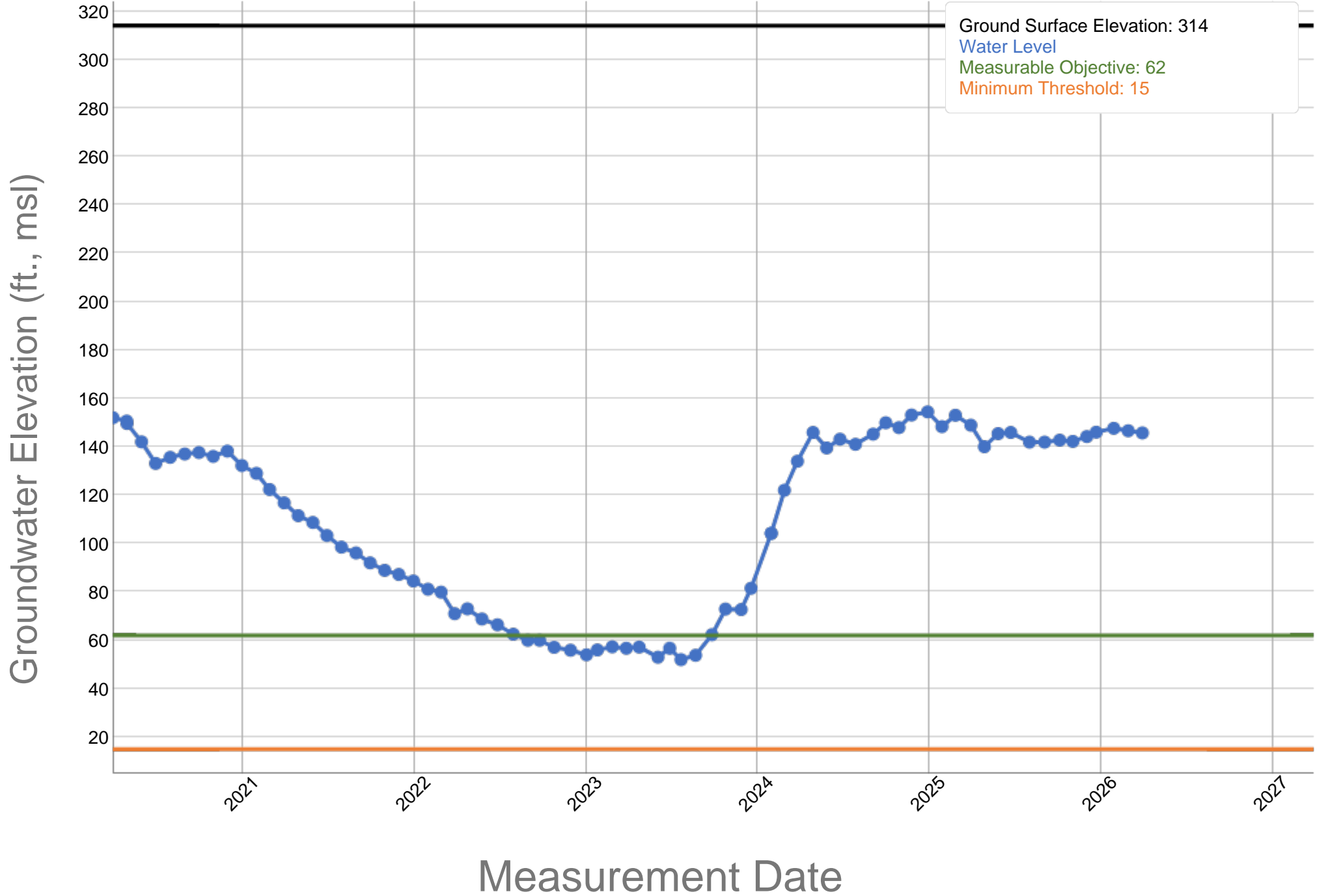
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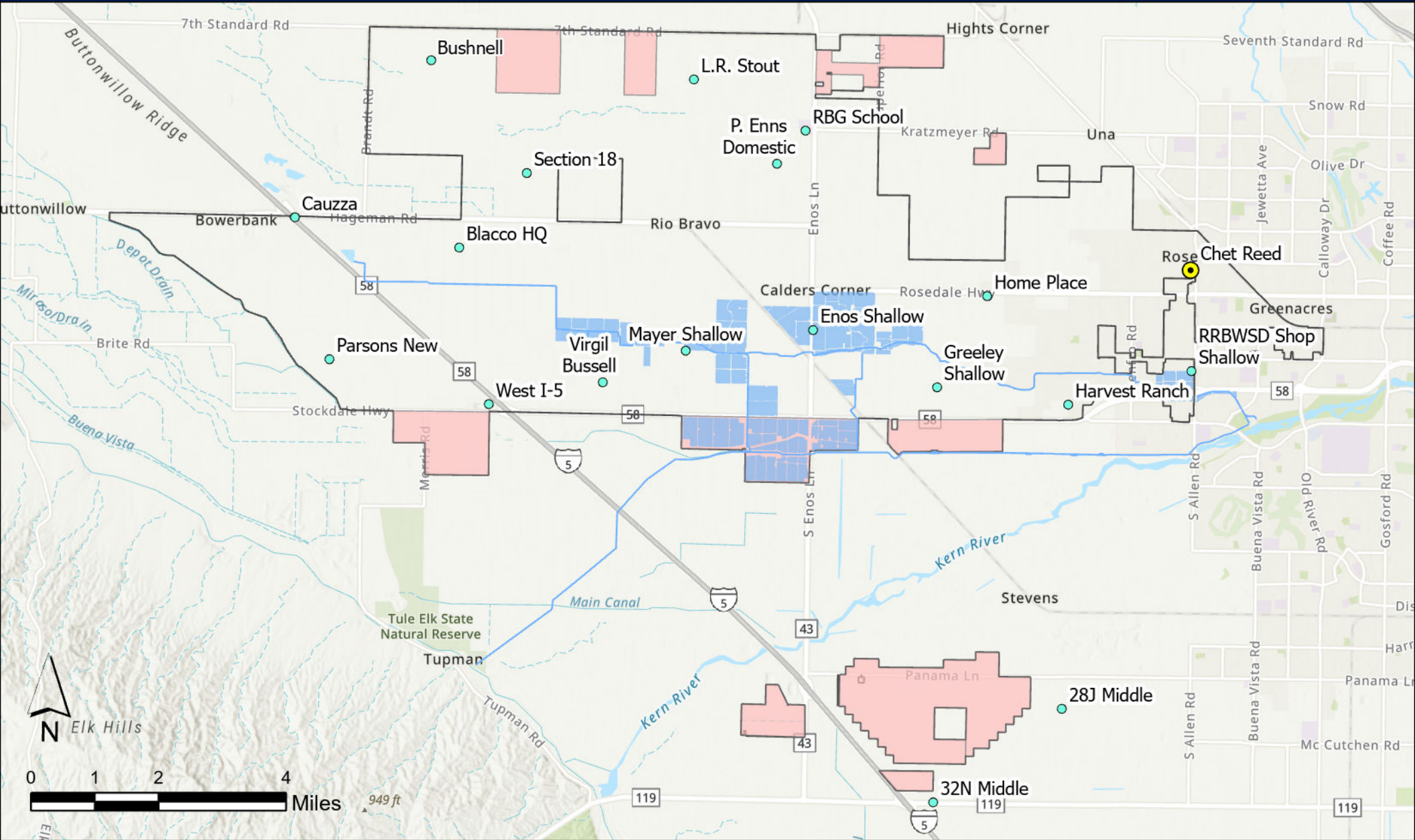
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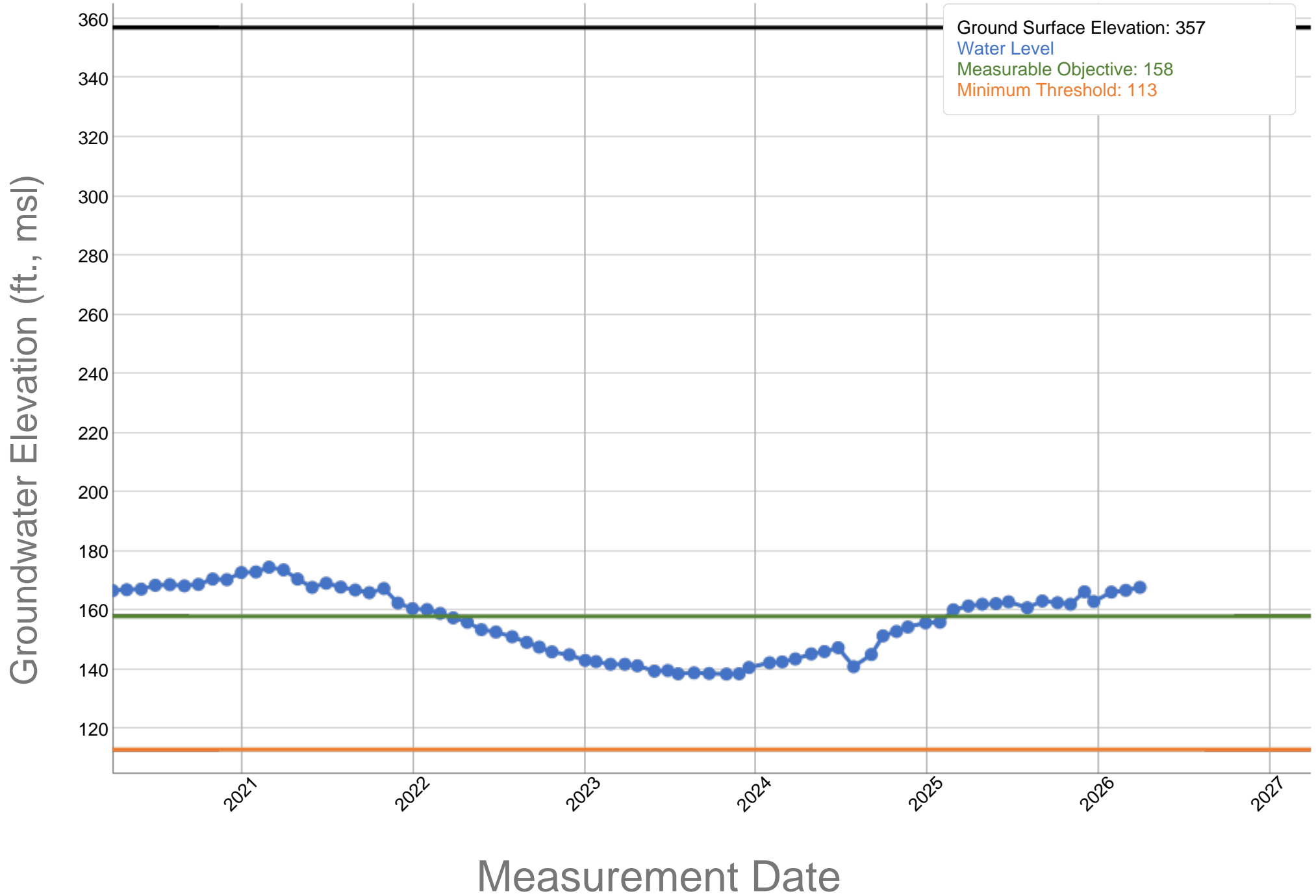
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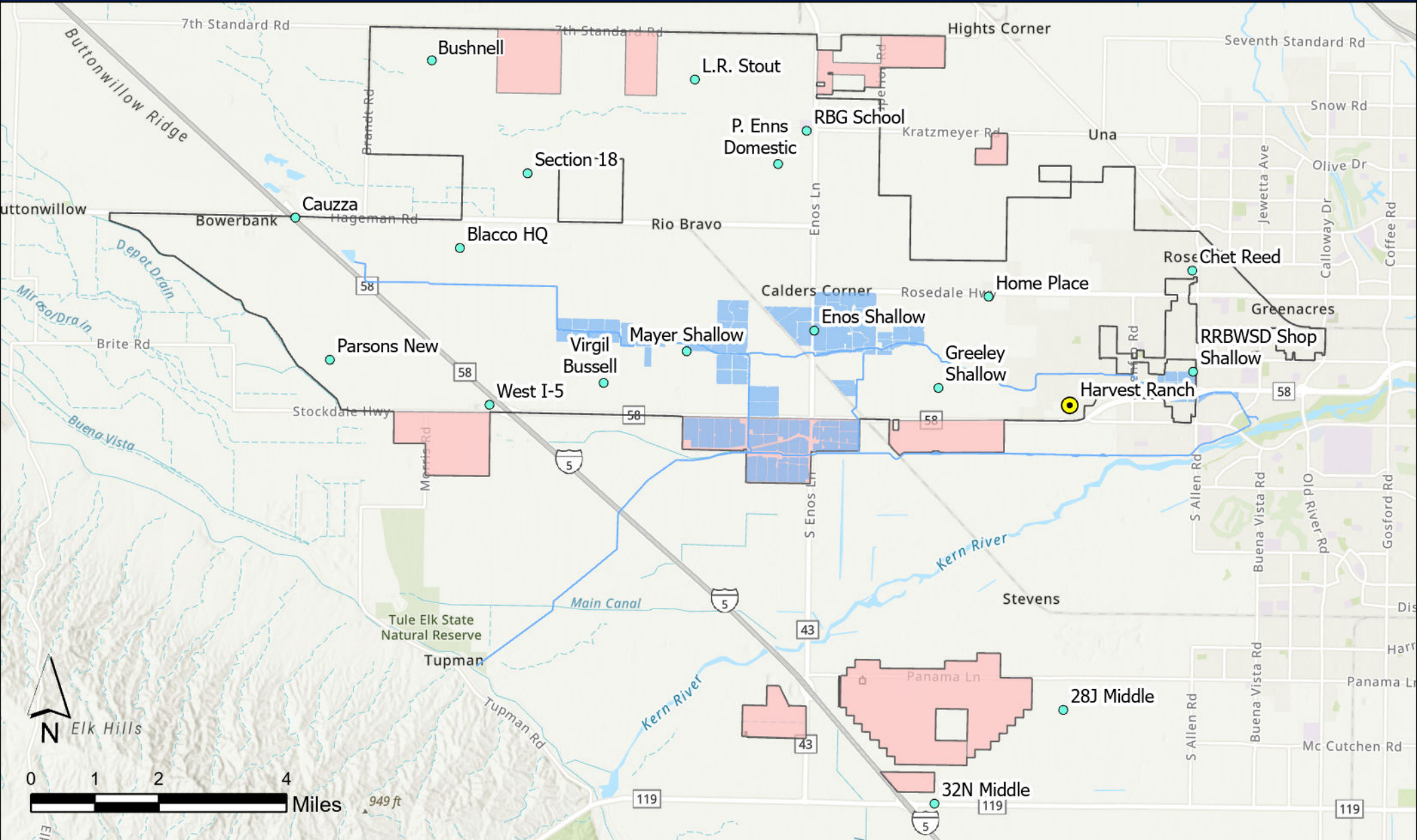
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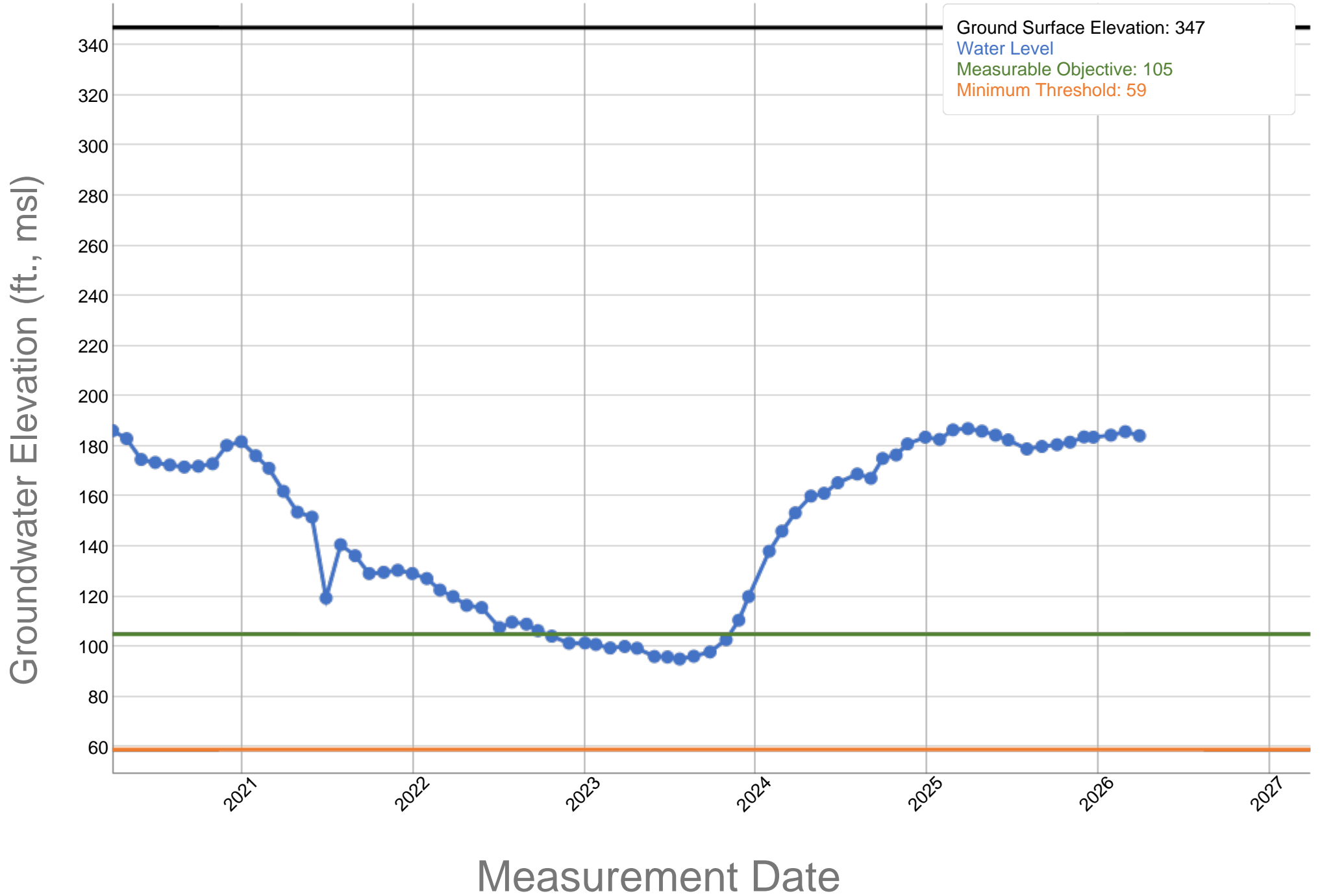
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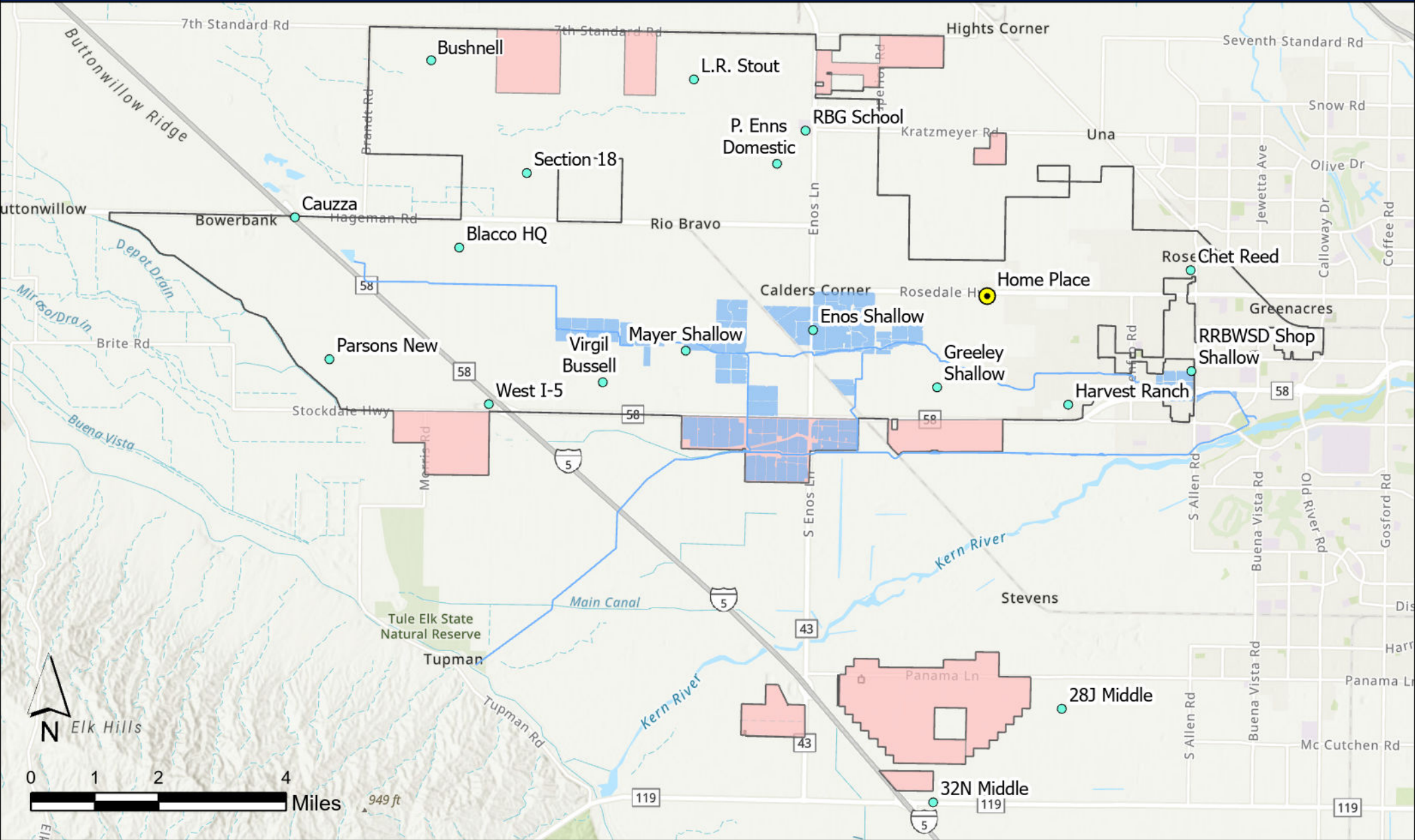
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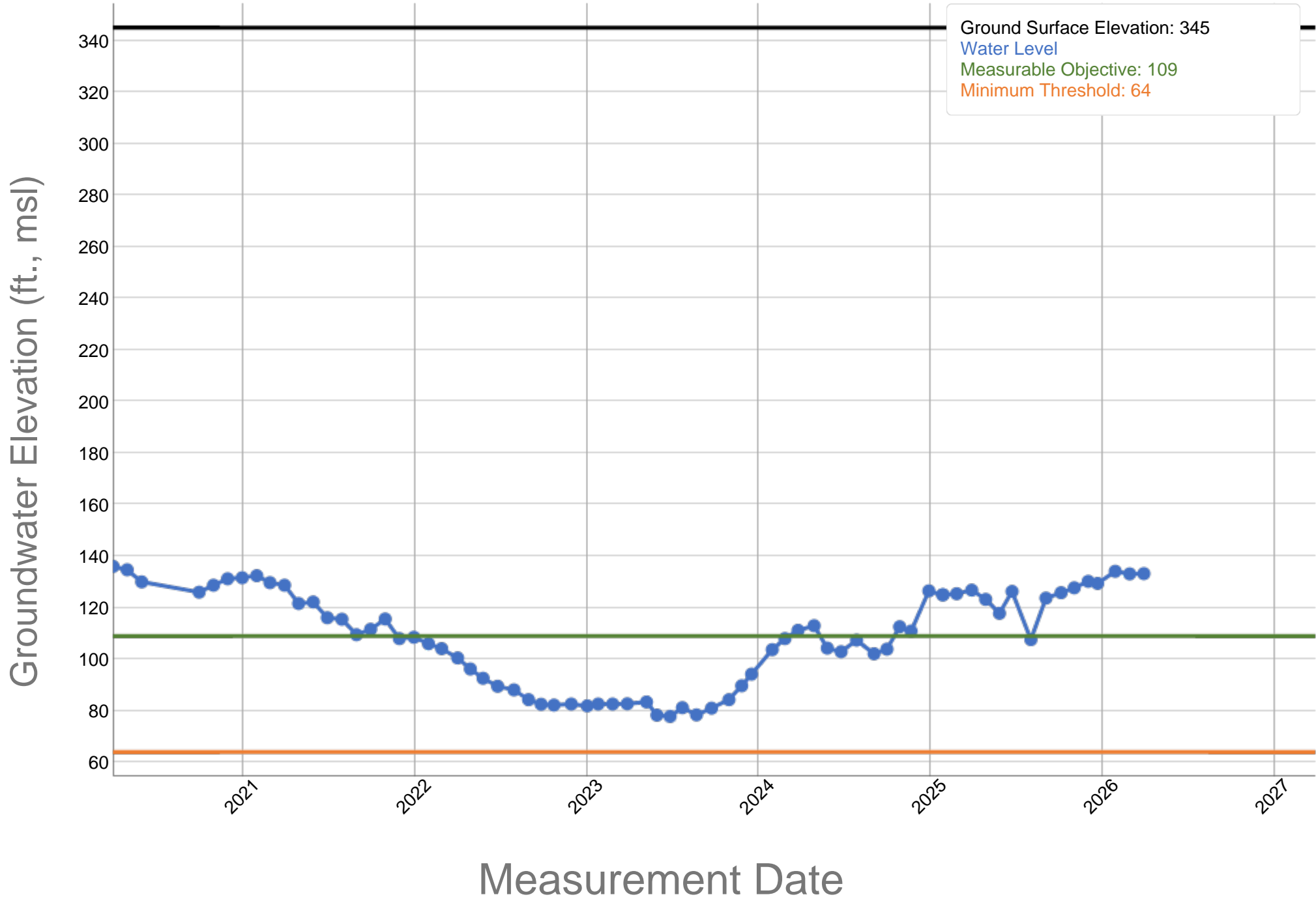
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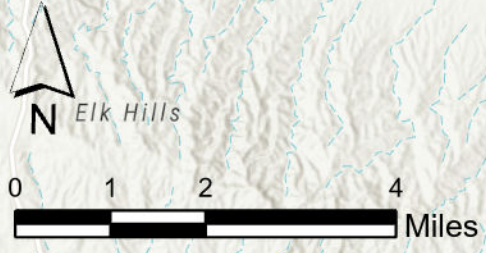
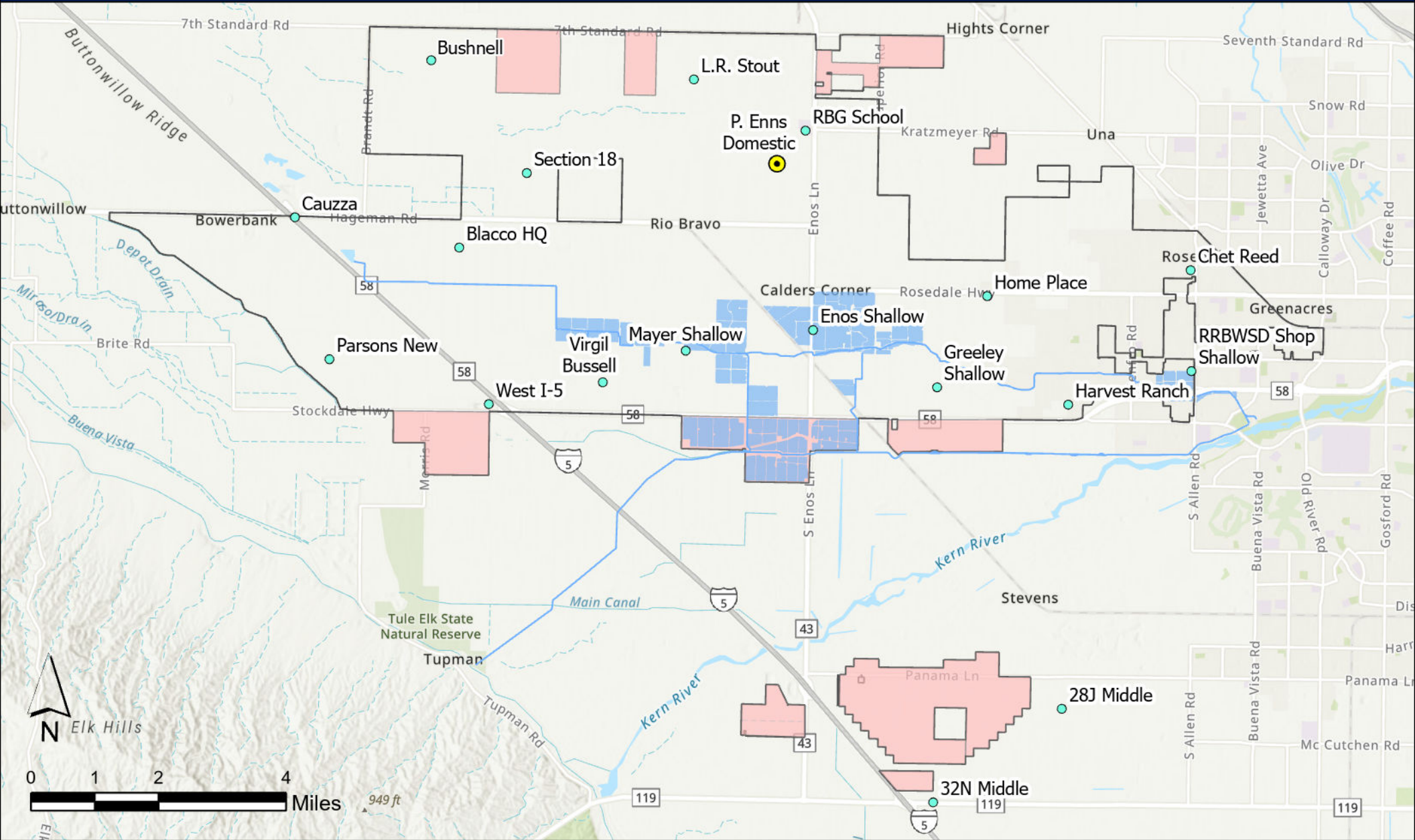
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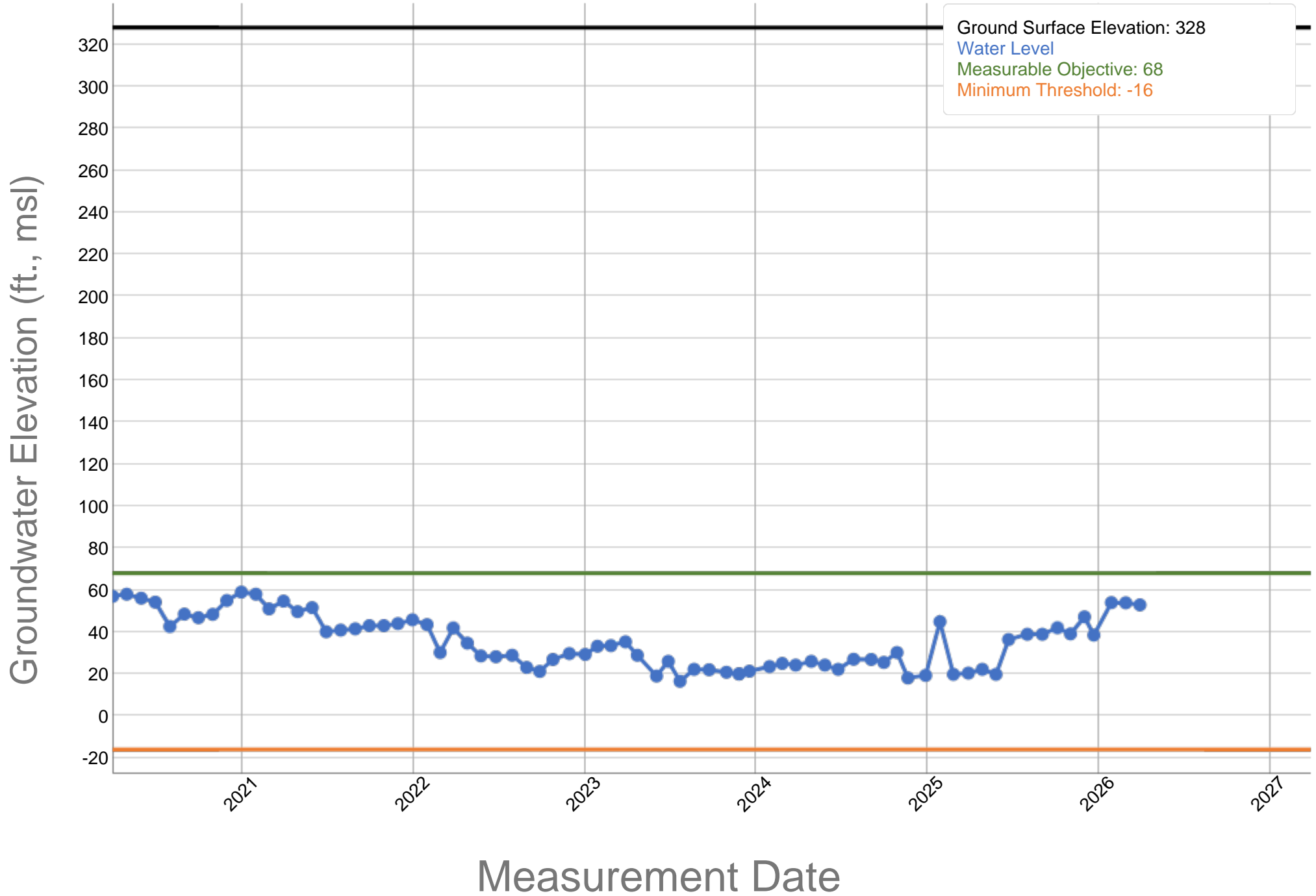
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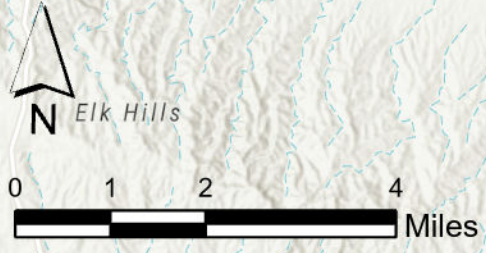
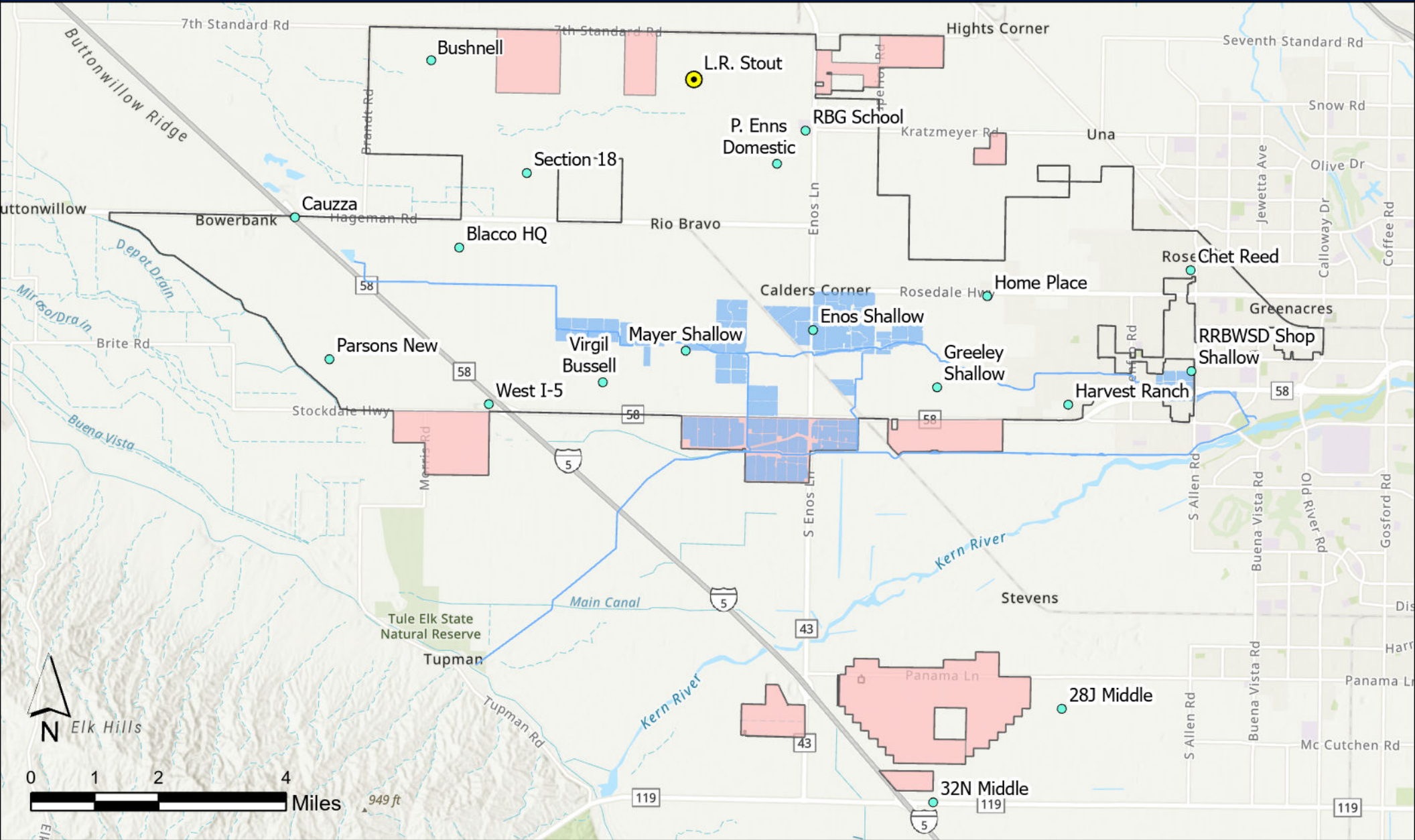
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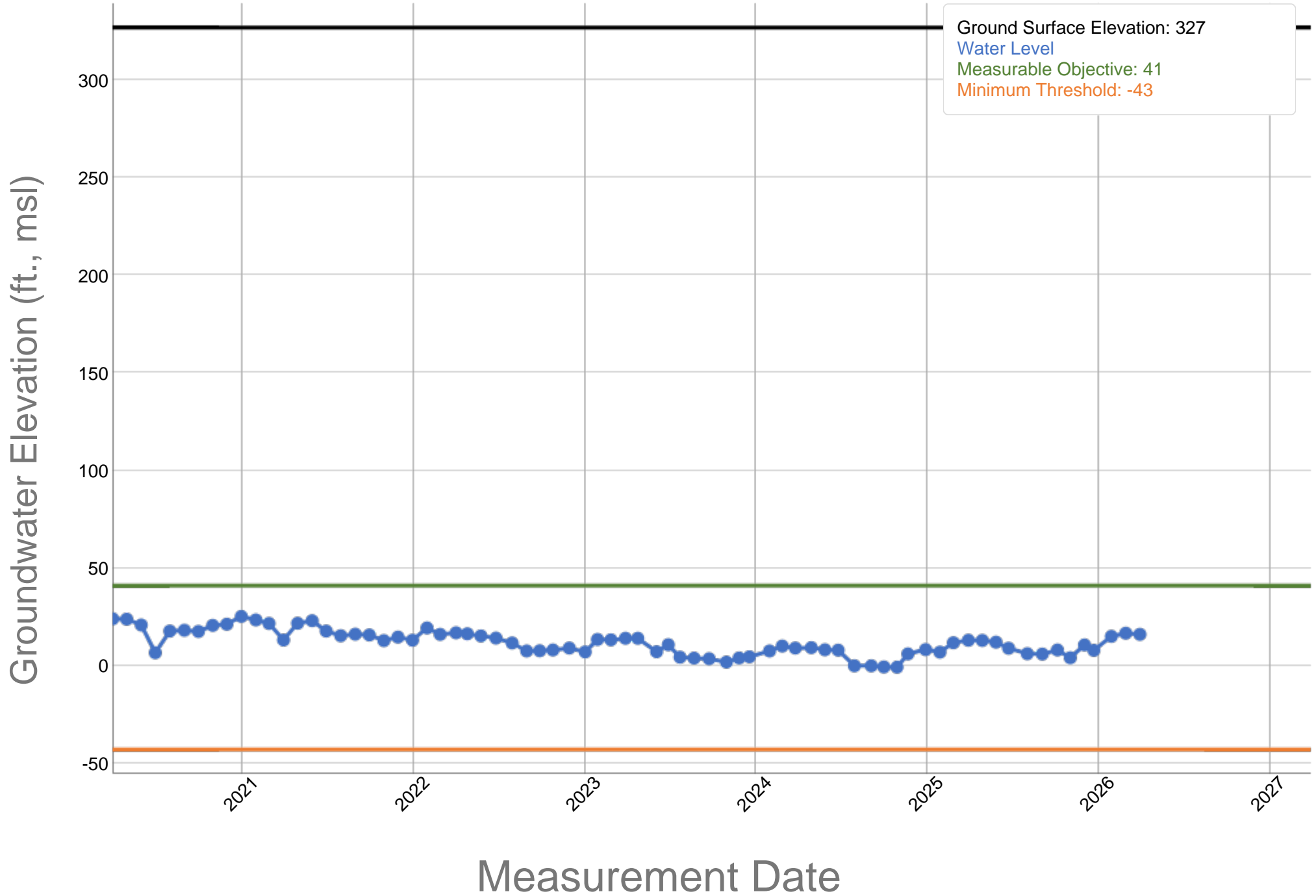
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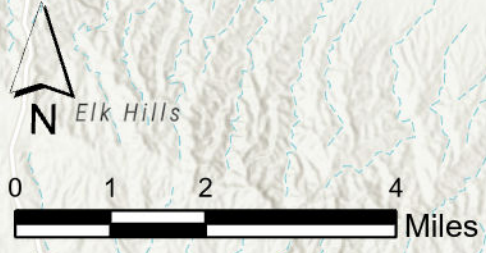
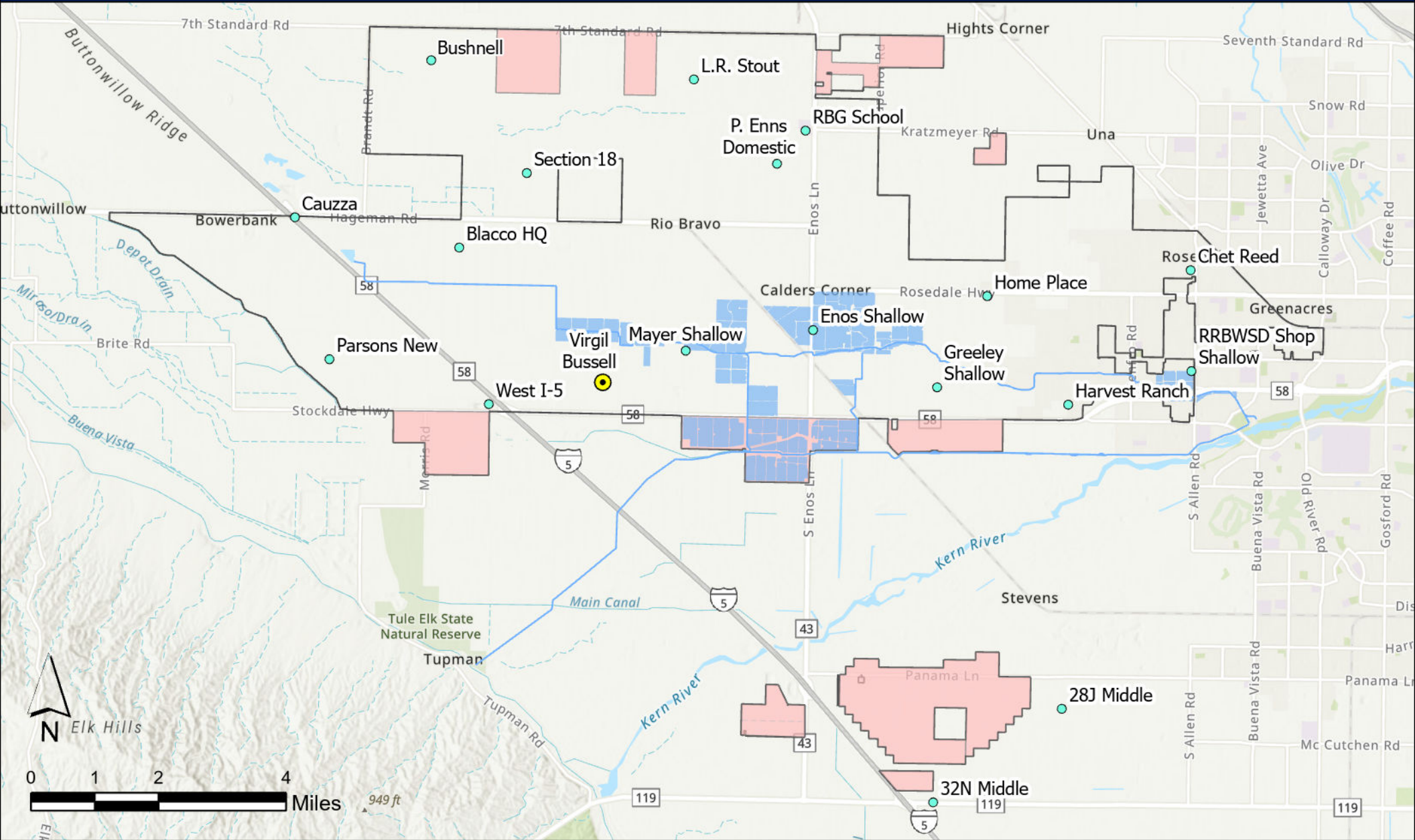
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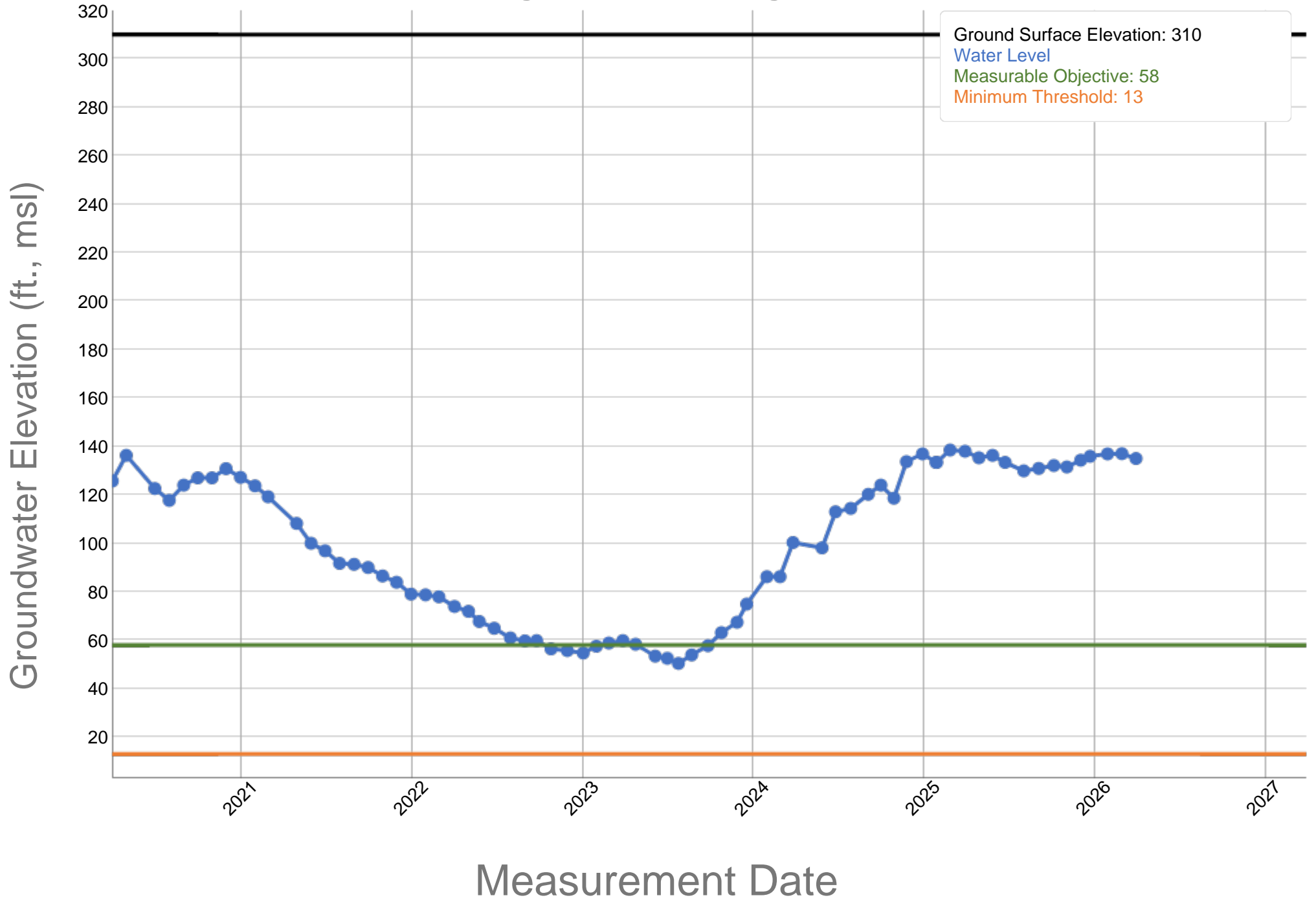
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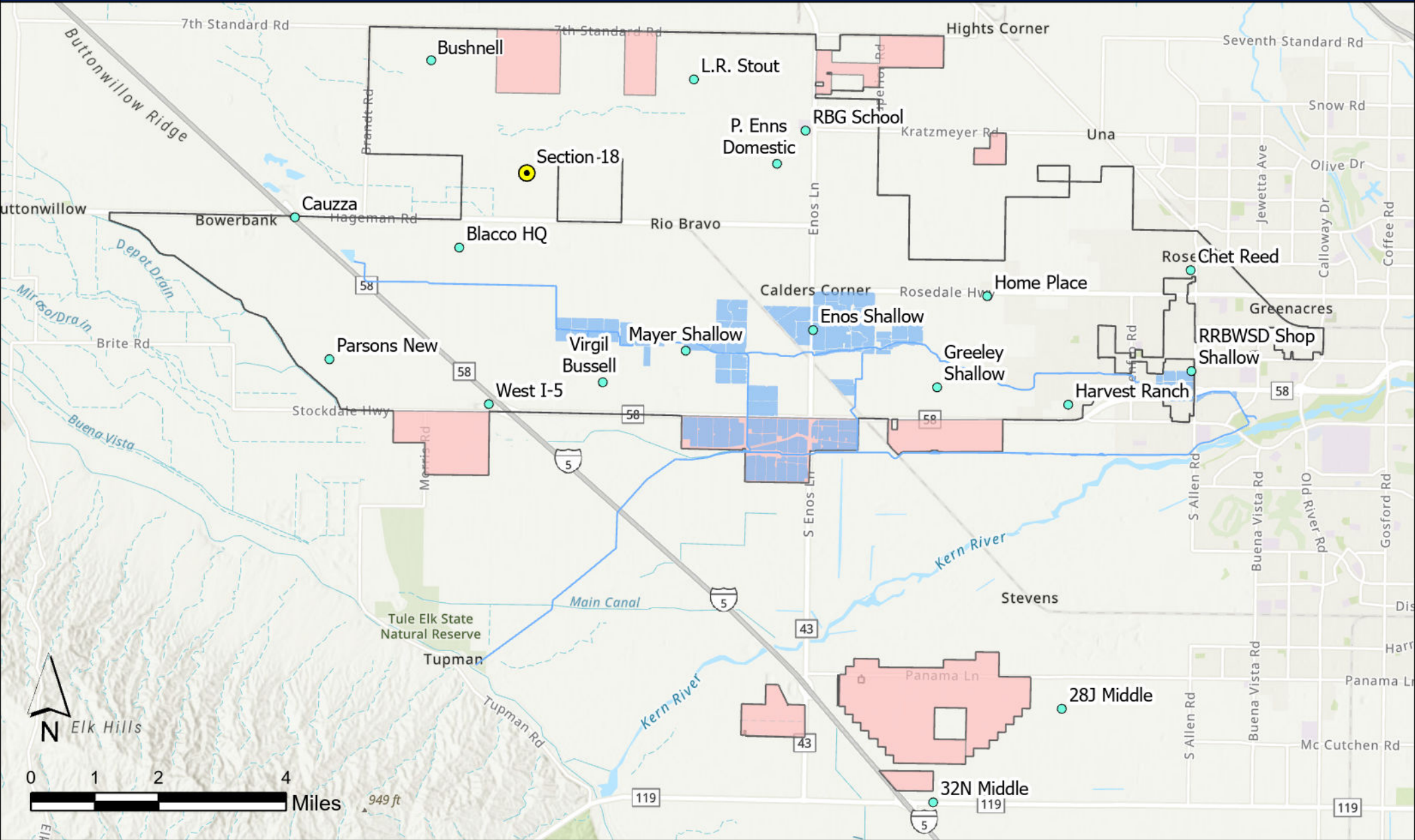
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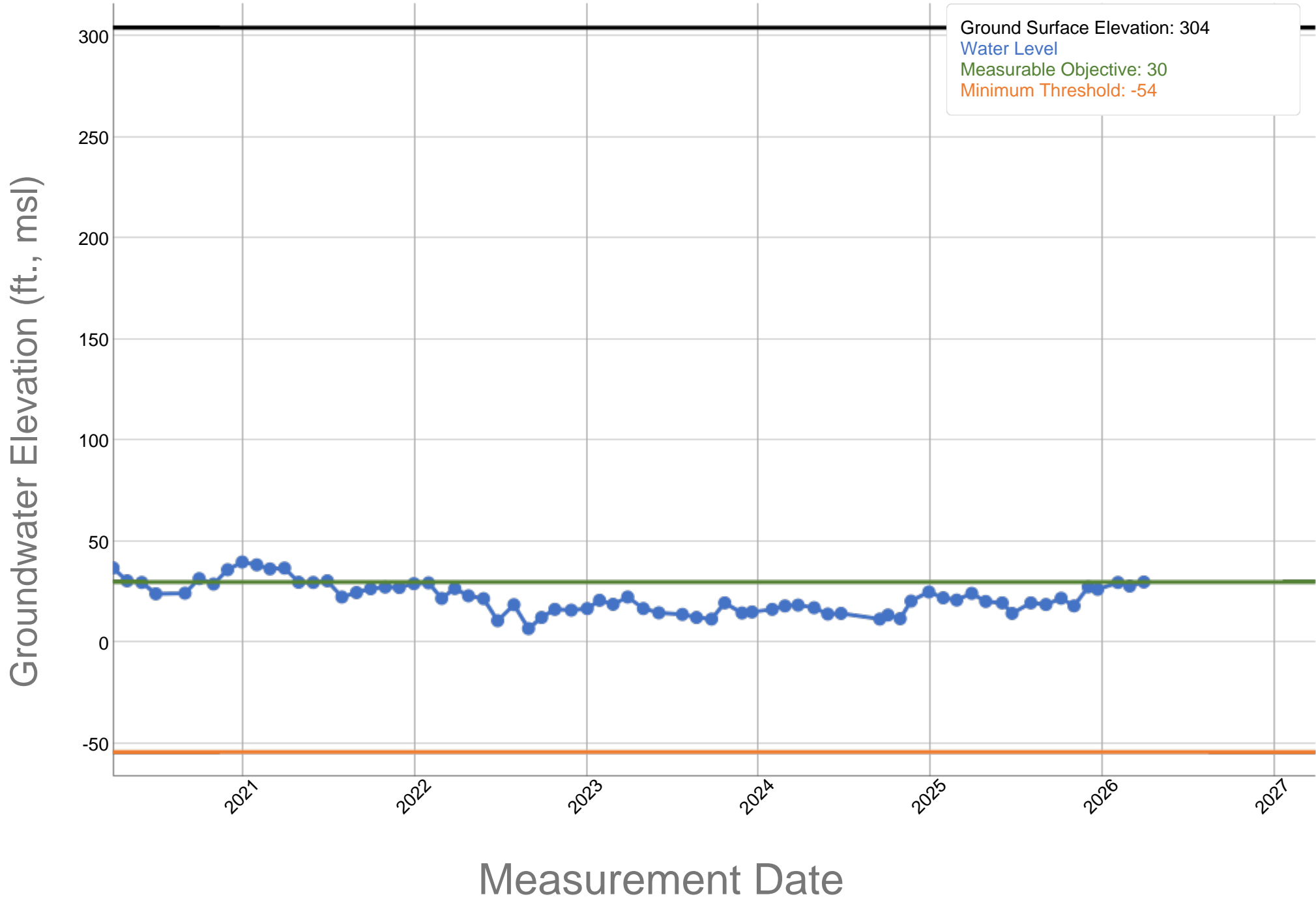
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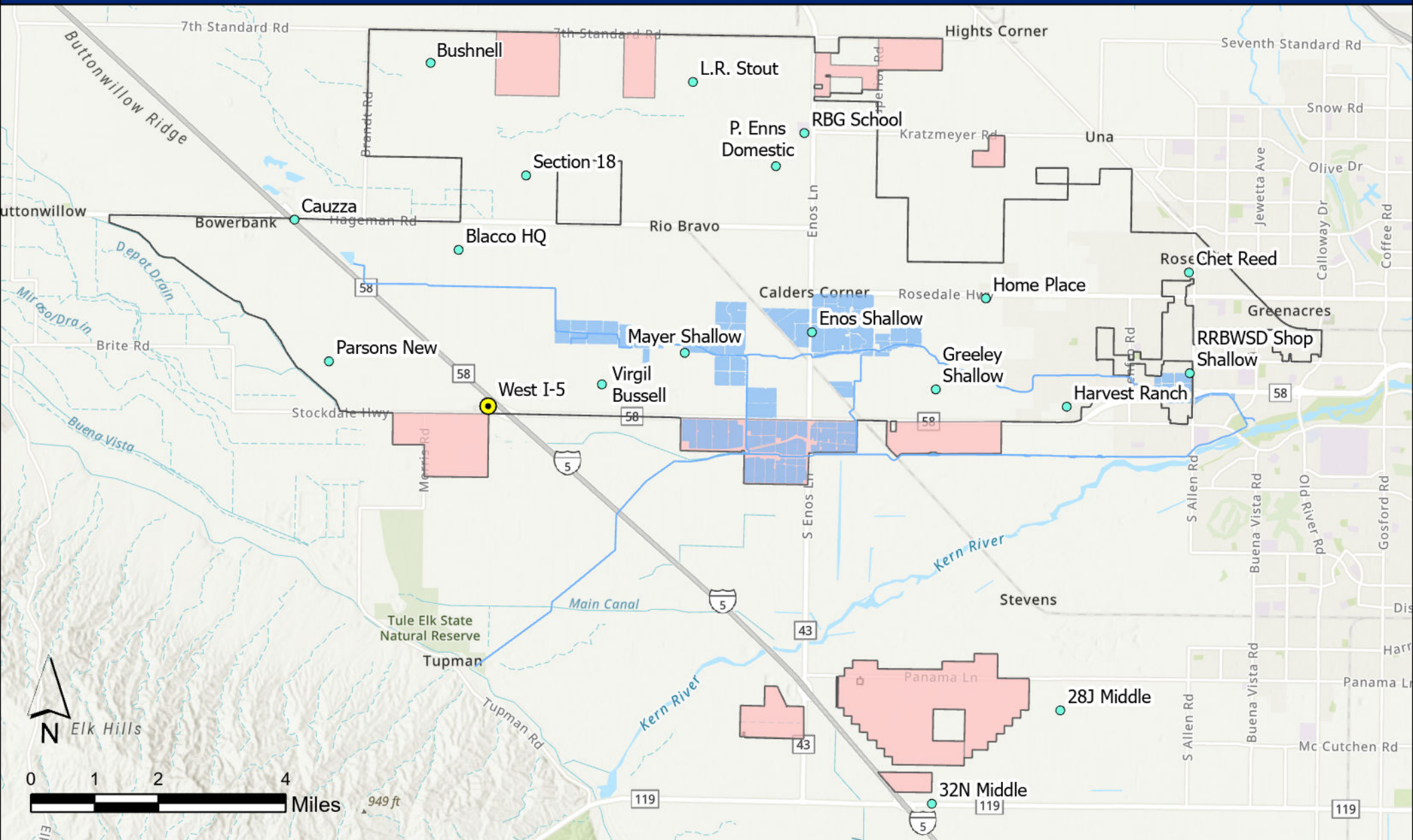
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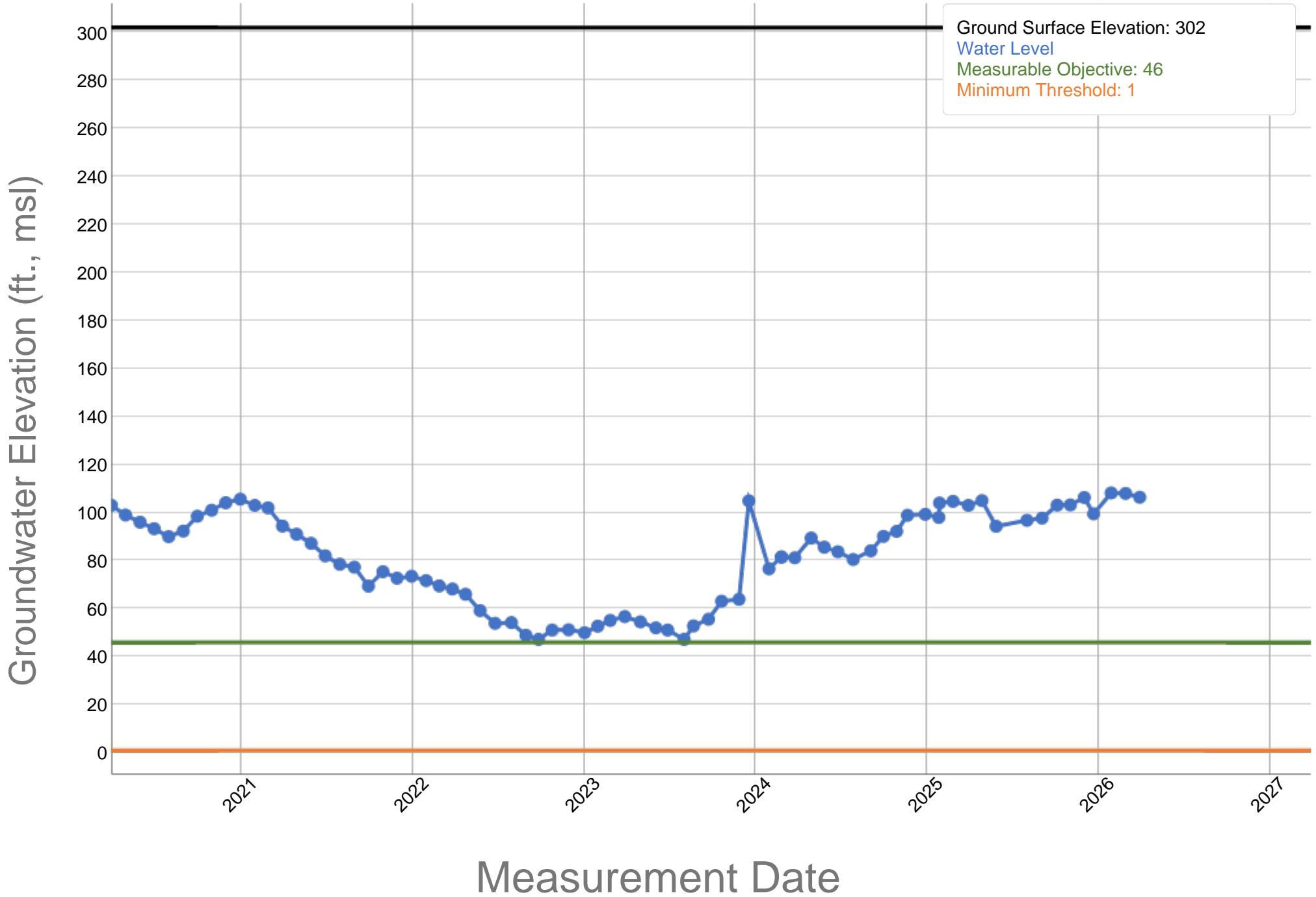
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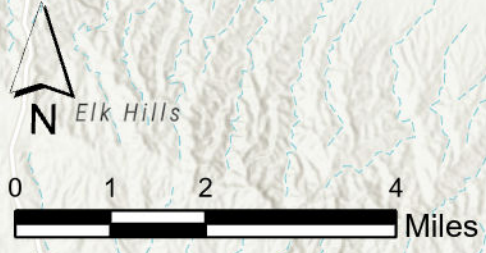
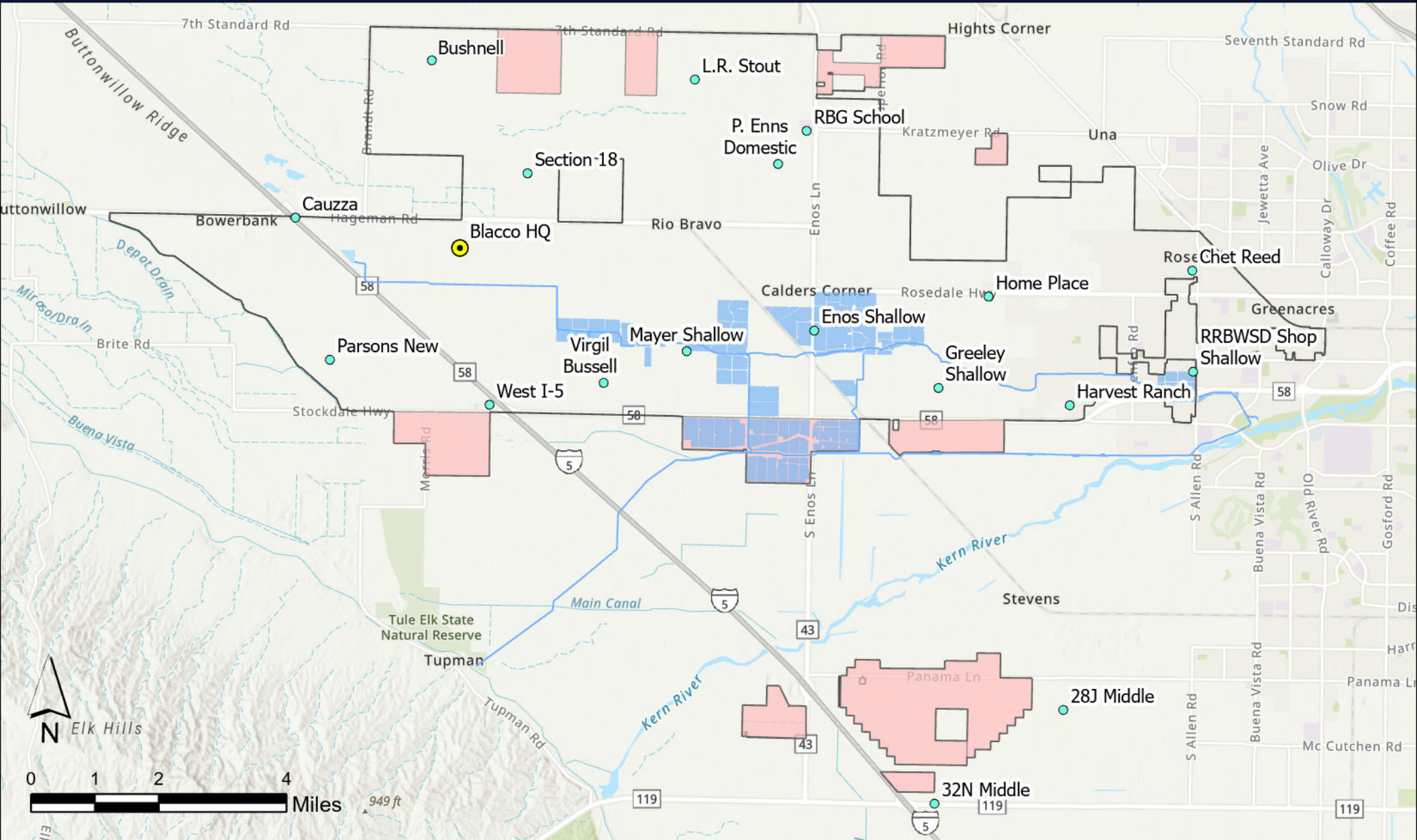
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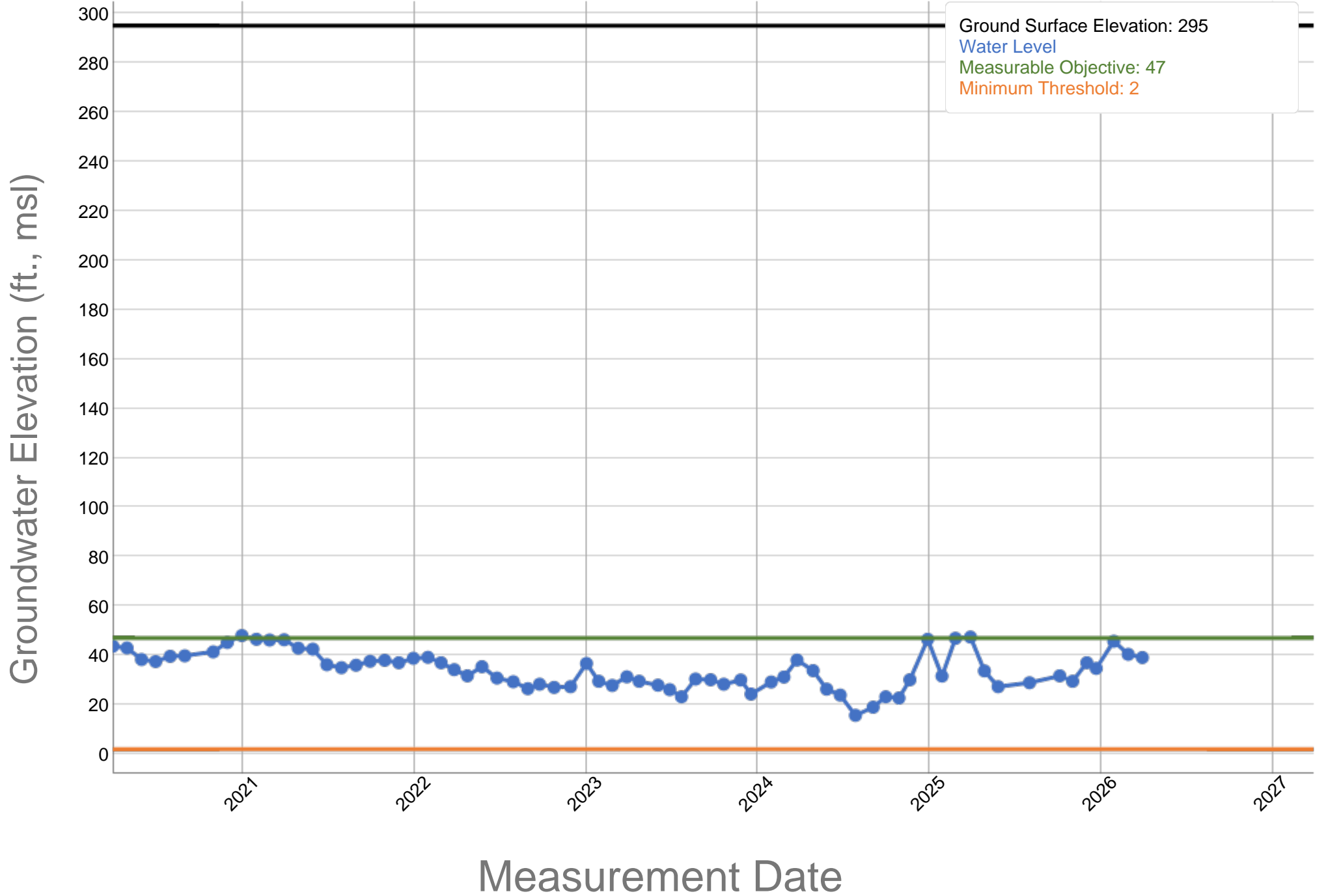
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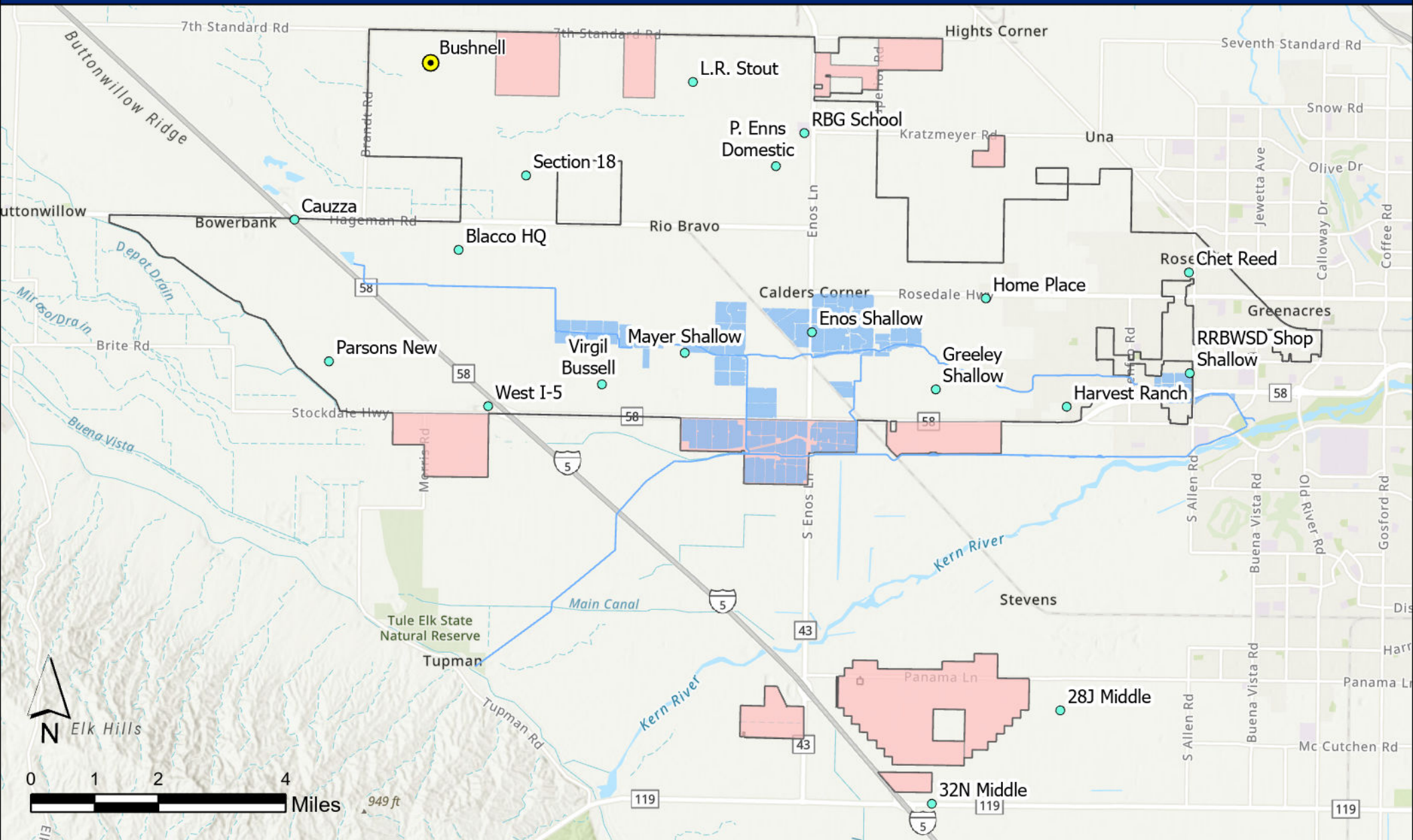
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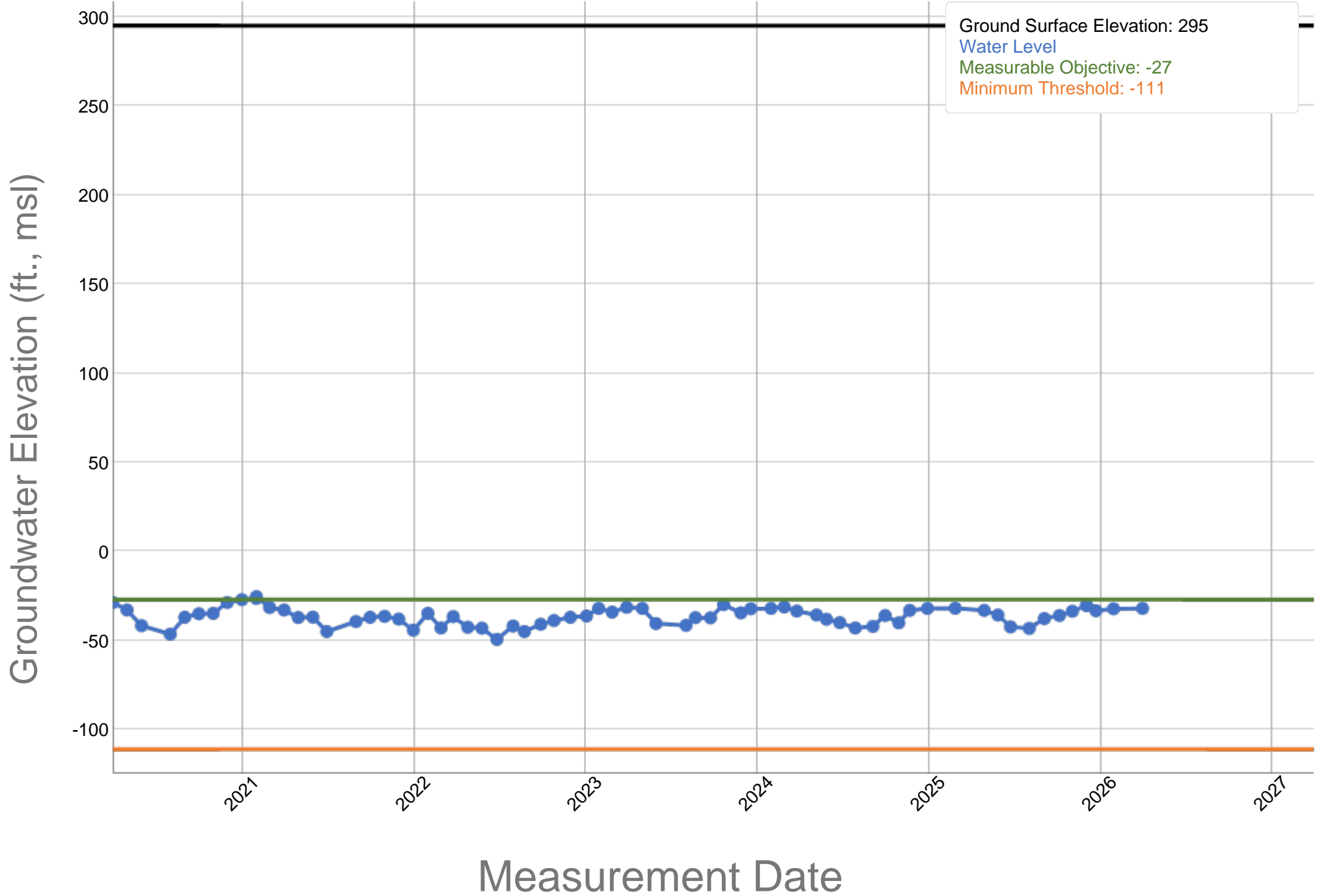
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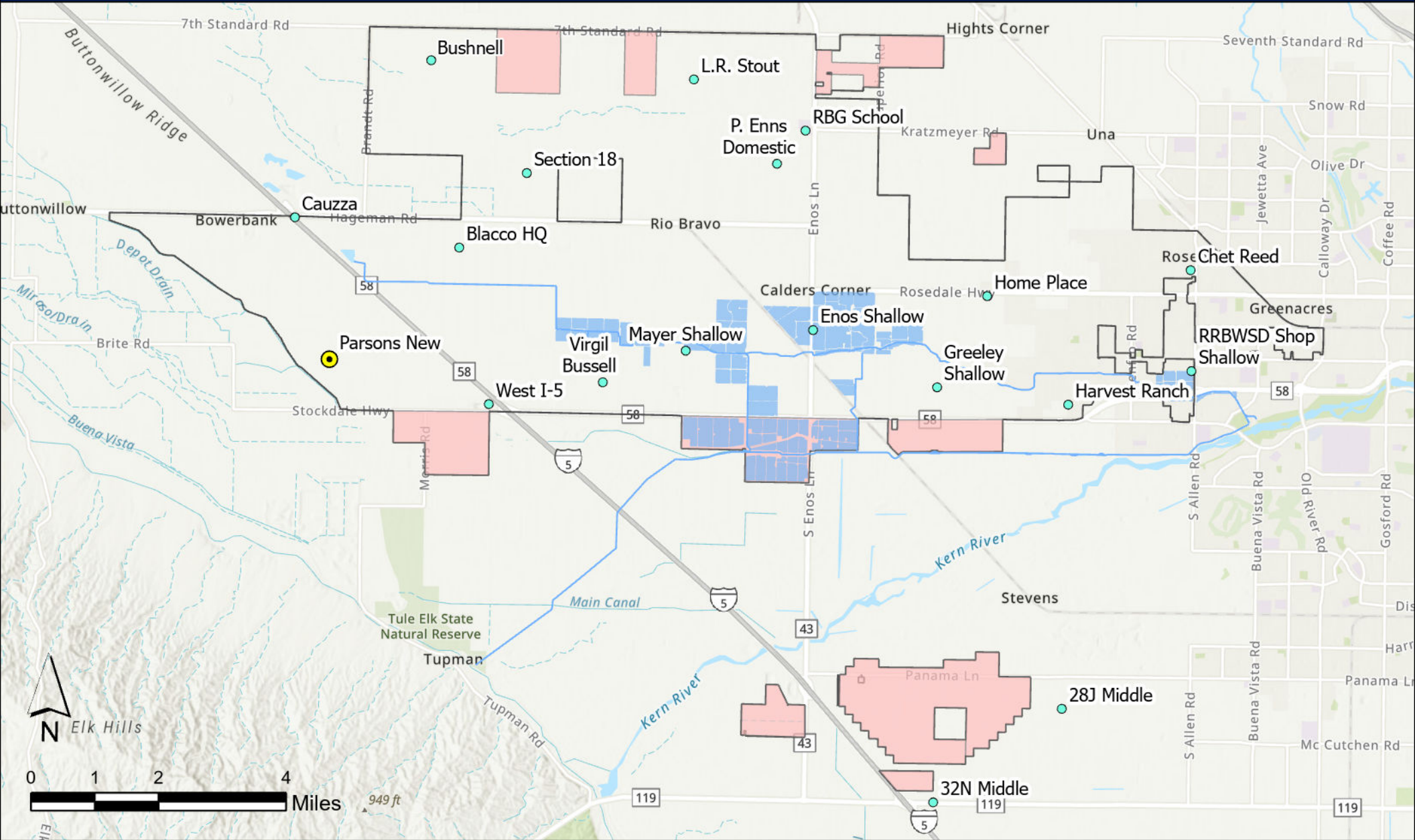
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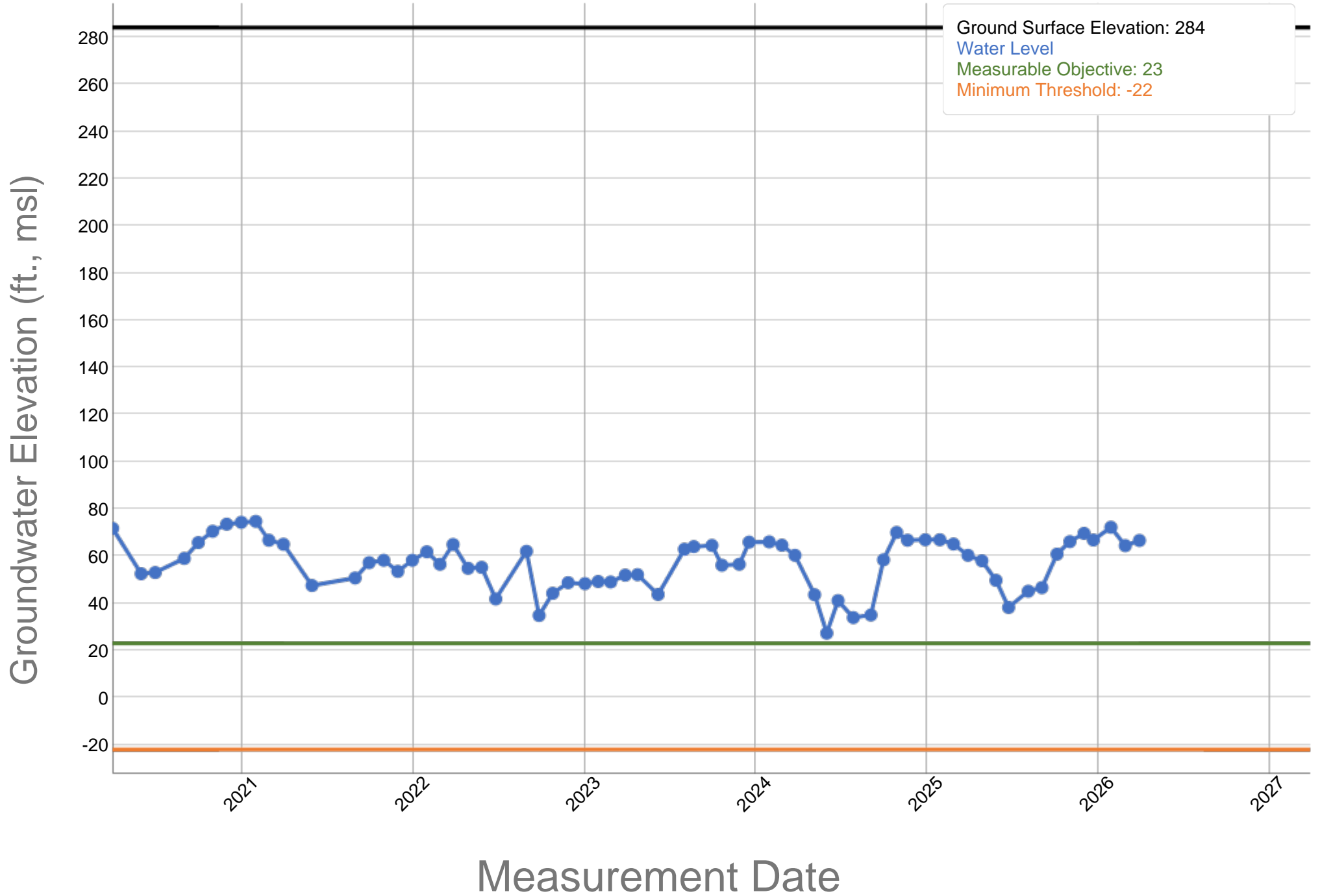
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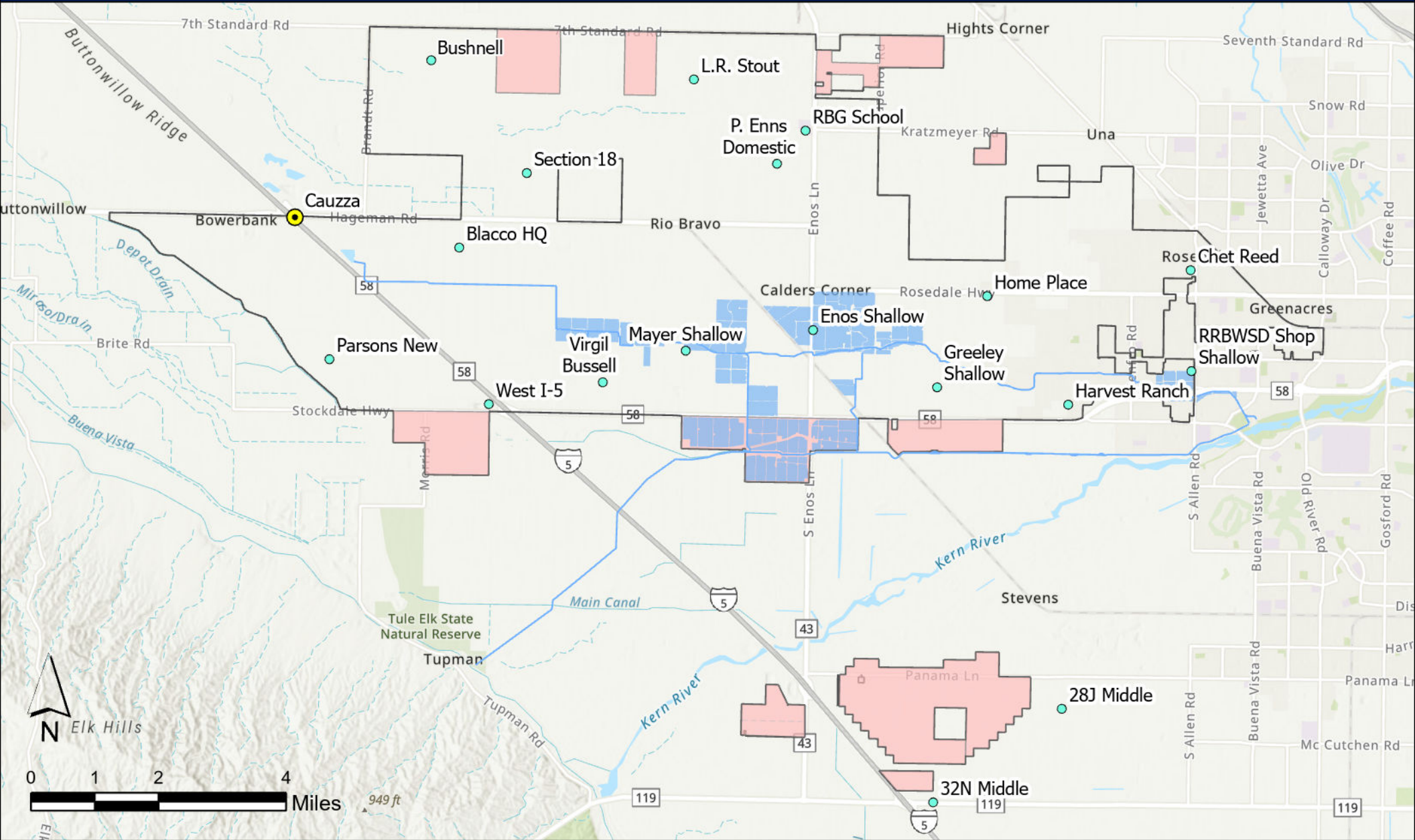
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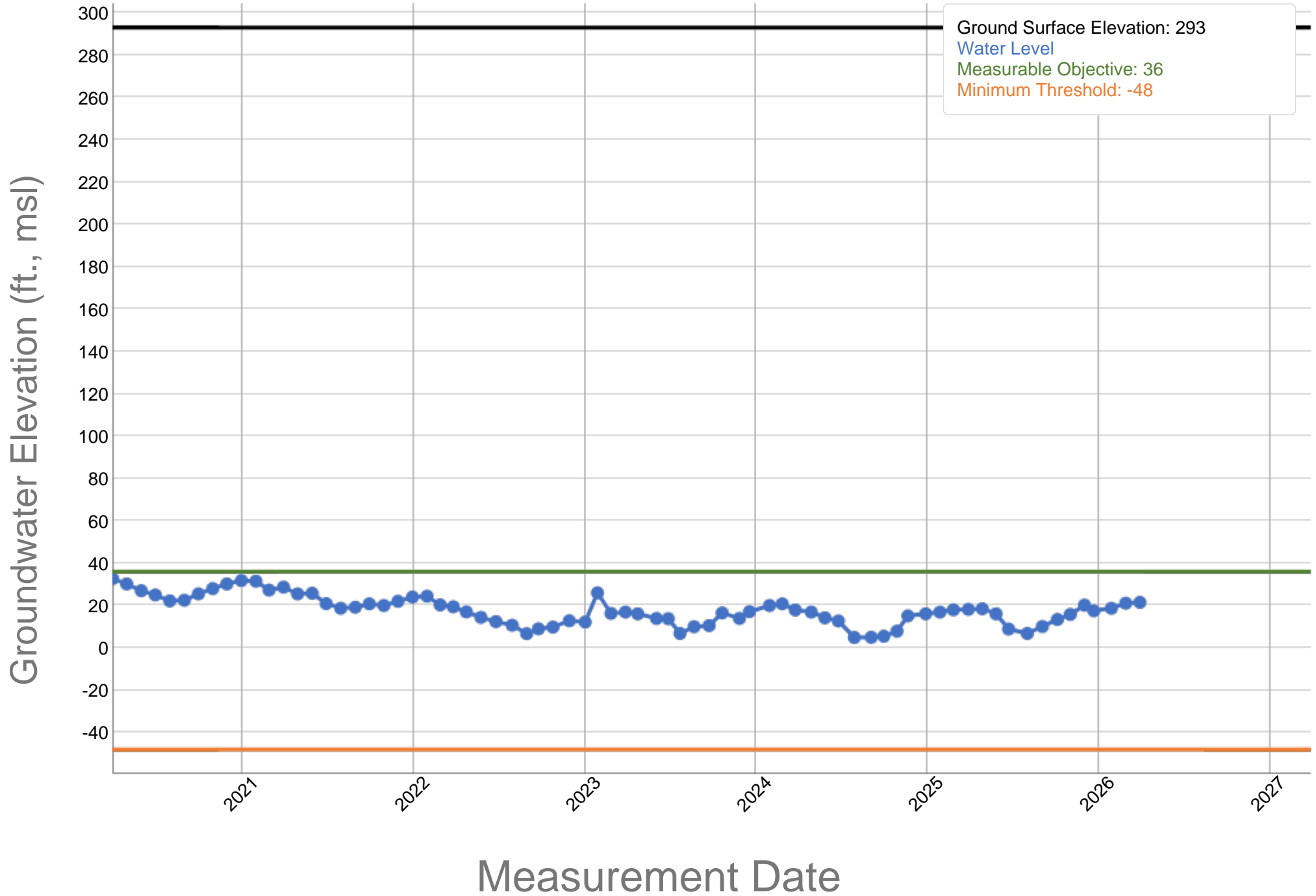
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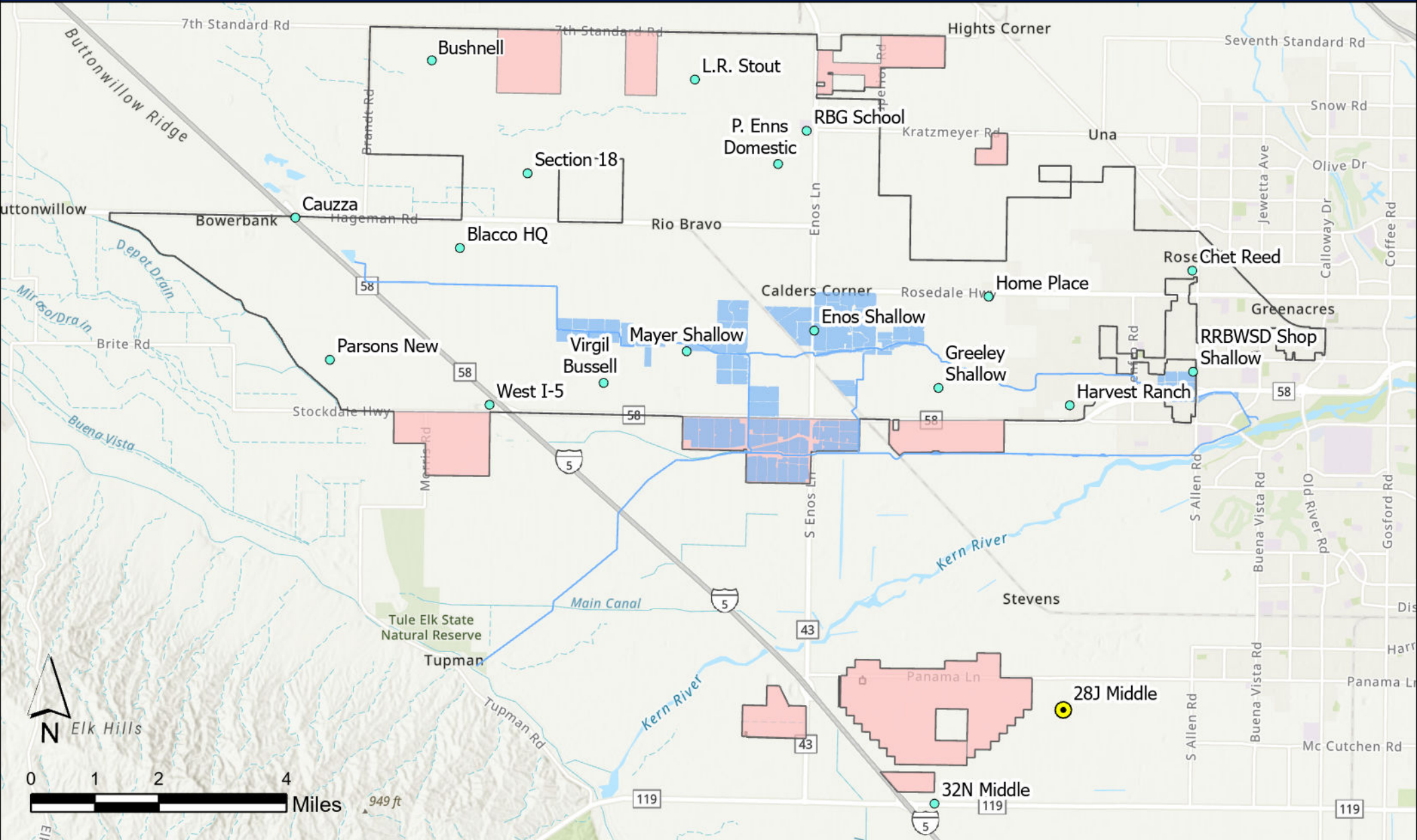
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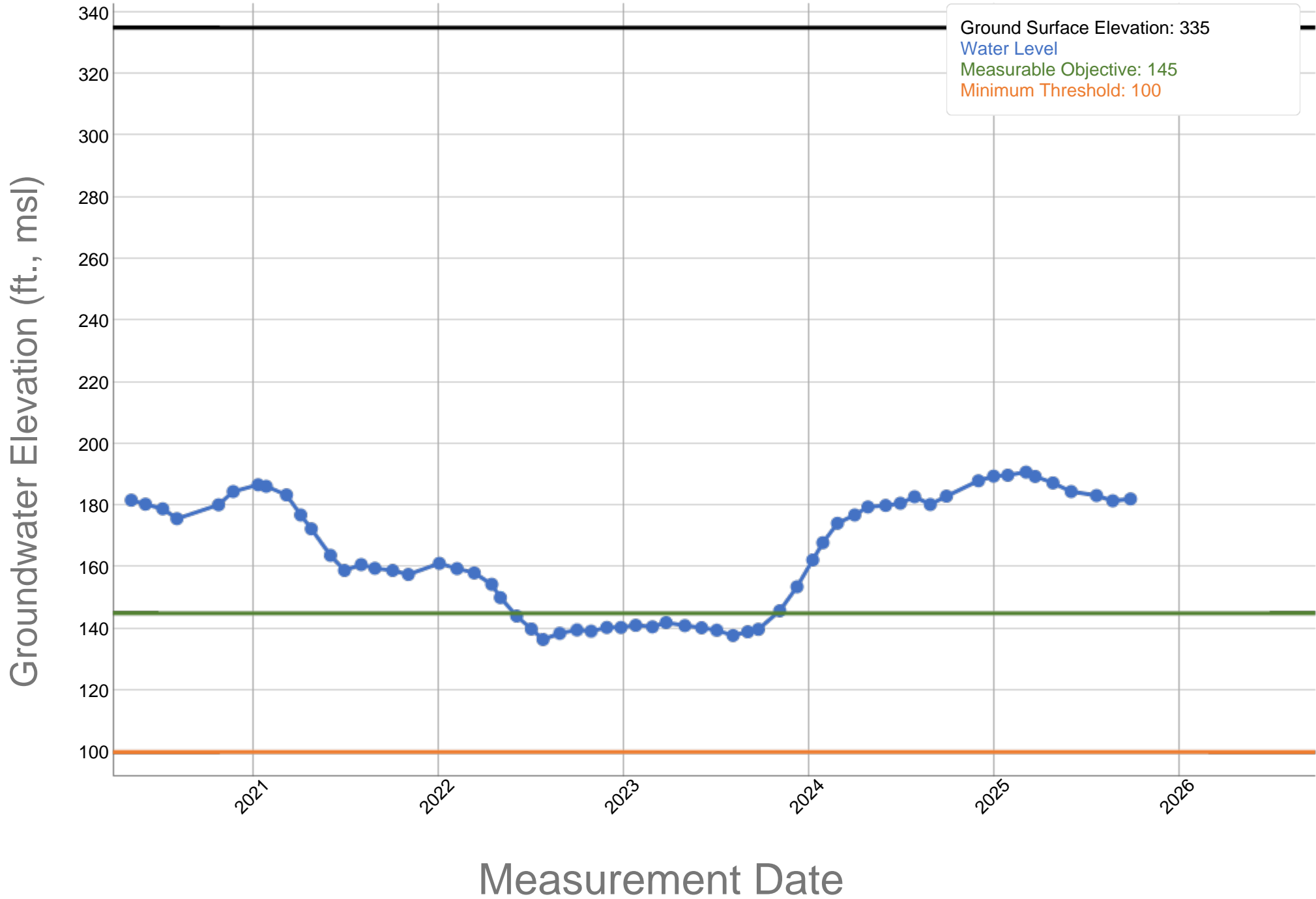
# Rosedale-Rio Bravo Water Storage District GSA Groundwater Level Monitoring Network Bakersfield, CA



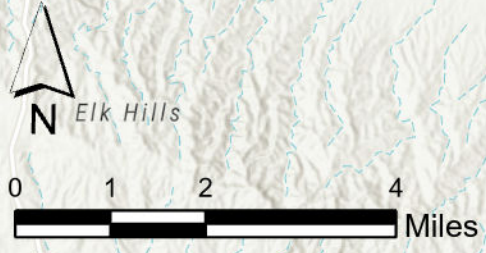
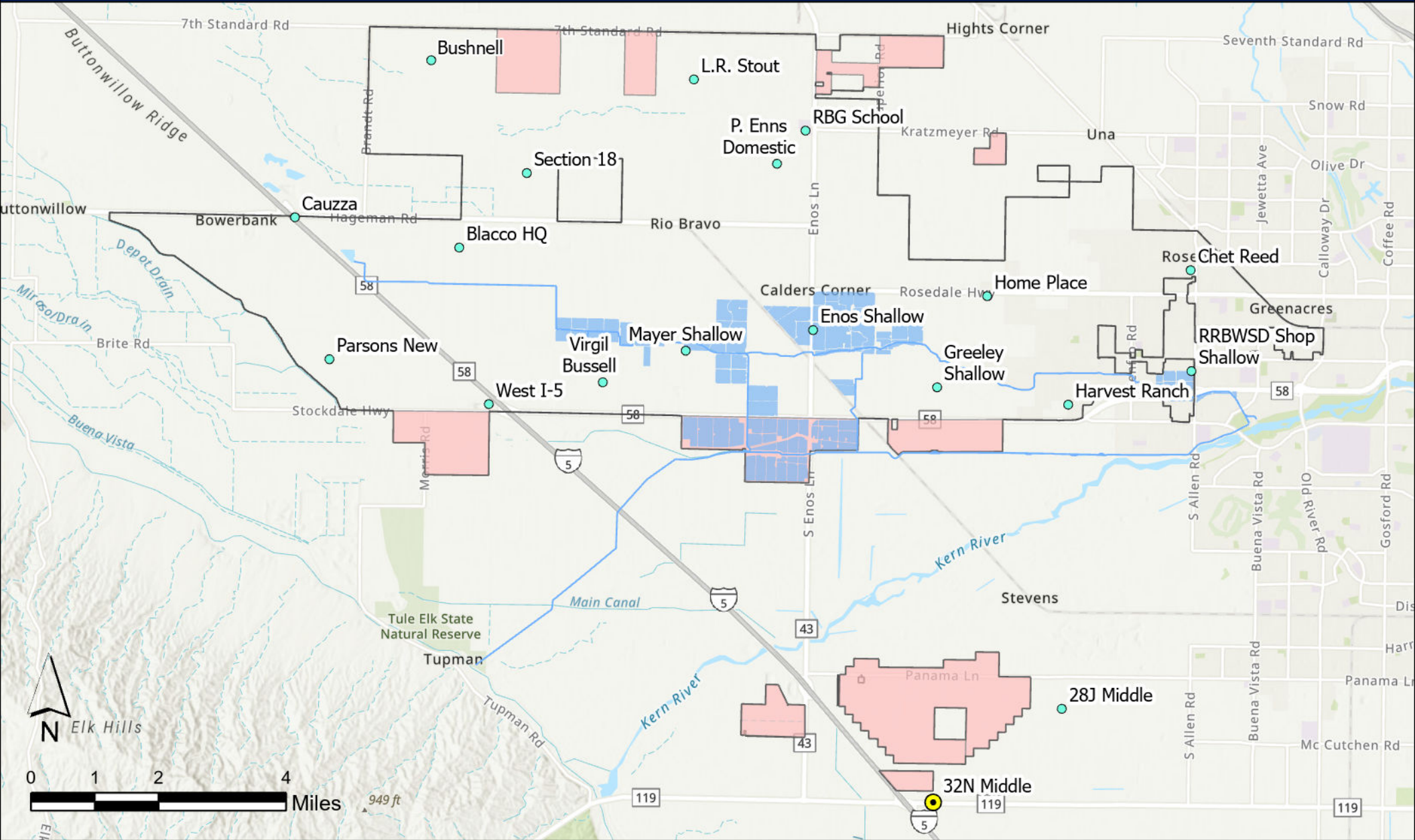
- Water Level Representative Monitoring Wells (RMWs)
- Conveyance Facilities
- Recharge Ponds
- RRBWSD GSA White Lands
- RRBWSD GSA Boundary



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



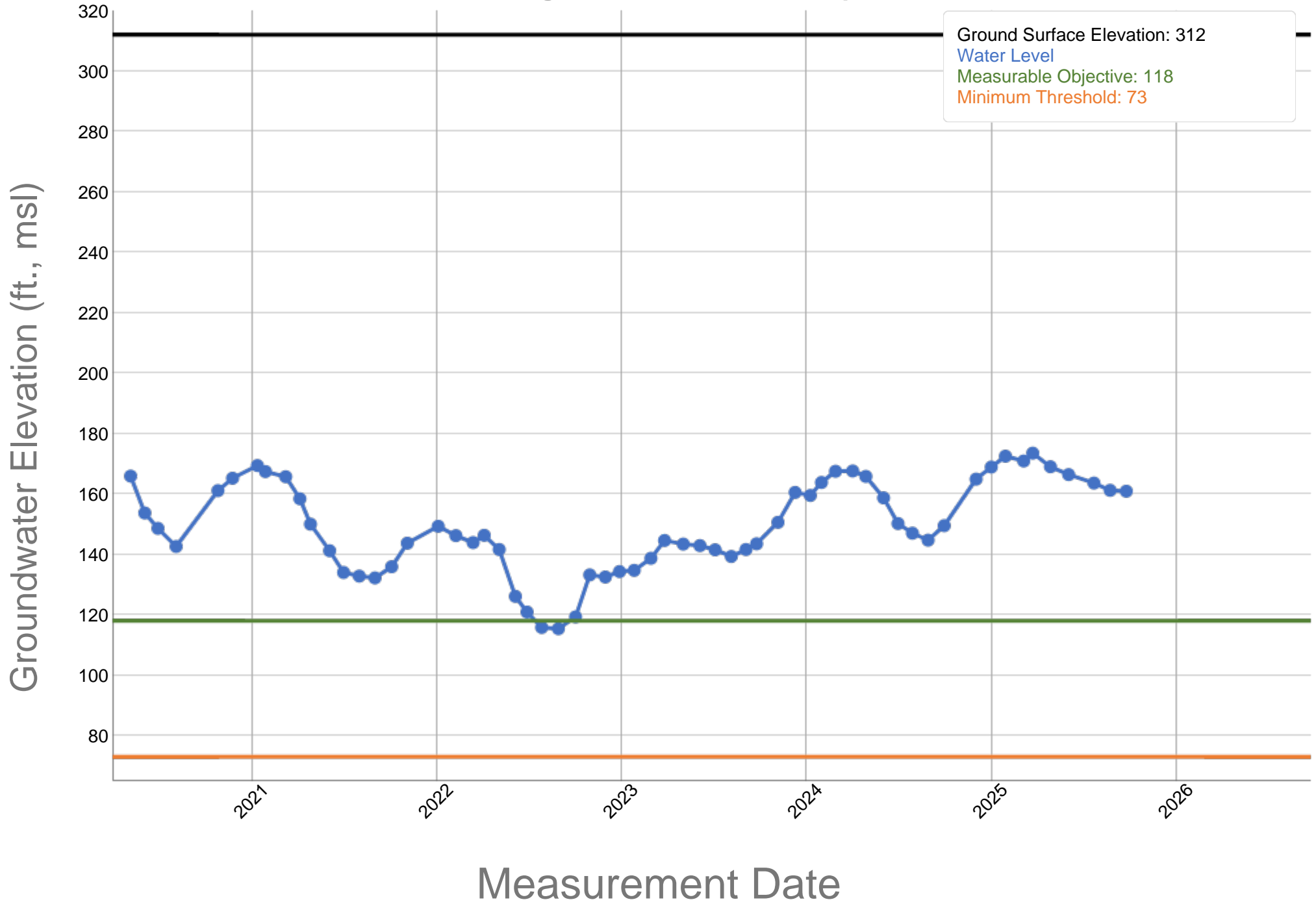
# Rosedale-Rio Bravo Water Storage District GSA Groundwater Level Monitoring Network Bakersfield, CA



- Water Level Representative Monitoring Wells (RMWs)
- Conveyance Facilities
- Recharge Ponds
- RRBWS GSA White Lands
- RRBWS GSA Boundary



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



April 8, 2026

Daniel Wisheropp  
Water Quality Section Manager  
Division of Operations and Maintenance  
California Department of Water Resources  
715 P Street, 5<sup>th</sup> Floor Mailbox 9  
Sacramento, CA 94236-0001

RE: Updated Pump-In Program Project Descriptions –  
Rosedale Integrated Banking Project  
Strand Ranch Integrated Banking Project  
Superior Project Wells

Dear Daniel,

Rosedale-Rio Bravo Water Storage District (Rosedale) delivers local non-project water to the California Aqueduct (Aqueduct) from the Rosedale Integrated Banking Project, Strand Ranch Integrated Banking Project, and Superior Project (Projects). Rosedale has collected and prepared the enclosed information for submittal to the California Department of Water Resources (DWR), as required to keep our Pump-In Programs (PIPs) up to date. The Project descriptions and proposed water quality monitoring plans have not changed since the programs were approved by the Facilitation Group (FG).

The Rosedale Integrated Banking Project first received FG approval in 2013 and included three (3) wells: Enns-01, Enns-02, & Enns-03. An additional four (4) wells received FG approval in 2014 (Farm North, Farm South, Stockdale East, & Stockdale West). In 2016, FG approval was received for five (5) additional wells (WB-1, WB-2, WB-3, Red E, & Farm Mid). Two additional wells (SE-1 and SE-2) were approved in 2020. At this time, five (5) of the previously approved wells will not be used (Farm North, Farm South, Stockdale West, Red E, & Farm Mid). If these wells are needed in the future, updated water quality will be provided.

The Strand Ranch Integrated Banking Program received FG approval in 2013 and included seven (7) wells: SREX-1, SREX-2, SREX-3, SREX-4, SREX-5, SREX-6, and SREX-7. An additional three (3) wells received FG approval in 2018 (SWEX-1, SWEX-2, and SWEX-3).

The Superior Project wells received FG approval in 2019 and included six (6) wells: SUP-1, SUP-2, SUP-4, SUP-5, SUP-6, and M-1.

**Recovery Facilities Locations and State Water Project Inlet Location**

All pumped water could potentially be delivered to the Aqueduct in Pool 28 through the Cross Valley Canal (CVC). The water pumped into the Aqueduct will be conveyed to fulfill obligations to Rosedale's banking and sale partners from projects previously reviewed by the Kern County Water Agency

(Agency). Rosedale’s banking partners include Arvin-Edison Water Storage District, Buena Vista Water Storage District, San Joaquin River Exchange Contractors, Santa Clarita Valley Water Agency, Tulare Lake Basin Water Storage District, Delano-Earlimart Irrigation District, Irvine Ranch Water District, and Kern-Tulare Water District. Rosedale’s sale partner includes Coachella Valley Water District.

**Operations**

In any given month as many as twenty-four (24) wells, between the Projects, could be operational at a combined rate of approximately 145 cubic feet per second (cfs) with a monthly recovery capacity of about 8,600 acre-feet (af). When operations commence, Rosedale will provide daily flow data and necessary water quality information to the Agency for inclusion with their report to DWR and the FG. Scheduled changes in operations will be coordinated with the Agency.

**Pump-In Facilities**

The Project will deliver water to the CVC through various inlets, constructed by Rosedale and operated and metered by the Agency. The CVC turn-in to the Aqueduct is operated and metered by DWR. Attachment A shows the locations of all Project wells that may be pumped as part of the Projects and the locations of the turn-ins to the CVC.

**Water Quality Data and Monitoring**

Rosedale has and will continue to test the wells for constituents in compliance with the required procedures. The well water quality monitoring plan is enclosed (Attachment B) and has remained unchanged since FG approval. Testing for Constituents of Concern (COC) (As, Br, Cl, Conductivity, Cr, Cr6, NO3, SO4, 123-TCP, DOC, TDS, U) will be performed at start up and weekly at the point of input to the CVC and in the CVC prior to entry into the Aqueduct until it is demonstrated that the water is of consistent, predictable, and reliable quality by reporting four consecutive weekly test results that meet COC standards as described in Attachment B. COC testing will then continue quarterly. Testing may also be conducted in the Aqueduct upstream of the delivery point to better document background conditions. Rosedale will provide the analytical results to the Agency for submission to DWR and the FG.

**Environmental**

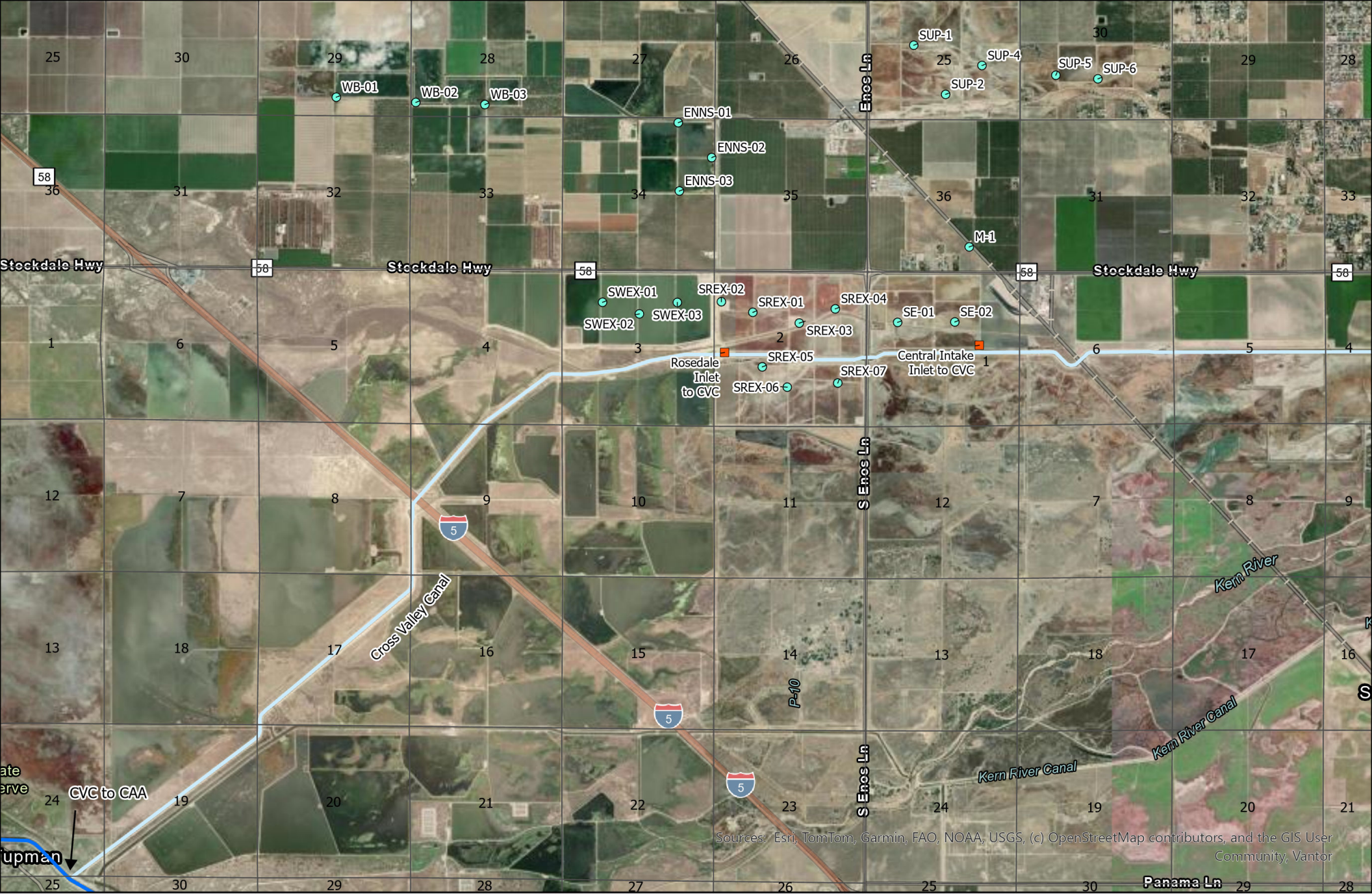
The Project has been covered in numerous environmental documents, including Rosedale’s Master Environmental Impact Report (MEIR) and the Rosedale-Rio Bravo/Buena Vista Project Final Environmental Impact Report (FEIR). The report(s) find that “No Impact” will occur to endangered, threatened, or candidate species as a result of Project operations. In addition, the report(s) show that neither overdraft nor subsidence will occur because of the Project recharge activities and/or recovery operations.

Thank you in advance for attention to this critical water supply program. If you have any questions or concerns, please contact me at your earliest convenience.

**ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT**

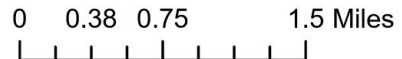
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Zach Smith, Operations



**RR3 ROSEDALE-RIO BRAVO**  
WATER STORAGE DISTRICT

Rosedale-Rio Bravo Water Storage District  
Recovery Well and CVC Turn-In Locations - Attachment A



- Recovery Wells
- CVC Turn In Locations
- Cross Valley Canal
- CA Aqueduct

**Water Quality Monitoring Plan  
For the Projects Operated by Rosedale-Rio Bravo Water  
Storage District**

This Water Quality Monitoring Plan (Plan) presents a schedule for water quality sampling at the Rosedale Integrated Banking Project (RBP), the Strand Ranch Integrated Banking Project (SRBP), and the Superior Project (SP) to meet the requirements of the Department of Water Resources Water Quality Policy and Implementation Process for Acceptance of Non-project Water into the State Water Project (October 2012; **Appendix A**) and the Implementation Procedures for the Review of Water Quality from Non-Project Water Introduced into the State Water Project (March 14, 2001; **Appendix B**). The RBP, SRBP, and SP are all operated by Rosedale-Rio Bravo Water Storage District (Rosedale). This plan is modeled after the monitoring plan currently in use by the Kern Water Bank Authority.

**Project Setting:**

The RBP, SRBP, and SP includes 24 extraction wells located west of Bakersfield. The wells recover water from the Kern Fan aquifer of the Kern County sub-basin of the San Joaquin Valley Groundwater Basin.

The Kern Fan aquifer is made up of sediments deposited by the ancestral Kern River into an alluvial fan or fan delta. The sediments consist of varying amounts of sand, silt, gravel, and clay. Sand count data indicate the upper 300 feet of the aquifer consists of about 70% sand whereas below this depth it consists of about 50% sand. The balance of the sediments consists of silt and lesser amounts of gravel and clay. Unlike some other parts of the groundwater basin, no laterally extensive clay deposits (e.g. the Corcoran Clay) are present under the RBP, SRBP, or SP. This stratigraphy has resulted in a leaky aquifer, as evidenced by hydraulic head data from monitoring wells located throughout the Kern Fan area. Recharge events initially result in shallow depths having a larger head than deeper levels. With time, however, pressure equalization occurs as water migrates down and re-pressurizes the lower parts of the aquifer. This is an example of a leaky aquifer, where there are no distinct, laterally extensive aquitards preventing this re-pressurization.

**Monitoring Plan:**

Rosedale intends to pump water from the RBP, SRBP, and SP into the CVC for potential delivery to the California Aqueduct. The implementation procedures identified in **Appendix B** provide several options for water quality monitoring program sampling. Rosedale proposes that the RBP, SRBP, and SP be operated under Option 1, which includes Title 22 tests of record for all wells and periodic tests for Constituents of Concern upon startup and quarterly for each discharge point. According to Title 22, Chapter 15, Article 2, §64416(3): "Sampling of certain wells on a rotating basis may be included in the plan if the water supplier is able to demonstrate with analytical, hydrological and geological data that those wells are producing similar quality water from the same aquifer." As described above, geologically and hydrologically, the RBP, SRBP, and SP wells recover water from the same aquifer. The analytical data indicate the aquifer contains essentially no organic constituents, so there is no variability in organic constituent concentrations in the aquifer. Rosedale therefore proposes to sample for organic constituents on a modified schedule of 1/3 of all wells every 3 years wherein all wells are sampled every 9 years. The inorganic and radiologic constituents will be sampled every 3 years in all wells. In addition, if the quarterly discharge-point sampling indicates any significant unexpected increases in constituent concentrations, that constituent will be sampled more frequently in either the discharge points or in the wells.

**Well Startup and Operations:**

Testing for Constituents of Concern (As, Br, Cl, Conductivity, Cr, Cr6, NO<sub>3</sub>, SO<sub>4</sub>, DOC, 123-TCP, TDS, U) will be performed at start up and weekly at the point of input to the CVC and in the CVC prior to entry into the Aqueduct until it is demonstrated that the water is of consistent, predictable, and reliable quality by reporting four consecutive weekly test results that meet COC standards as described below. Sampling will then continue quarterly thereafter for the duration of the program. The inflow water must meet the following COC standards for acceptance into the California Aqueduct:

Arsenic (As)	10 ug/L
Chloride (Cl)	250 mg/L
Chromium (Cr)	50 ug/L
Nitrate (NO <sub>3</sub> )	45 mg/L
Sulfate (SO <sub>4</sub> )	250 mg/L
Conductivity	900 mS/cm
1,2,3-TCP	0.005 ug/L
TDS	500 mg/L
Uranium (U)	20 pCi/L

Testing may also be conducted in the Aqueduct upstream of the delivery point to better document background conditions.

Eight of the wells in the RBP (Enns-1, Enns-2, Enns-3, WB-1, WB-2, WB-3, SE-1, and SE-2) have been constructed with variable frequency drives (VFDs). The VFDs allow for adjustments in flow rates from each of the wells. If necessary, flow rates can be decreased in wells showing any increases in constituent concentrations.

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

FROM: Zach Smith

DATE: April 14, 2026

RE: Maintenance Report

**Discussion:**

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

- Applied round-up in multiple locations throughout District.
- Backhoe used to repair slope/bank erosion in multiple locations.
- Backhoe and bobcat used to clear sand from channel upstream of East Superior weir.
- Skid steer w/mower deck used on pond edges and fencelines in multiple locations.
- Rental tractor with flail used to mow ponds in Superior Basin areas.
- Electrical panels and concrete pads cleaned on all recovery wells.
- Tractor with rotary mower used to clean Strand and Stockdale West Basins.
- Removal of sand from Wes Selvidge Basin area is nearly complete.

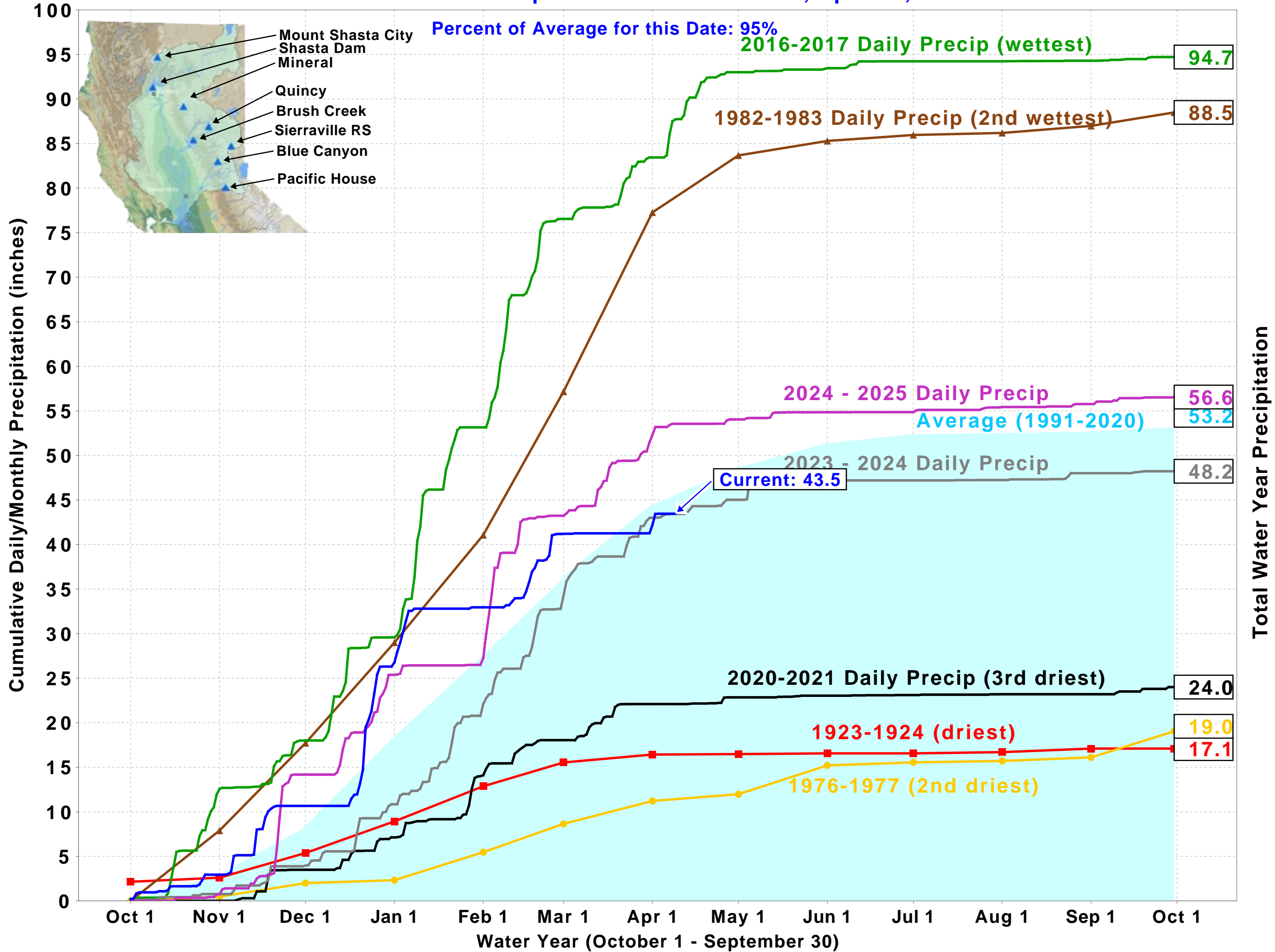


Looking west at Goose Lake Channel and Mayer Basin

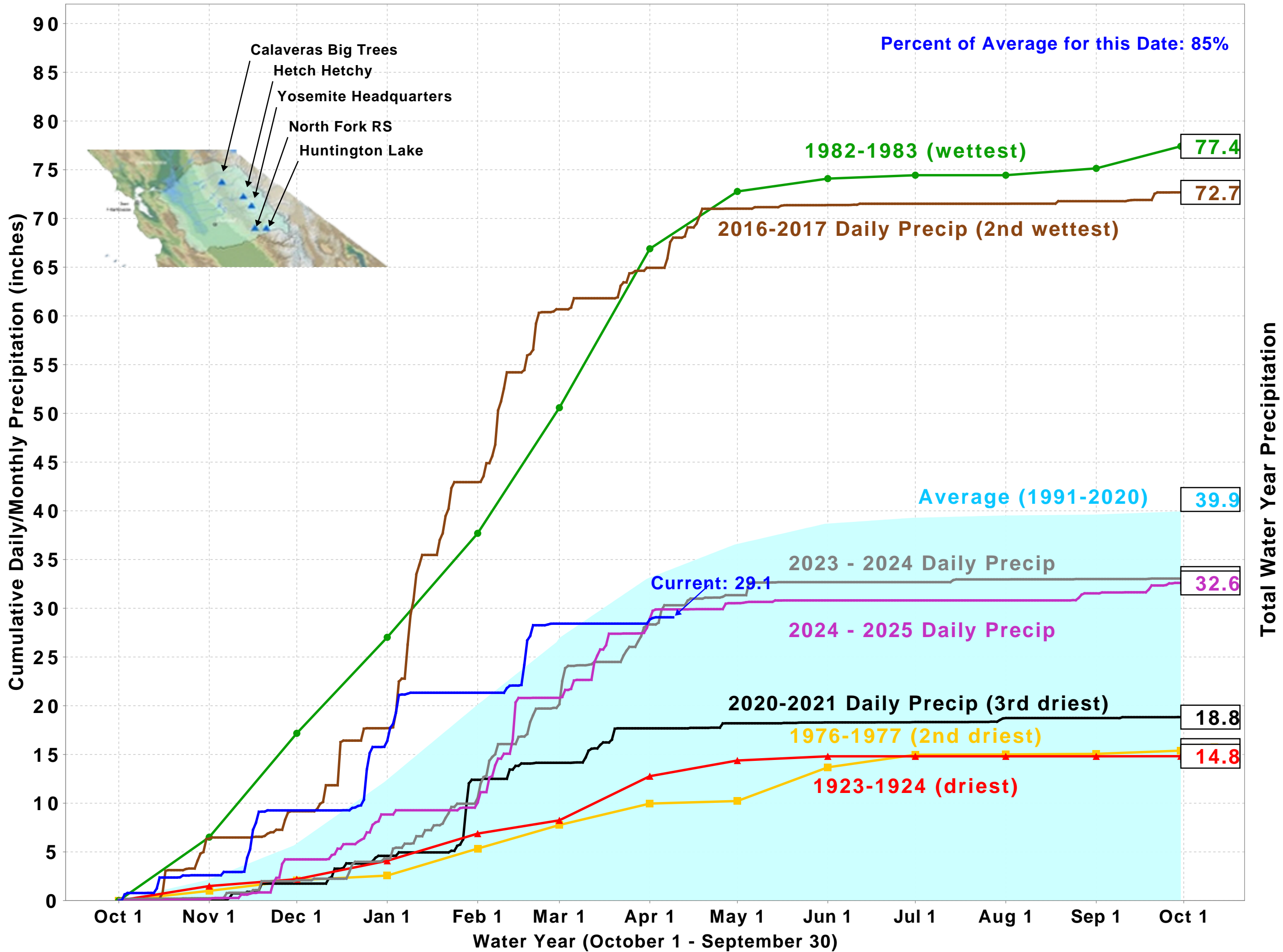


Before/After mowing in Goose Lake Channel north of Brimhall

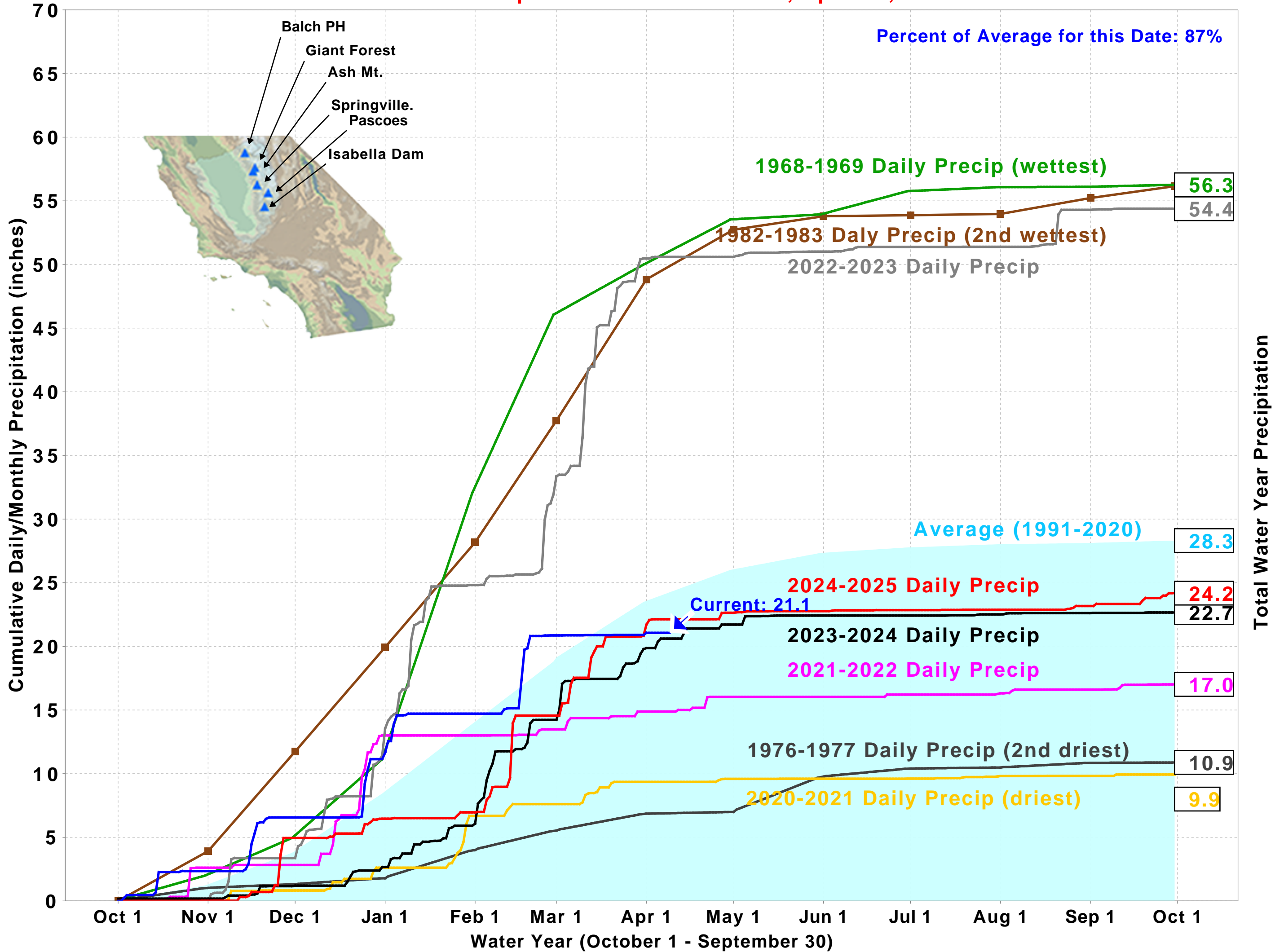
# Northern Sierra Precipitation: 8-Station Index, April 09, 2026



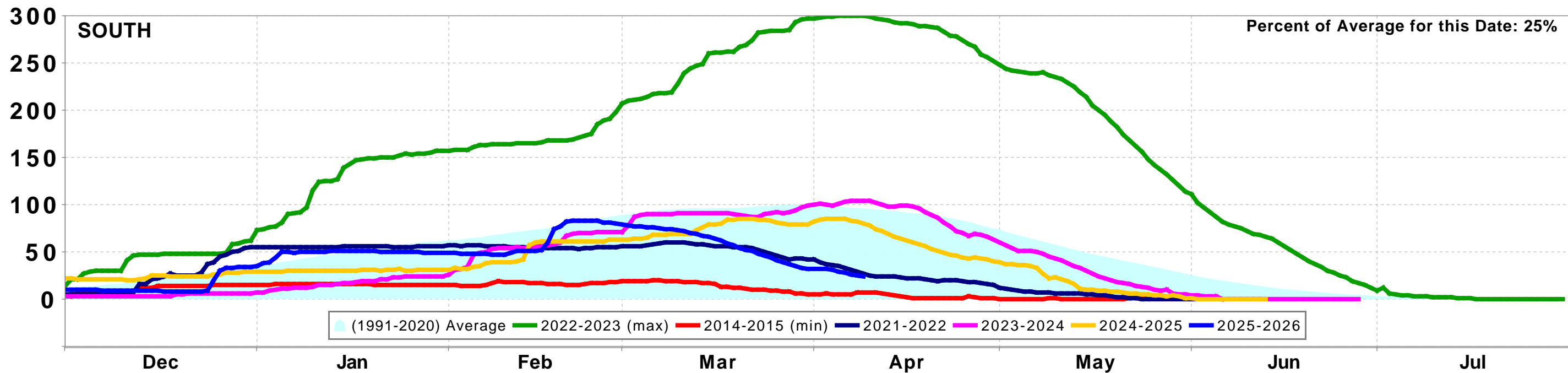
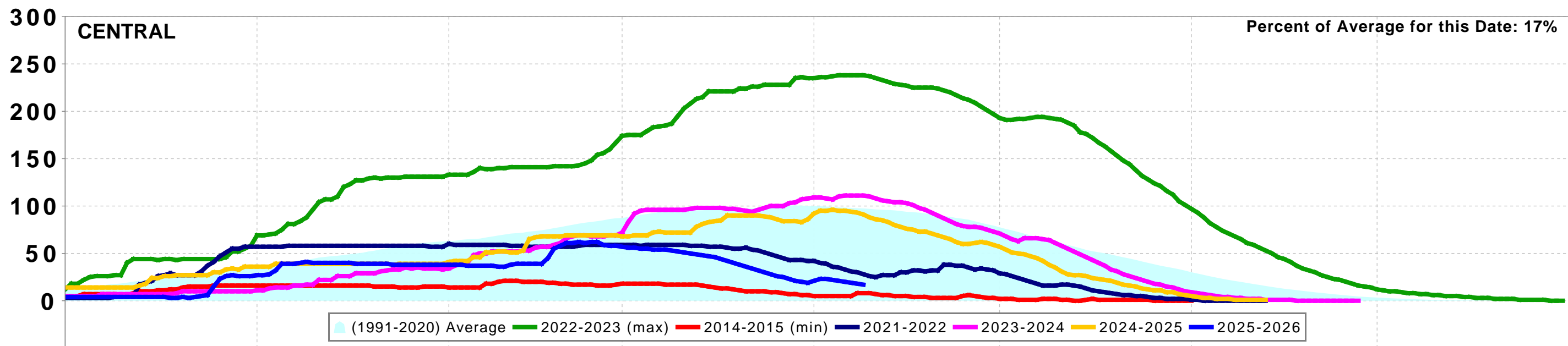
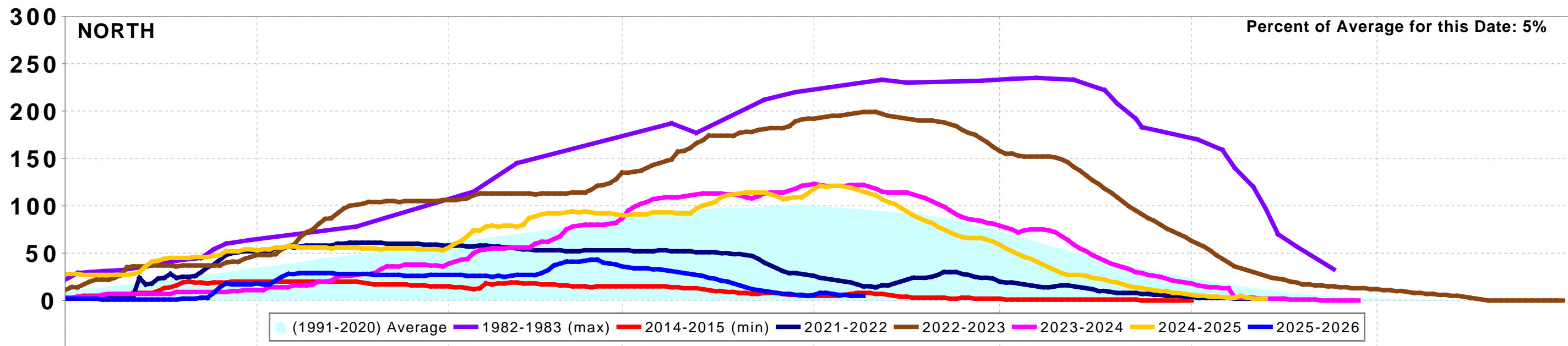
# San Joaquin Precipitation: 5-Station Index, April 09, 2026



# Tulare Basin Precipitation: 6-Station Index, April 09, 2026



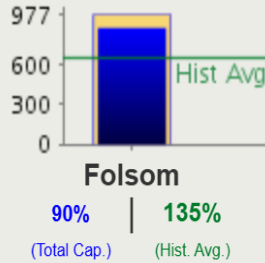
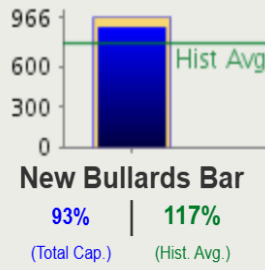
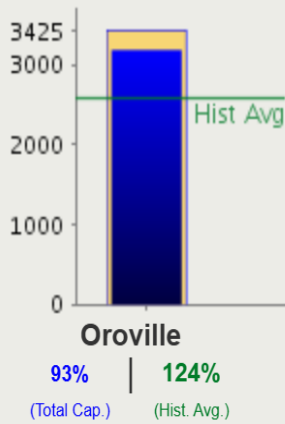
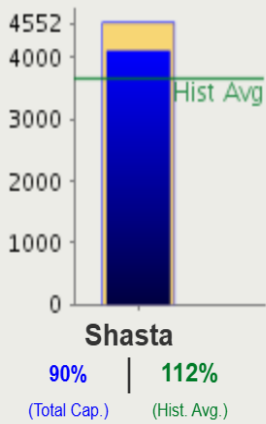
# California Snow Water Content, April 9, 2026, Percent of April 1 Average



**CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:09-APR-2026**

Data as of Midnight: 09-Apr-2026

Change Date:  09-Apr-2026



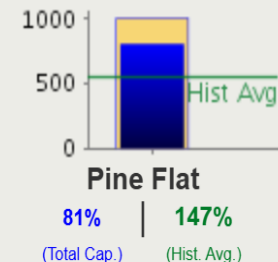
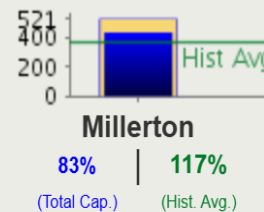
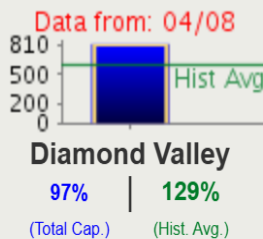
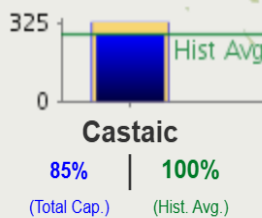
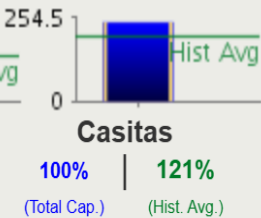
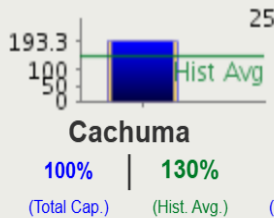
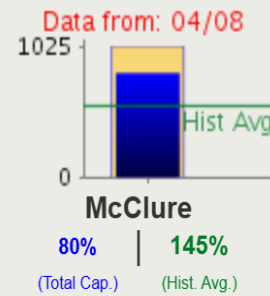
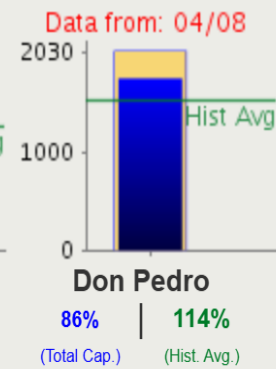
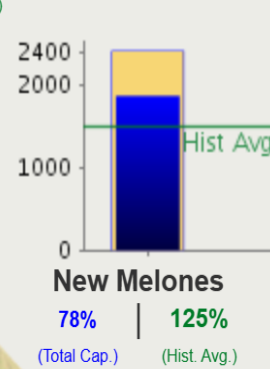
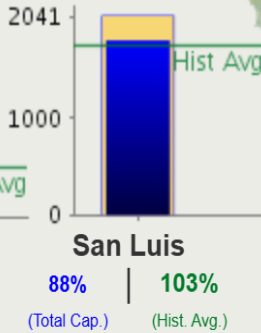
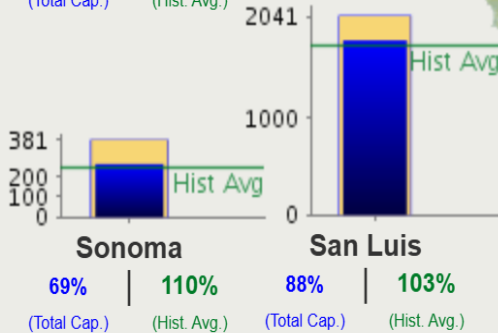
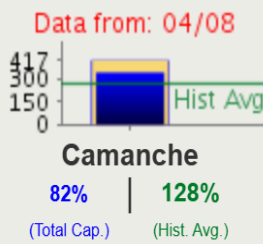
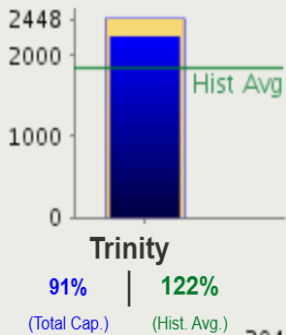
**LEGEND**

- Blue Bar:** Storage level for date
- Gold Bar:** Total reservoir capacity
- Green Line:** Historic level for date.

Capacity (TAF) Historical Avg Mark

**% of Capacity | % Hist. Avg.**

(Click res. 3 char. code for details)



[Click to download printable version of current data.](#)

Report Generated: 10-Apr-2026 8:20 AM

The CSI link has been disabled to zoom in, for the lack of historical data.

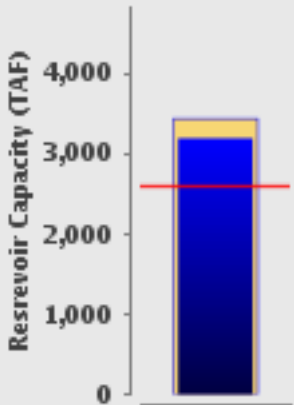


# CURRENT RESERVOIR CONDITIONS



## Lake Oroville Conditions

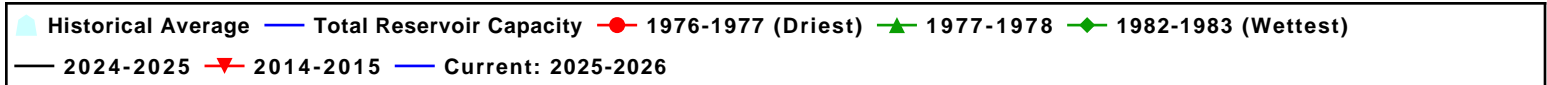
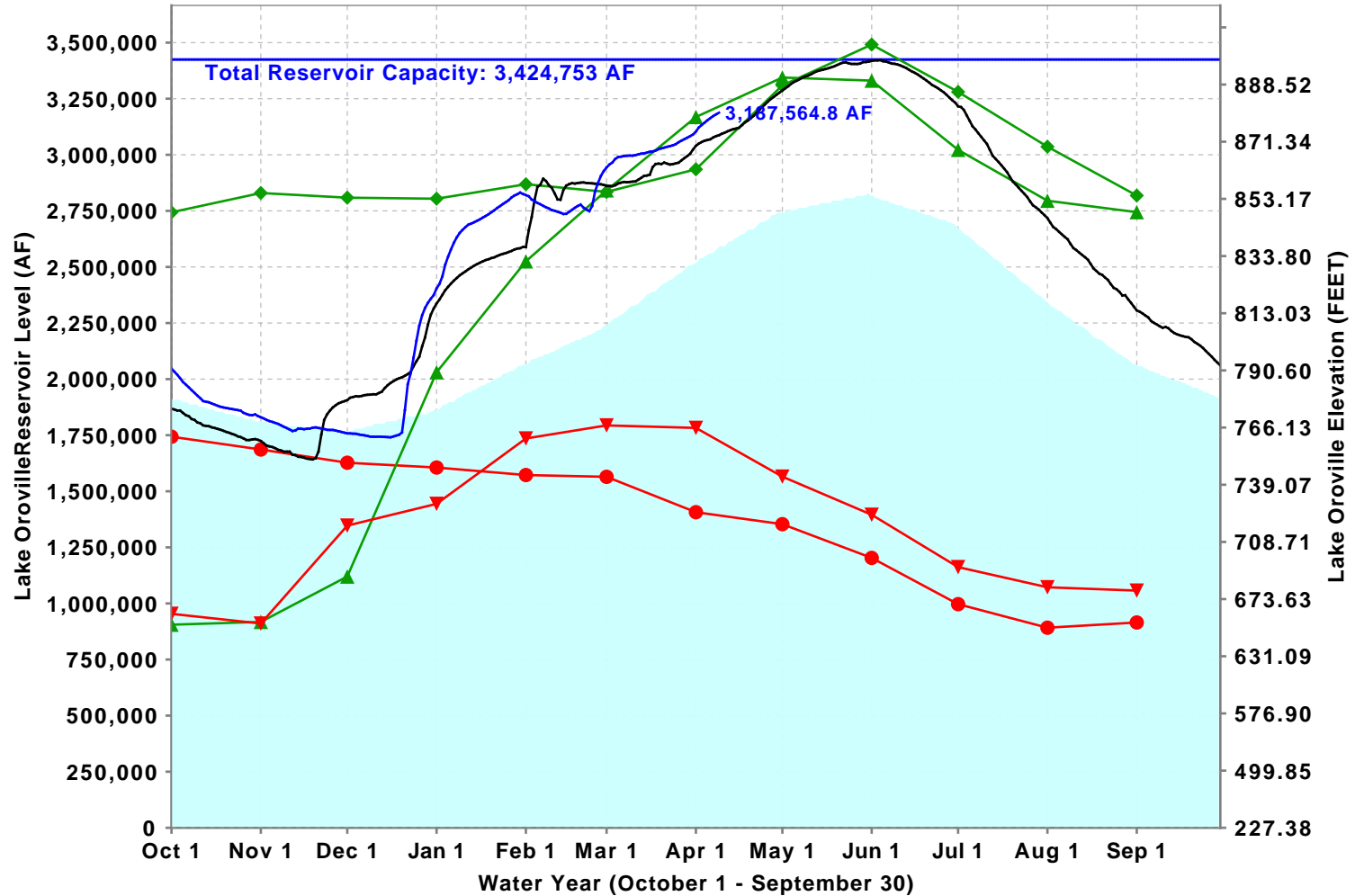
(as of Midnight - April 9, 2026)



Current Level: 3,187,564.8 AF

**93%** (Total Capacity) | **124%** (Historical Avg.)

Lake Oroville Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 9, 2026



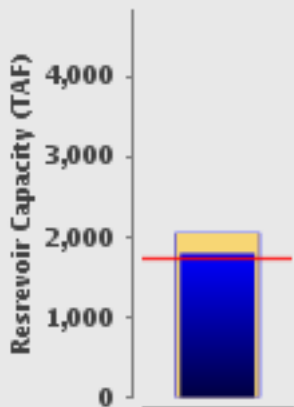


# CURRENT RESERVOIR CONDITIONS



## San Luis Reservoir Conditions

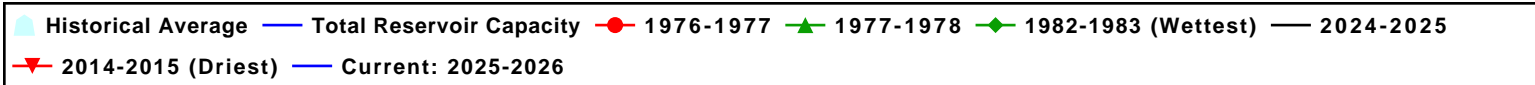
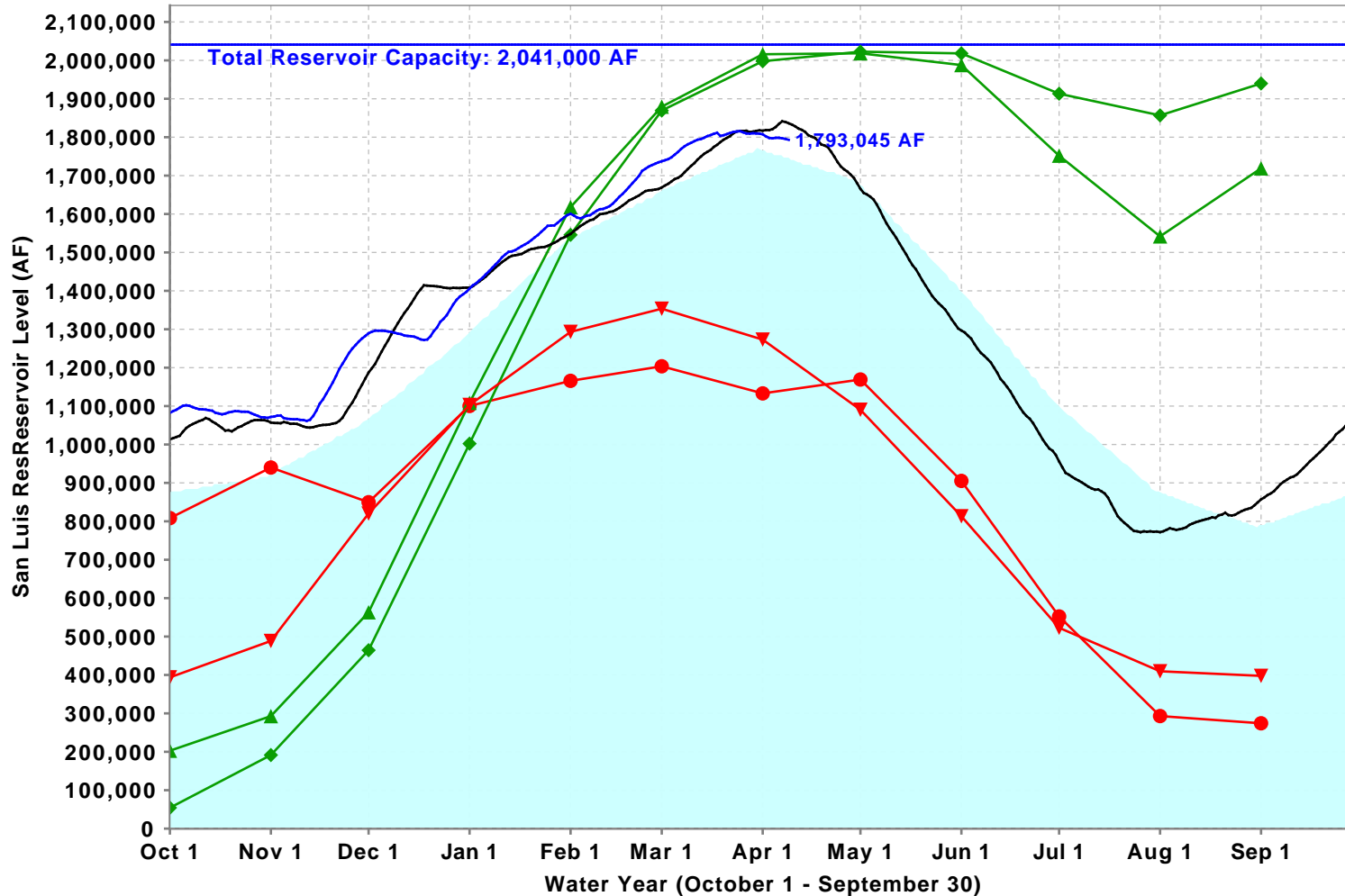
(as of Midnight - April 9, 2026)

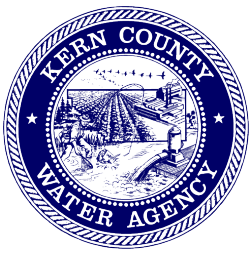


Current Level: 1,793,045 AF

88% (Total Capacity) | 103% (Historical Avg.)

San Luis Res Levels: Various Past Water Years and Current Water Year, Ending At Midnight April 9, 2026





# KERN COUNTY WATER AGENCY

Stuart T. Pyle Water Resources Center

3200 Rio Mirada Drive

Bakersfield, California

## Notice of SPECIAL BOARD OF DIRECTORS MEETING

March 26, 2026

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

Access Code: 863-465-805#

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

### AGENDA

- I. Call to Order – 11:00 a.m.
- II. Directors' Forum
- III. Public Comment  
Anyone may comment on any subject within Agency jurisdiction whether or not it is on the agenda. Time for such comment may be limited.
- IV. Review of the Kern County Water Agency General Fund and State Contract Payment Fund Budgets and Cash Flow Projections
- V. Report of the General Counsel
  - A. Authorization for Closed Session regarding:
    1. Conference with Legal Counsel – Existing Litigation (Government Code section 54956.9, subdivision (a)):
      - a. Applications Filed for Kern River Water
      - b. California Department of Water Resources v. All Persons Interested in the Matter of the Contract Extension Amendments
      - c. North Coast Rivers Alliance, et al. v. California Department of Water Resources (COA CEQA)
      - d. California Department of Water Resources v. All Persons Interested in the Matter of the Authorization of Delta Program Revenue Bonds
      - e. Rosedale-Rio Bravo Water Storage District, *et al.* v. Kern County Water Agency, *et al.* (CVC Issues)
      - f. Kern Delta Water District, *et al.* v. Rosedale-Rio Bravo Water Storage District (Onyx CEQA)

- g. Rosedale-Rio Bravo Water Storage District v. Buena Vista Water Storage District, *et al.* (Onyx Water Rights)
- h. California Sportfishing Protection Alliance, *et al.* v. California State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003761 (2021 Order Re Temporary Urgency Change Petition)
- i. California Sportfishing Protection Alliance, *et al.* v. State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003763 (2021 Order Re Shasta Temporary Management Plan)
- j. California Water Impact Network v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003492; North Coast Rivers Alliance v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003491 (Water Management Tools)
- k. Pacific Coast Federation of Fishermen's Associations, *et al.* v. Ross,., E.D. Cal., Case No. 1:20-cv-00431 & California Natural Resources Agency, *et al.* v. Ross, *et al.*, E.D. Cal., Case No. 1:20-cv-00426 (Long-term Operations)
- l. State Water Board Cases, Sacramento County Superior Court Case No. JCCP 5013 (Water Quality Control Plan Phase 1 Litigation)
- m. Oroville Dam Cases, Sacramento County Superior Court Case No. JCCP 4974
- n. Temporary Applications Filed for Kern River Water
- o. Bring Back the Kern, *et al.* v. City of Bakersfield, *et al.*, Kern County Superior Court Case No. BCV-22-103220
- p. Delta Conveyance Project Litigation, Court Case No. 24WM000017
- q. California Sportsfishing Alliance, et al. v. California Department of Water Resources and California Department of Fish and Wildlife, et al., Sacramento County Superior Court Case No. 24WM000181; Tehama-Colusa Canal Authority, et al. v. California Department of Water Resources and California Department of Fish and Wildlife, et al., Sacramento County Superior Court Case No. 24WM000183; San Francisco Baykeeper, et al. v. California Department of Water Resources, Sacramento County Superior Court Case No. 24WM000185; and Central Delta Water Agency and South Delta Water Agency v. California Department of Water Resources, Sacramento County Superior Court Case No. 24WM000186 (2024 Incidental Take Permit Litigation)
- r. Mass X, Inc. v. Kern County Water Agency, et al., Kern County Superior Court Case No. BCV-24-104394

- s. Department of Water Resources v. All Persons Interested in the Matter of Delta Conveyance Project Program Revenue Bonds etc. (2025 DWR Validation Action), Sacramento County Superior Court Case No. 25 CV000704
- 2. Conference with Legal Counsel – Anticipated Litigation: Significant exposure to litigation: (Government Code section 54956.9, subdivision (d)(2)):
  - a. Two potential suits
- 3. Conference with Real Property Negotiator (Government Code section 54956.8):
  - a. Negotiator: Assistant General Manager  
Property: State Water Project Water  
Parties: California Department of Water Resources and State Water Project Contractors  
Under Negotiation: Price & Terms

## VI. Adjournment

DECLARATION OF POSTING: I declare under penalty of perjury, that I am employed by the Kern County Water Agency and that I posted the foregoing Agenda at the Agency Office on March 20, 2026.

  
\_\_\_\_\_  
Stephanie N. Prince, Board Secretary

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



# KERN COUNTY WATER AGENCY

Stuart T. Pyle Water Resources Center

3200 Rio Mirada Drive

Bakersfield, California 93308

## Notice of BOARD OF DIRECTORS MEETING

March 26, 2026

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

Access Code: 863-465-805#

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

## AGENDA

- I. Call to order – 12:00 p.m.
- II. Report of the General Counsel
  - A. Authorization for Closed Session regarding:
    1. Conference with Legal Counsel – Existing Litigation (Government Code section 54956.9, subdivision (a)):
      - a. Applications Filed for Kern River Water
      - b. California Department of Water Resources v. All Persons Interested in the Matter of the Contract Extension Amendments
      - c. North Coast Rivers Alliance, et al. v. California Department of Water Resources (COA CEQA)
      - d. California Department of Water Resources v. All Persons Interested in the Matter of the Authorization of Delta Program Revenue Bonds
      - e. Rosedale-Rio Bravo Water Storage District, *et al.* v. Kern County Water Agency, *et al.* (CVC Issues)
      - f. Kern Delta Water District, *et al.* v. Rosedale-Rio Bravo Water Storage District (Onyx CEQA)
      - g. Rosedale-Rio Bravo Water Storage District v. Buena Vista Water Storage District, *et al.* (Onyx Water Rights)

- h. California Sportfishing Protection Alliance, *et al.* v. California State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003761 (2021 Order Re Temporary Urgency Change Petition)
- i. California Sportfishing Protection Alliance, *et al.* v. State Water Resources Control Board, *et al.*, Sacramento County Superior Court, Case No. 34-2021-80003763 (2021 Order Re Shasta Temporary Management Plan)
- j. California Water Impact Network v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003492; North Coast Rivers Alliance v. Department of Water Resources, Sacramento County Superior Court Case No. 34-2020-80003491 (Water Management Tools)
- k. Pacific Coast Federation of Fishermen’s Associations, *et al.* v. Ross,, E.D. Cal., Case No. 1:20-cv-00431 & California Natural Resources Agency, *et al.* v. Ross, *et al.*, E.D. Cal., Case No. 1:20-cv-00426 (Long-term Operations)
- l. State Water Board Cases, Sacramento County Superior Court Case No. JCCP 5013 (Water Quality Control Plan Phase 1 Litigation)
- m. Oroville Dam Cases, Sacramento County Superior Court Case No. JCCP 4974
- n. Temporary Applications Filed for Kern River Water
- o. Bring Back the Kern, *et al.* v. City of Bakersfield, *et al.*, Kern County Superior Court Case No. BCV-22-103220
- p. Delta Conveyance Project Litigation, Court Case No. 24WM000017
- q. California Sportsfishing Alliance, *et al.* v. California Department of Water Resources and California Department of Fish and Wildlife, *et al.*, Sacramento County Superior Court Case No. 24WM000181; Tehama-Colusa Canal Authority, *et al.* v. California Department of Water Resources and California Department of Fish and Wildlife, *et al.*, Sacramento County Superior Court Case No. 24WM000183; San Francisco Baykeeper, *et al.* v. California Department of Water Resources, Sacramento County Superior Court Case No. 24WM000185; and Central Delta Water Agency and South Delta Water Agency v. California Department of Water Resources, Sacramento County Superior Court Case No. 24WM000186 (2024 Incidental Take Permit Litigation)
- r. Mass X, Inc. v. Kern County Water Agency, *et al.*, Kern County Superior Court Case No. BCV-24-104394

- s. Department of Water Resources v. All Persons Interested in the Matter of Delta Conveyance Project Program Revenue Bonds etc. (2025 DWR Validation Action), Sacramento County Superior Court Case No. 25 CV000704
  - 2. Conference with Legal Counsel – Anticipated Litigation: Significant exposure to litigation: (Government Code section 54956.9, subdivision (d)(2)):
    - a. Two potential suits
  - 3. Conference with Real Property Negotiator (Government Code section 54956.8):
    - a. Negotiator: Assistant General Manager  
Property: State Water Project Water  
Parties: California Department of Water Resources and State Water Project Contractors  
Under Negotiation: Price & Terms
- III. Closed Session Report
- IV. Directors’ Forum
  - A. Report from the State Water Contractors General Manager
- V. Public Comment  
Anyone may comment on any subject within Agency jurisdiction whether or not it is on the agenda. Time for such comment may be limited.
- VI. Consent Agenda Items  
The following items are routine and will be approved collectively without discussion, unless a Board member or staff member (who has raised that issue with the Board President prior to the start of the meeting) requests that an item be removed for separate consideration:

**A. CONSENT AGENDA**

- 1. Minutes of Board Meetings and Committee Meetings
 

Special Board Meeting	February 26, 2026
Regular Board Meeting	February 26, 2026
- 2. Payment of the Bills
- 3. Authorization to Execute Amendment No. 1 to the Kern County Water Agency Agreement for Construction Management Services for the North Pioneer East Basin Turnout Structures Project
- 4. Authorization to Execute Amendment No. 2 to the Kern County Water Agency Agreement for Engineering Services for the North Pioneer East Basin Turnout Structures Project

5. Authorization to Execute Amendment No. 1 to the Kern County Water Agency Agreement for Material Testing Services for the North Pioneer West Basin Weir Plan Project
6. Authorization to Execute an Agreement for Transfer of the Metropolitan Water District of Southern California's Banked State Water Project Table A Water to Kern County Water Agency on behalf of Semitropic Water Storage District, SWP #26005

VII. Board Committee Reports

The following items will be discussed in detail at the meeting and may result in appropriate action being taken relating to the subject matter (such action may or may not conform to any staff recommended action):

**A. ADMINISTRATIVE OPERATIONS COMMITTEE – Director Johnson, Chair**

1. Report of the Administrative Operations Manager
2. Financial Report

**B. STATE WATER PROJECT POLICY COMMITTEE – Director Cattani, Chair**

1. Update on Delta Conveyance Activities
2. Update on Legislative Activities
3. State Water Project Policy Activities
  - a. Report on the State Water Contractors Board Meeting
  - b. Report on the State Water Contractor Meetings
  - c. Report on 2026 State Water Project and Central Valley Project Allocations and Operations

**C. WATER RESOURCES COMMITTEE – Director Fast, Chair**

1. Report of the Water Resources Manager
2. Update on Golden Mussels
  - a. Update on the Kern County Water Agency's Response to Local Golden Mussel Detections
3. Local State Water Project
  - a. Report on Kern County Water Agency California Aqueduct Deliveries
  - b. Update on Water Transfers, Exchanges and Purchases

4. Groundwater Banking
  - a. Authorization to Amend the 2026 Pioneer Project Budget
  - b. Authorization to Execute the Agreement Between the Kern County Water Agency and the Kern Water Bank Authority for Construction of the Nord Turnout
  - c. Report on 2026 Water Operations
5. Sustainable Groundwater Management
  - a. Update on the Pioneer Groundwater Sustainability Agency
  - b. Report on the Kern Non-Districted Lands Authority Meeting

**D. CROSS VALLEY CANAL COMMITTEE – Director Lundquist, Chair**

1. Report on the Cross Valley Canal Advisory Committee
2. Report on Cross Valley Canal Operations and Deliveries
3. Review of the Emergency Action Regarding the Cross Valley Canal River Turnout No. 3 Secondary Turnout
4. Review of the Emergency Action Regarding Golden Mussels in the Cross Valley Canal

**E. IMPROVEMENT DISTRICT NO. 4 COMMITTEE – Director Wulff, Chair**

1. Report on Urban Bakersfield Advisory Committee
2. Report on the Kern River Groundwater Sustainability Agency Meeting
3. Report on Kern Water Bank Activities
4. Update on the Improvement District No. 4 Water Education Program
5. Authorization to Set Groundwater Charges Within Improvement District No. 4 for Fiscal Year 2026-27
6. Report on the Improvement District No. 4 2026 Water Supply and Management Plan
7. Report on the Henry C. Garnett Water Purification Plant
  - a. Authorization to Request Bids for Chemicals Used in the Water Treatment Process

**F. ENGINEERING AND GROUNDWATER SERVICES COMMITTEE –  
Director Kroeker, Chair**

1. Update on Construction/Maintenance Projects
2. Authorization to Execute the Notice of Award for the Improvement District No. 4 Sodium Hypochlorite Tanks C and F Improvements Project – Contract No. KCWA 2026-01
3. Pioneer Project Nord Siphon Replacement Turnout Project
  - a. Authorization to Execute the Notice of Award for the Pioneer Project Nord Siphon Replacement Turnout Project – Contract No. KCWA 2025-02
  - b. Authorization to Retain a Construction Management Services Consultant for the Pioneer Project Nord Siphon Replacement Turnout Project
  - c. Authorization to Retain a Material Testing Services Consultant for the Pioneer Project Nord Siphon Replacement Turnout Project

VIII. Correspondence

IX. Brief Report on Potential New Business

X. Adjournment

DECLARATION OF POSTING: I declare under penalty of perjury, that I am employed by the Kern County Water Agency and that I posted the foregoing Agenda at the Agency Office on March 20, 2026.

  
Stephanie N. Prince, Board Secretary

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

CONTRACT FOR A PORTION OF KERN COUNTY WATER AGENCY  
KERN RIVER LOWER RIVER RIGHTS AND OBLIGATIONS

This contract (“Agreement”) is made this \_\_\_ day of \_\_\_\_\_ 2026, by and between the Kern County Water Agency (“Agency”), a political subdivision of the State of California, and the Member Units of the Agency, more specifically Belridge Water Storage District, Berrenda Mesa Water District, Buena Vista Water Storage District, Cawelo Water District, Henry Miller Water District, Kern Delta Water District, Lost Hills Water District, Rosedale-Rio Bravo Water Storage District, Semitropic Water Storage District, Tehachapi-Cummings County Water District, Tejon-Castac Water District, West Kern Water District, Wheeler Ridge Maricopa Water Storage District, collectively referred to as “Member Units” and each a “Member Unit.”

WHEREAS, in November 1963, the Agency entered into a water supply contract with the State of California Department of Water Resources (the “Department” and the “Master Contract”) for annual deliveries of water to the Agency; and

WHEREAS, the Agency and each Member Unit subsequently entered into a water supply contract, (“Member Unit’s Contract”) wherein the Agency agreed to deliver portions of the annual water supply it receives from Department under the Master Contract, and in return each Member Unit agreed to annually pay the Agency a percentage of the Agency’s obligation to pay the Department for that water; and

WHEREAS, in 2000, the Agency’s Kern River Restoration Project (“Project”) received funding from the Interim Reliable Water Supply and Water Quality Infrastructure and Management Program of the Safe Drinking Water, Clean Water, Watershed Protection and Flood Protection Bond Act (Proposition 13, Chapter 9, Article 4); and

WHEREAS, in September 2000, pursuant to the California Environmental Quality Act, the Agency Board of Directors adopted a Negative Declaration for the Project; and

WHEREAS, the Agency used Project funds to develop local water supplies, water quality, conveyance and banking programs within Kern County; and

WHEREAS, in September 2000, the Agency purchased the undivided interest in the Kern River Lower River (“Lower River”) water rights, and other water rights and inventories, previously owned by Garces Water Company; and

WHEREAS, in January 2001, the Agency purchased the remaining undivided interest in the Lower River water rights and other interests from Olcese Water District and Nickel Family, LLC (“Nickel”), the consideration for which included the Agency’s annual obligation to make available 10,000 acre-feet of water to Nickel (the “Nickel Obligation”); and

WHEREAS, the Lower River water rights have historically yielded on average 50,000 acre-feet per year; and

WHEREAS, pursuant to discussions that occurred when the Agency acquired the Lower River water rights, the Agency’s Improvement District No. 4 (“ID4”) receives a portion of the Lower River water and the associated obligations, including one half of the Nickel Obligation; and

WHEREAS, on June 25, 2015, the Agency Board of Directors has offered a long-term plan for a portion of the Agency’s Lower River rights and obligations to satisfy one half of the Nickel Obligation and to provide the Member Units with Lower River water which is attached as Exhibit A (“Long-term Plan”); and

WHEREAS, the Agency Board of Directors’ allocation of Lower River benefits and obligations is attached as Exhibit B; and

WHEREAS, the Agency intends to utilize any net revenue generated pursuant to this Agreement for its water management purposes, including, but not limited to, for supplemental water supplies and/or water management programs and projects and for any unreimbursed

expenses incurred in connection with such water management functions, in its sole discretion at the direction of the Agency Board of Directors; and

WHEREAS, the Lower River right is a high flow water right on the Kern River and the Agency intends to administer the Long-term Plan in the same manner as other high flow water supplies such as Article 21 water and Central Valley Project 215 water.

NOW, THEREFORE, it is hereby mutually agreed by the parties hereto as follows:

ARTICLE 1. TERM. The term of this Agreement shall be for ten years terminating on December 31, 2035 and may be renewed for subsequent ten year terms subject to mutually agreeable terms and conditions. However, if the Lower River water right is impacted by regulation, action and/or order of the California State Water Resources Control Board or other federal, state or local government agency, by order or judgement of a court and/or by settlement agreement or stipulation to which the Agency is a party, this Agreement may be terminated by the Agency at its sole discretion.

ARTICLE 2. MEMBER UNIT YIELD 40,001 TO 125,000 ACRE-FEET. The Member Units shall receive Lower River yield between 40,001 and 125,000 acre-feet. The amount received shall be determined by the Agency after meeting the Agency's current year Nickel Obligation and targeted storage amounts needed to meet future year Nickel Obligations and shall be allocated among the Member Units according to Table A amounts. In years when yield is received, the Agency shall notify each Member Unit of its allocation and request that Member Unit's schedule for water deliveries. If a Member Unit does not schedule its full allocation of yield in any given year, the Agency shall reallocate that Member Unit's share to the remaining Member Units according to Table A amounts. ID4 shall have access to the Member Units' yield if it is not fully subscribed by the Member Units. Member Units shall respond to the Agency by the time requested in the Agency's notice of allocation or request for water delivery schedules.

If a Member Unit does not respond to the Agency by the time requested, that Member Unit's allocation may be reallocated to the remaining Member Units or ID4.

ARTICLE 3. MEMBER UNIT YIELD ABOVE 125,001 ACRE-FEET. The Member Units and ID4, shall receive Lower River yield above 125,001 acre-feet which shall be allocated among the Member Units and ID4 according to Table A amounts. In years when yield is received, the Agency shall notify each Member Unit of its allocation and request that Member Unit's schedule for water deliveries. If a Member Unit does not schedule its full allocation of yield in any given year, the Agency shall reallocate that Member Unit's share to the remaining Member Units according to Table A amounts. Member Units shall respond to the Agency by the time requested in the Agency's notice of allocation or request for water delivery schedules. If a Member Unit does not respond to the Agency by the time requested, that Member Unit's allocation may be reallocated to the remaining Member Units or ID4.

ARTICLE 4. ISABELLA RESERVOIR STORAGE. The Member Units may receive Isabella Reservoir storage within the year Lower River yield is received subject to the Agency's needs which shall be allocated among the Member Units according to Table A amounts. In years when storage is received, the Agency shall notify each Member Unit of its allocation and request that Member Unit's schedule for use. If a Member Unit does not schedule its full allocation of storage in any given year, the Agency shall reallocate that Member Unit's share to the remaining Member Units according to Table A amounts. Member Units shall respond to the Agency by the time requested in the Agency's notice of allocation or request for water delivery schedules. If a Member Unit does not respond to the Agency by the time requested, that Member Unit's allocation may be reallocated to the remaining Member Units.

ARTICLE 5. ANNUAL ADMINISTRATION CHARGE. Each Member Unit shall pay to the Agency an annual administration charge equal to \$0.80 per acre-foot of the Member Unit's

Table A amount. After five years, the Agency may review and adjust the Annual Administration Charge. Such costs shall be billed in accordance with each Member Unit's Contract.

ARTICLE 6. ANNUAL BANKED WATER REPAYMENT CHARGE. Each Member Unit shall pay to the Agency an annual banked water repayment charge for acquisition of the Agency's previously banked water necessary to maximize deliveries of Lower River yield to the Member Units and to meet the Nickel Obligation. Such charge shall equal \$0.16 per acre-foot of the Member Unit's Table A amount and shall be billed in accordance with each Member Unit's Contract.

ARTICLE 7. LOWER RIVER YIELD CHARGE. Each Member Unit shall pay to the Agency a Lower River yield charge equal to \$5 per acre-foot for each acre-foot of Lower River water delivered to that Member Unit. Such costs shall be billed upon final reconciliation of monthly water deliveries to the Member Units.

ARTICLE 8. PAYMENTS. All payments shall be due 30 days after the date of the Agency's invoice. Late payments shall be subject to interest charges at the rate of 1 percent per month on the unpaid balance from the due date until the unpaid balance is paid off.

ARTICLE 9. DEFAULT. In the event of any default by a Member Unit in the payment of any money required to be paid to the Agency under this Agreement, the Agency in its sole discretion may not allocate any Lower River yield or Isabella Reservoir storage to the Member Unit during the period when the Member Unit is delinquent in its payment to the Agency under the terms of this Agreement; provided, that during any such period of delinquency the Member Unit shall remain obligated to make all payments required under this Agreement.

ARTICLE 10. RECOGNITION OF WATER RIGHT. The Member Units recognize and acknowledge that, as a result of this Agreement, they have no claim, right or interest in the Agency's Kern River Lower River water right.

ARTICLE 11. RESTRICTION ON USE OF WATER. A Member Unit may only transfer and/or exchange the Lower River water received pursuant to this Agreement with other water interests within the Agency's service area.

ARTICLE 12. LIABILITY. In the event of a claim of liability against the Agency for any environmental violations, including but not limited to the California Environmental Quality Act, that arises solely as a result of this Agreement, the Member Units shall defend (including expert costs), indemnify and hold the Agency harmless from any such claim. In the event of any other claim of liability against the Agency that arises solely as a result of this Agreement, the Member Units shall defend, indemnify and hold the Agency and any of its Directors, officers, or employees harmless from any such claim. The obligations of the Member Units under this Article (1) will be allocated among them pro rata according to the Table A amount of each, and (2) will not apply to any claim of liability arising from or relating to ID4's receipt or use of Lower River water.

ARTICLE 13. NOTICES. All notices pursuant to Articles 2, 3 & 4 of this Agreement shall be in writing and shall be deemed given on the date sent by electronic mail if sent during normal business hours.

All other notices, invoices and payments under this Agreement shall be deemed given or made if delivered personally, enclosed in a properly addressed envelope and delivered to a United States Post Office for delivery by registered or certified mail or an overnight delivery service with charges prepaid or charged to the sender's account, addressed to the recipient at the following applicable address, unless such address is changed by notice to the other parties:

KERN COUNTY WATER AGENCY  
Attn: Water Resources Manager  
3200 Rio Mirada Drive  
Bakersfield, CA 93308

lbauer@kcwa.com  
wrma@kcwa.com

(by email)

BELRIDGE WATER STORAGE DISTRICT  
Attn: General Manager  
8501 Brimhall Road, Bldg. 200, Suite 202 (by mail)  
Bakersfield, CA 93312

jrowe@westsidewa.org (by email)  
water@westsidewa.org

BERRENDA MESA WATER DISTRICT  
Attn: General Manager  
8501 Brimhall Road, Bldg. 200, Suite 202 (by mail)  
Bakersfield, CA 93312

jrowe@westsidewa.org (by email)  
water@westsidewa.org

BUENA VISTA WATER STORAGE DISTRICT  
Attn: General Manager  
P.O. Box 756 (by mail)  
Buttonwillow, CA 93206

athompson@bvh2o.com (by email)  
administrator@bvh2o.com

CAWELO WATER DISTRICT  
Attn: General Manager  
17207 Industrial Farm Road (by mail)  
Bakersfield, CA 93308

officeadmin@cawelowd.org (by email)

HENRY MILLER WATER DISTRICT  
Attn: General Manager  
PO Box 9759 (by mail)  
Bakersfield, CA 93389-9759

dsween@jgboswell.com (by email)

KERN DELTA WATER DISTRICT  
Attn: General Manager  
501 Taft Highway (by mail)  
Bakersfield, CA 93307

Steven@kerndelta.org (by email)

LOST HILLS WATER DISTRICT

Attn: General Manager  
8501 Brimhall Road, Bldg. 200, Suite 202  
Bakersfield, CA 93312

(by mail)

[jrowe@westsidewa.org](mailto:jrowe@westsidewa.org)  
[water@westsidewa.org](mailto:water@westsidewa.org)

(by email)

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

Attn: General Manager  
PO Box 20820  
Bakersfield, CA 93390

(by mail)

[dbartel@rrbwsd.com](mailto:dbartel@rrbwsd.com)  
[ttaylor@rrbwsd.com](mailto:ttaylor@rrbwsd.com)

(by email)

SEMITROPIC WATER STORAGE DISTRICT

Attn: General Manager  
PO Box 8043  
Wasco, CA 93280

(by mail)

[jgianquinto@semitropic.com](mailto:jgianquinto@semitropic.com)  
[mail@semitropic.com](mailto:mail@semitropic.com)

(by email)

TEHACHAPI-CUMMINGS COUNTY WATER DISTRICT

Attn: General Manager  
PO Box 326  
Tehachapi, CA 93581

(by mail)

[tccwd@tccwd.com](mailto:tccwd@tccwd.com)

(by email)

TEJON-CASTAC WATER DISTRICT

Attn: General Manager  
P.O. Box 1000  
Tejon Ranch, CA 93243

(by mail)

[amartin@tejonranch.com](mailto:amartin@tejonranch.com)

(by email)

WEST KERN WATER DISTRICT

Attn: General Manager  
PO Box 1105  
Taft, CA 93268

(by mail)

[ghammett@wkwd.org](mailto:ghammett@wkwd.org)

(by email)

WHEELER RIDGE-MARICOPA WATER STORAGE DISTRICT

Attn: Engineer-Manager  
12109 Highway 166  
Bakersfield, CA 93313-9630

(by mail)

snicholas@wrnwds.com  
publicrelations@wrnwds.com

(by email)

ARTICLE 14. TIME OF ESSENCE. Time is of the essence in this Agreement.

ARTICLE 15. AMENDMENTS. This Agreement may be amended or modified only by a subsequent written agreement approved and executed by all of the Member Units and the Agency.

ARTICLE 16. ASSIGNMENT. This Agreement shall not be assigned by any Member Unit without prior written consent of the Agency.

ARTICLE 17. OPINIONS AND DETERMINATIONS. Where the terms of this Agreement provide for action to be based on discretion, opinion, judgment, approval, review or determination of any party, such terms are not intended to be and shall never be construed as permitting such discretion, opinion, judgment, approval, review or determination to be arbitrary, capricious or unreasonable.

IN WITNESS WHEREOF, the parties have executed this Agreement on the date first above written.

KERN COUNTY WATER AGENCY

By: \_\_\_\_\_  
Water Resources Manager

BELRIDGE WATER STORAGE DISTRICT

By: \_\_\_\_\_  
General Manager

BERRENDA MESA WATER DISTRICT

By: \_\_\_\_\_  
General Manager

BUENA VISTA WATER STORAGE DISTRICT

By: \_\_\_\_\_  
General Manager

CAWELO WATER DISTRICT

By: \_\_\_\_\_  
General Manager

HENRY MILLER WATER DISTRICT

By: \_\_\_\_\_  
General Manager

KERN DELTA WATER DISTRICT

By: \_\_\_\_\_  
General Manager

LOST HILLS WATER DISTRICT

By: \_\_\_\_\_  
General Manager

ROSEDALE-RIO BRAVO WATER STORAGE DISTRICT

By: \_\_\_\_\_  
General Manager

SEMITROPIC WATER STORAGE DISTRICT

By: \_\_\_\_\_  
General Manager

TEHACHAPI-CUMMINGS COUNTY WATER DISTRICT

By: \_\_\_\_\_  
General Manager

TEJON-CASTAC WATER DISTRICT

By: \_\_\_\_\_  
General Manager

WEST KERN WATER DISTRICT

By: \_\_\_\_\_  
General Manager

WHEELER RIDGE-MARICOPA WATER STORAGE DISTRICT

By: \_\_\_\_\_  
General Manager



**April 2026**  
**Strategic Plan Goal Update**  
Goal 4



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## Our Purpose

To be responsible stewards of water, a valued resource.



## Our Mission

Building a sustainable water supply to help our community thrive.



## Our Values

### **Sustainability**

We are a Team that does not take from tomorrow to provide for today. We strive to cultivate relationships and vital resources for the continued benefit of our community.



### **Innovation**

We are a Team that does not simply conform to routine patterns but seeks to transform the water business. We explore creative ideas and develop unique solutions to solve complex challenges.

### **Gracious**

We are a Team that offers respect regardless of the circumstances, recognizing everyone is created differently with unique talents, perspectives, positions, and backgrounds.

### **Hard-working**

We are a Team that is determined to do the job right. We embody a culture that goes the “second mile,” committed to producing efficient, accurate, and high-quality work.

### **Trustworthy**

We are a Team that is honest, consistent, and transparent. We would never ask others to do something that we would not do ourselves.

# Goals



**Goal 1: Develop and Improve Long-Term Partnerships**

Overall Progress

**49%**



Objectives

**3**



**Goal 2: Acquire Other Water Supplies**

Overall Progress

**57%**



Objectives

**3**



**Goal 3: SGMA Projects and Management Actions Implementation**

Overall Progress

**68%**



Objectives

**5**



**Goal 4: Live out an intentional and focused project plan for major initiatives**

Overall Progress

**64%**



Objectives

**4**



**Goal 5: Ensure that key responsibilities within the District are sustainable and efficient**

Overall Progress

**51%**



Objectives

**3**

**Goals**

# Goal 4: Live out an intentional and focused project plan for major initiatives

Maintain a disciplined and strategic project framework to deliver the District’s major initiatives, including project evaluations, long-term water supply planning, administrative and financial strengthening, and continued collaboration to advance Kern Subbasin sustainability.



**Overall Progress**

**64% Complete**



**23 Milestones**



- Complete **12 Milestones (52%)**
- On Track **5 Milestones (22%)**
- Not Started **6 Milestones (26%)**

**Objectives**

- Complete
- On Track
- Minor Disruption
- Major Disruption
- Not Started
- Future

4a. Develop a Project Evaluation Tool

Milestones **5**

Progress



Status



4b. Develop long-term water supply acquisition strategy

Milestones **6**

Progress



Status



4c. Continue and improve proper District Administration and Finance strategies

Milestones **6**

Progress



Status



4d. Continue to influence other GSAs and Management Areas toward Kern Sub-basin sustainability

Milestones **6**

Progress



Status



**Objectives**

# 4a. Develop a Project Evaluation Tool






Establish a transparent and consistent framework for evaluating and prioritizing projects to ensure strategic alignment, fiscal responsibility, and long-term groundwater sustainability.

Overall Progress  88%

Overall Status 

- Complete
- On Track
- Minor Disruption
- Major Disruption
- Not Started
- Future

**Milestones**

Risk and Reliability Evaluation Tool	Last Update	<b>03/3/2026</b>	Progress  100%	Status <span style="color: green;">●</span> Complete
How Much Evaluation Tool	Last Update	<b>03/3/2026</b>	Progress  100%	Status <span style="color: green;">●</span> Complete
Affordability Evaluation Tool	Last Update	<b>03/3/2026</b>	Progress  100%	Status <span style="color: green;">●</span> Complete
Final Project Evaluation Tool	Last Update	<b>03/3/2026</b>	Progress  100%	Status <span style="color: lightgreen;">●</span> On Track
Complete Project Evaluation Tool for all Projects	Last Update	<b>03/18/2026</b>	Progress  40%	Status <span style="color: lightgreen;">●</span> On Track

**Objectives**




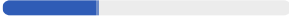
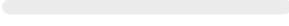
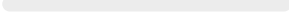
# 4b. Develop long-term water supply acquisition strategy

Overall Progress  **56%**

Overall Status 

● Complete  
 ● On Track  
 ● Minor Disruption  
 ● Major Disruption  
 ● Not Started  
 ● Future

**Milestones**

<a href="#">4b. 2023 Update</a>	Last Update	<b>12/31/2023</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4b. 2024 Update</a>	Last Update	<b>12/31/2024</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4b. 2025 Update</a>	Last Update	<b>12/31/2025</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4b. 2026 Update</a>	Last Update	<b>02/10/2026</b>	Progress  <b>33%</b>	Status <span style="color: lightgreen;">●</span> On Track
<a href="#">4b. 2027 Update</a>	Last Update		Progress  <b>0%</b>	Status <span style="color: grey;">●</span> Not Started
<a href="#">4b. 2028 Update</a>	Last Update		Progress  <b>0%</b>	Status <span style="color: grey;">●</span> Not Started

**Objectives**




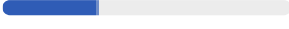
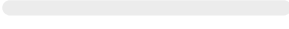
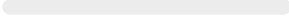
# 4c. Continue and improve proper District Administration and Finance strategies

Overall Progress  **56%**

Overall Status 

- Complete
- On Track
- Minor Disruption
- Major Disruption
- Not Started
- Future

**Milestones**

<a href="#">4c. 2023 Update</a>	Last Update <b>12/31/2023</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4c. 2024 Update</a>	Last Update <b>12/31/2024</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4c. 2025 Update</a>	Last Update <b>12/31/2025</b>	Progress  <b>100%</b>	Status <span style="color: green;">●</span> Complete
<a href="#">4c. 2026 Update</a>	Last Update <b>02/10/2026</b>	Progress  <b>33%</b>	Status <span style="color: lightgreen;">●</span> On Track
<a href="#">4c. 2027 Update</a>	Last Update	Progress  <b>0%</b>	Status <span style="color: gray;">●</span> Not Started
<a href="#">4c. 2028 Update</a>	Last Update	Progress  <b>0%</b>	Status <span style="color: gray;">●</span> Not Started

**Objectives**




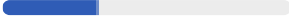
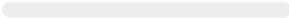
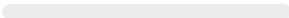
# 4d. Continue to influence other GSAs and Management Areas toward Kern Sub-basin sustainability

Overall Progress  56%

Overall Status 

- Complete
- On Track
- Minor Disruption
- Major Disruption
- Not Started
- Future

**Milestones**

4d. 2023 Update	Last Update	<b>12/31/2023</b>	Progress	 100%	Status	<span style="color: green;">●</span> Complete
4d. 2024 Update	Last Update	<b>12/31/2024</b>	Progress	 100%	Status	<span style="color: green;">●</span> Complete
4d. 2025 Update	Last Update	<b>12/31/2025</b>	Progress	 100%	Status	<span style="color: green;">●</span> Complete
4d. 2026 Update	Last Update	<b>02/10/2026</b>	Progress	 33%	Status	<span style="color: lightgreen;">●</span> On Track
4d. 2027 Update	Last Update		Progress	 0%	Status	<span style="color: grey;">●</span> Not Started
4d. 2028 Update	Last Update		Progress	 0%	Status	<span style="color: grey;">●</span> Not Started

[View this email in your browser](#)



## April 2026 Rosedale Recap!



### April 14, 2026, Board Meeting

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

APR  
14  
2026

BOARD OF  
DIRECTORS  
MEETING  
&  
RRBWSO GSA  
STAKEHOLDER  
MEETING

8:00 AM

[View the Meeting Packet](#)

# NEW! Water Accounting Platform Update

**APR  
16  
2026**

RRBWSD GSA  
NEW!  
GROUNDWATER  
ACCOUNTING  
PLATFORM  
WORKSHOP

9:00 AM

## The District is upgrading the Groundwater Accounting Platform!

The new system will offer improved usability, clearer navigation, and field-level viewing, making it easier for both staff and landowners to track supply, usage, and fees. The updated platform will also include improved annual statements and mapping tools.

### Join Our Workshop

**Date:** April 16, 2026

**Time:** 9:00 AM

**Where:** Zoom and RRBWSD Office

**Meeting ID:** 890 8199 1973

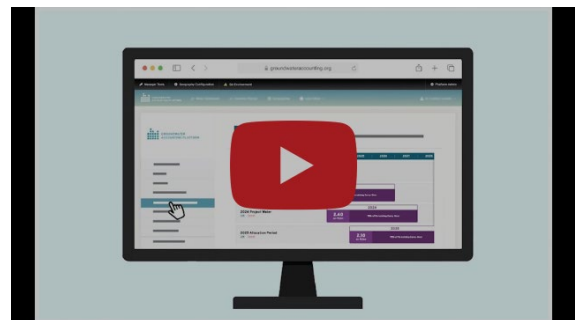
**Passcode:** 016902

## Check out the GAP User Guide and Video Walkthrough for more information!

[GAP User Guide](#)

[Click here for the Zoom Link!](#)

Rosedale staff will host a workshop to walk through the new platform, demonstrate features, and answer questions. We encourage all growers to attend either in person or online!



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## Water Charge Updates

District staff have finalized adjustments to Farming Units, implemented Project Water transfers between landowners, and created Water Charge Invoices/Summaries for the 2025 Water Charge. Water Charge Invoices will be mailed by **April 15, 2026**.

Here are the key dates for the Collection of 2025 Water Charge Invoices:

- **April 15, 2026** – Invoices/Summaries mailed.

- **May 15, 2026** – Deadline for written appeals/protests.
- **May 15, 2026** – Payments due. Penalties and interest are applied to late payments.
- **May-June 2026** – Board to consider appeals and address delinquencies (through the placement of a lien on delinquent parcels or legal action).

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## NEW! LandIQ Daily Field-Level ET Tool

The District has partnered with LandIQ to provide growers with access to a daily water demand tool. This platform enables landowners to view real-time, field-level data to support irrigation planning and on-farm water management decisions. While this tool is not part of the formal Water Accounting Platform, it is offered as an additional resource to assist with operational planning. **Use of this tool is entirely optional and is not associated with the District’s Water Charge, Groundwater Accounting Platform, billing, or invoices.**

For help setting up an account, don't hesitate to get in touch with our office at (661) 589-6045 or [admin@rrbwsd.com](mailto:admin@rrbwsd.com) if you don't already have one.

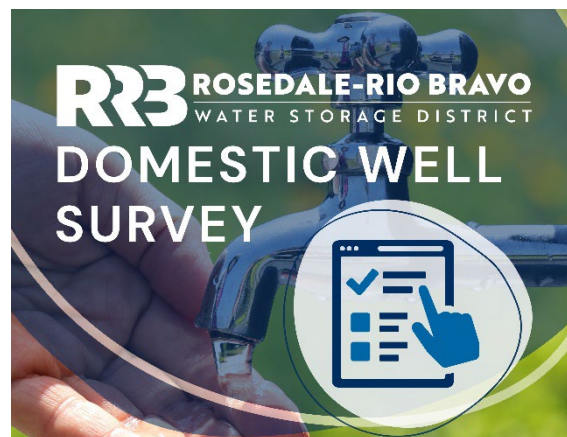
[Click here for Grower Access](#)

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## Attention Domestic Well Owners!

We are collecting data from domestic well owners in our area. This effort will help us better understand which wells may be at risk during future droughts and connect residents with potential resources.

If you own a domestic well, please take a few minutes to complete our short survey. Your participation will also make you eligible for **free groundwater level monitoring** to help track the condition of your well. You can access the survey and informational flyer using the buttons.



[Domestic Well Survey](#)



## SGMA Progress Update

The Kern Subbasin 2025 Annual Report was successfully submitted in compliance with SGMA requirements, reflecting continued coordination among the Subbasin’s 20 Groundwater Sustainability Agencies to monitor groundwater conditions and track progress toward sustainability. The report includes updated groundwater data, subsidence monitoring results, and progress on project and management action implementation.

RRBWSD exceeded its deficit reduction “glide path” milestone of 7,388 AFY, achieving a total of 12,415 AFY through a combination of demand reduction and supply augmentation projects. In addition, the Onyx Ranch Water Acquisition Project is now delivering approximately 6,000 AFY of new water supply.

Since 2018, the District has developed 850 acres of recharge ponds, resulting in the retirement of 2,210 AFY of demand and the addition of 6,261 AFY of stored water.

[View the Kern County Subbasin 2025 Annual Report](#)

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**Check out these helpful resources to find the water information you need!**

Don't know which GSA you are in?  
Use the button to access the Kern County GIS Map.  
View the **Layers** category, expand the **Water Resources** tab and select **Groundwater Sustainability Agencies**.

[Kern County GIS](#)

[Interactive Map](#)



Kern County Subbasin  
Groundwater Sustainability Agencies

Visit the Kern Subbasin GSA website for information about SGMA and our Groundwater Sustainability Plan (GSP).

[Kern Subbasin Website](#)

Don't forget: You can use the Kern Subbasin Data Management System (DMS) to access water data near you.

[Explore the DMS](#)



Need some help using the DMS? Check out our tutorial on using the DMS to find depth to water readings!

Have you lost access to drinking water? Please contact Self-Help Enterprises. Click the English or Spanish button for more information.

[English](#)

[Spanish](#)

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# Mark your calendars for our upcoming meetings!

## Kern Non-Districted Land Authority (KNDLA) Board Meeting:

Monday, April 27, 2026, at 2:00 PM at the Kern County Water Agency's office and via Zoom.

<b>APR 27 2026</b>	KERN NON DISTRICTED LAND AUTHORITY (KNDLA) BOARD MEETING  2:00 PM
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## RRBWSD Board & RRBWSD GSA Stakeholder Meeting:

Tuesday, May 12, 2026, at 8:00 AM at the RRBWSD office (**in person only**).

<b>MAY 12 2026</b>	BOARD OF DIRECTORS MEETING & RRBWSD GSA STAKEHOLDER MEETING  8:00 AM
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## RRBWSD GSA Stakeholder Meeting:

Tuesday, May 26, 2026, at 9:00 AM at the RRBWSD office and via Zoom.

<b>MAY 26 2026</b>	RRBWSD GSA STAKEHOLDER ADVISORY MEETING  9:00 AM
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Rosedale–Rio Bravo Water Storage District  
849 Allen Road Bakersfield, CA 93314

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BEFORE THE BOARD OF DIRECTORS OF THE  
ROSDALE-RIO BRAVO WATER STORAGE DISTRICT  
IN THE MATTER OF  
ACQUISITION OF ASSESSOR'S PARCEL NUMBERS 426-040-09, 10 and 11; 426-031-01,  
02, 08, 09 and 10; 426-033-01; 426-400-06  
AND DETERMINING ACQUISITION IS EXEMPT FROM CEQA

**RESOLUTION NO. 555**

WHEREAS, Rosedale-Rio Bravo Water Storage District ("District") is a California Water Storage District, formed and operating pursuant to California Water Code § 43000, et seq.;

WHEREAS, California Water Code § 43500 provides that the District may acquire any property or interest in property, either inside or outside of the District's boundaries, to carry out the District's project and purposes;

WHEREAS, the District is authorized by California Water Code § 43530 to acquire by condemnation all property it deems necessary for the construction, maintenance, improvement, and operation of the works or the carrying out of the project of the District;

WHEREAS, the District desires to purchase certain property, which is described in Exhibit "A", attached hereto and made a part hereof by reference, and identified by its Kern County Assessor Parcel Numbers listed in the title of this Resolution (the "Property") for the limited present purpose of preserving the opportunity for potential uses of the Property and its associated water rights in furtherance of the District's project and purposes;

WHEREAS, the District is not, by this Resolution or the proposed acquisition, approving any specific future project, construction activity, operational use, recharge basin, transmission facility, change in point of diversion, change in place of use, water conveyance facility, or any other physical change to the Property or associated water rights;

WHEREAS, any future proposal by the District involving construction, operation, groundwater recharge, changes in water rights, changes in point of diversion, changes in place of use, conveyance facilities, storage facilities, transmission facilities, or any other physical change to the Property or associated water rights will be subject to separate consideration, discretionary approval, environmental review, and compliance with CEQA at the time such proposal is formulated;

WHEREAS, it is in the District's interest to acquire a fee interest in the Property solely for the present purpose of preserving and evaluating future options for District projects and purposes, provided that any such future project is later determined to be legally, economically, technically, and environmentally feasible and is separately approved by the District following any required CEQA review;

WHEREAS, the District made an offer to the owner of the Property to acquire the Property in lieu of eminent domain;

WHEREAS, the District and the owner of the Property negotiated a Purchase and Sale Agreement for the acquisition of the Property by the District, which includes the salient terms of the purchase and sale of the Property;

WHEREAS, pursuant to California Government Code §§ 65402 and 51291, the District has notified the Planning Department for Kern County of its intent to acquire the subject real property;

WHEREAS, the amount offered by the District was not discounted due to the fact of the land being in an agricultural preserve or subject to a Williamson Act contract;

WHEREAS, the location chosen by the District was primarily based upon the District's prior experience with other properties in the vicinity, and the specific seller's willingness to consider selling to the District;

WHEREAS, there are no other comparable lands near the property that are reasonably available to the District either within or outside of an agricultural preserve;

WHEREAS, the proposed acquisition is exempt from CEQA pursuant to State CEQA Guidelines § 15061(b)(3) because the only action presently approved by the District is the acquisition of the Property itself, and it can be seen with certainty that such acquisition will not result in any direct or reasonably foreseeable indirect physical change in the environment;

WHEREAS, the Property will remain in its existing condition and use unless and until the District separately considers and approves a specific future project involving the Property or associated water rights; and

WHEREAS, any future project involving the Property or associated water rights, including any future change in place of use or point of diversion of associated pre-1914 appropriative water rights, will be subject to future environmental review and compliance with CEQA before any such project may be approved or implemented.

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

The foregoing recitals are true and correct, and the proposed acquisition of the Property is hereby APPROVED. The Board hereby approves only the acquisition of the Property such to the terms and conditions of the Purchase and Sale Agreement. The Board does not, by this Resolution, approve any specific future use of the Property or associated water rights, or any other Project with respect to the Property. Any such future project shall require separate District consideration, discretionary approval, and environmental review under CEQA before implementation. The Board hereby determines that the acquisition of the Property alone is exempt from CEQA. District staff and legal counsel are hereby directed to take all actions necessary to consummate the purchase of the Property pursuant to the Purchase and Sale Agreement, subject to the satisfaction of all material conditions to close escrow. Staff is directed to file and post a Notice of Exemption pursuant to CEQA, execute a Certificate of Acceptance in accordance with applicable law, and to take all other actions and execute such documents that are necessary to consummate the transaction described herein.

This Resolution No. 555, being on motion of Director \_\_\_\_\_, seconded by Director \_\_\_\_\_, and authorized by the following vote:

AYES:

NOES:

ABSENT:

ABSTAINING:

I HEREBY CERTIFY that the foregoing is the resolution of said District as duly passed and adopted by said Board of Directors on the 14th day of April, 2026. WITNESS my hand and seal of the Board of Directors this 14th day of April, 2026.

\_\_\_\_\_  
Board President

\_\_\_\_\_  
Board Secretary

**EXHIBIT A**

**LEGAL DESCRIPTION OF PROPERTY**

[see attached]



**LEGAL DESCRIPTION**

Real property in the unincorporated area of the County of Kern, State of California, described as follows:

PARCEL 1:

Parcel 2, in that certain Certificate of Compliance recorded May 18, 1982 in [Book 5459, Page 2103](#) of Official Records, as Document No. 045462, described as follows:

The South Half of the South Half of Section 16, Township 26 South, Range 34 East, Mount Diablo Base and Meridian in the unincorporated area of the County of Kern, State of California according to the Official Plat thereof.

The South 130.00 feet of the North Half of the South Half of the West 3/5ths of the West Half of the West Half of Section 15, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof.

The South Half of the South Half of the West 3/5ths of the West Half of the West Half of Section 15, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof.

Also, that portion of the Northeast Quarter of the Southeast Quarter of Section 16, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof, described as follows:

BEGINNING, at the Southwest corner of the Northeast Quarter of the Southeast Quarter of said Section 16; thence, North 89°56'29" East 1316.12 feet to the Southeast corner thereof; thence, North 0°48'34" East along the East line of said Section 16, a distance of 130.00 feet; thence, South 89° 56' 29" West parallel with the South line of said Parcel 950 feet; thence, South 70°29'30" West 390.37 feet more or less to the Point of Beginning.

EXCEPTING THEREFROM, that portion vested in the United States of America pursuant to proceedings and judgment in Action No. 1224 in the U.S. District Court for the Southern District of California, Northern Division, entitled U.S.A. vs. Certain Lands In the County of Kern, et al., as described in the Decree on Declaration of Taking, recorded December 19, 1952 in [Book 2017, Page 6](#), of Official Records, and amended by a stipulation for revestment dated April 7, 1955 and recorded April 29, 1955 in [Book 2416, Page 576](#), of Official Records, as Document No. 27819.

ALSO EXCEPTING THEREFROM, any portion thereof lying Westerly of the 2603 Elevation Line as described in said Decree on Declaration of Taking.

ALSO EXCEPTING THEREFROM, that portion of property described as follows:

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BEGINNING, at a point in the East line of the West 3/5ths of the West half of the West half of Section 15, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area, County of Kern, State of California, lying 618.80 feet North 0°42'27" East of the South line of said Section 15; thence, continuing North 0°42'27" East and along said East line 150.00 feet; thence, North 89°17'33" West 55.70 feet; thence, South 0°42'27" West 150.00 feet; thence, South 89°17'33" East 55.70 feet to the Point of Beginning.

**PARCEL 1A:**

BEGINNING, at a point in the East line of the West 3/5ths of the West Half of the West Half of Section 15, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area, County of Kern, State of California, lying 618.80 feet North 0°42'27" East of the South line of said Section 15; thence, continuing North 0°42'27" East and along said East line 150.00 feet; thence, North 89°17'33" West 55.70 feet; thence, South 0°42'27" West 150.00 feet; thence, South 89°17'33" East 55.70 feet to the Point of Beginning.

**PARCEL 2:**

The Northeast Quarter of the Northwest Quarter; the North Half of the Northeast Quarter of Section 21; and the West 3/5ths of the Northwest Quarter of the Northwest Quarter of Section 22, all in Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof.

EXCEPTING THEREFROM, that portion vested in the United States of America pursuant to proceedings and judgment in Action No. 1224 in the U.S. District Court for the Southern District of California, Northern Division, entitled U.S.A. vs. Certain Lands In the County of Kern, et al., as described in the Decree on Declaration of Taking, recorded December 19, 1952 in [Book 2017, Page 6](#), of Official Records, and amended by a stipulation for revestment dated April 7, 1955 and recorded April 29, 1955 in [Book 2416, Page 576](#), of Official Records.

ALSO EXCEPTING THEREFROM, any portion lying within Parcel Maps 2847 and 6991.

ALSO EXCEPTING THEREFROM, any portion thereof lying Westerly of the 2603 elevation line as described in Decree of Distribution of Taking.

ALSO EXCEPTING THEREFROM, any portion lying within Parcel Map No. 6884.

The property in Section 21 also referred to as the Designated Remainder Parcel of PARCEL MAP NO. 9737, recorded May 24, 2002 in [Book 52, Page 77](#) of Parcel Maps, Kern County Official Records.

**PARCEL 3:**

Parcel 1 of PARCEL MAP NO. 2847, in the unincorporated area of the County of Kern, State of California according to the map thereof recorded July 8, 1975 in [Book 13, Page 199](#) of Parcel Maps, in the Office of  
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the County Recorder of said County.

EXCEPTING FROM, that portion of said land, lying within the South Half of the North Half of Section 21, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, all the coal and other minerals, together with, the right to prospect for, mine and remove the same pursuant to the provisions and limitations of the Act of December 29, 1916 (39 Stat 862), as excepted and reserved in the Patent from the United States of America, in the Patent recorded December 13, 1923 in [Book 22, Page 26](#) of Patents.

PARCEL 4:

The Southeast Quarter of Section 15 and the Southwest Quarter of Section 14, Township 26 South, Range 24 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof.

EXCEPTING THEREFROM, that portion conveyed to the State of California by Deed recorded November 23, 1966 in [Book 3998, Page 9](#) of Official Records, as Document No. 61952, for public highway purposes.

ALSO EXCEPTING THEREFROM, that portion of the Southwest Quarter of said Section 14, lying South of the centerline of Highway 178 and East of the centerline of Kelso Road.

ALSO EXCEPTING THEREFROM, that portion of the Southwest Quarter of said Section 14, described as follows:

Beginning, at the Northeast corner of the Southwest Quarter of said Section 14; thence, South 89°50'43" West along the North line of said Parcel 1470.62 feet; thence, South 0°01'00" East 464.08 feet; thence, North 89° 59'00" East 860.00 feet; thence, South 0°01'00" East 440.00 feet to the center line of the traveled way of State Route 178; thence, North 81°32'30" East along said center line 617.43 feet to the point of intersection with the East line of said Southwest quarter; thence, North 0°01'00" West 816.92 feet to the Point of Beginning.

ALSO EXCEPTING THEREFROM, that portion of the Southeast Quarter of said Section 15, described as follows:

Beginning, at a point on the West line of said Southeast quarter, lying 594.56 feet South 0°28'03" West of the Northwest corner thereof; thence, North 0°28'03" East 594.56 feet to the Northwest corner of the Southeast Quarter of said Section 15; thence, North 89°57'49" East 2628.40 feet to the Northeast corner of said Southeast Quarter; thence South 0°07'31" West along the East line of said Southeast Quarter, 85.00 feet; thence, South 89°54'46" West 1110.23 feet; thence, South 73°02'12" West 1094.35 feet; thence, South 68°13'15" West 512.74 feet to the Point of Beginning.

ALSO EXCEPTING FROM, that portion of said land, lying South of Highway 178, an undivided 1/2 interest in all oil, gas, hydrocarbons and other mineral rights in the property below a depth of 500 feet without the right of surface entry, and ALSO EXCEPTING FROM, that portion of said land, lying North of Highway 178, an undivided 1/2 interest in all oil, gas, hydrocarbons and other mineral rights, as reserved by San

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Francisco and Fresno Land Company in the Deed recorded August 15, 1980 in [Book 5306, Page 974](#) of Official Records, as Document No. 016522.

PARCEL 5:

All that portion of the Southwest Quarter of Section 14, Township 26 South, Range 34 East, Mount Diablo Base and Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof, lying South of Highway 178 and East of Kelso Road.

EXCEPTING FROM, that portion of said land, lying South of Highway 178, an undivided 1/2 interest in all oil, gas, hydrocarbons and other mineral rights in the property below a depth of 500 feet without the right of surface entry, and ALSO EXCEPTING FROM, that portion of said land, lying North of Highway 178, an undivided 1/2 interest in all oil, gas, hydrocarbons and other mineral rights, as reserved by San Francisco and Fresno Land Company in the Deed recorded August 15, 1980 in [Book 5306, Page 974](#) of Official Records, as Document No. 016522.

PARCEL 6:

The North Half of the Northeast Quarter of Section 22, Township 26 South, Range 34 East, Mount Diablo Meridian, in the unincorporated area of the County of Kern, State of California, according to the Official Plat thereof.

EXCEPTING THEREFROM, that portion of said Section 22, conveyed to the State of California in the Deed recorded November 23, 1966 in [Book 3998, Page 9](#) of Official Records, as Document No. 61952.

ALSO EXCEPTING THEREFROM, all that part of said land lying Southeasterly of the following described line:

Beginning, at the Southwest corner of the North 1/2 of the Northeast 1/4 of said Section 22; thence, North 85°34'34" East, 198.25 feet; thence, North 67°08'49" East, 639.41 feet; thence, North 71°57'54" East, 745.15 feet to the beginning of a curve concave to the Northwest and having a radius of 1640.00 feet; thence, Northeasterly along said curve through an angle of 20°39'21" a distance of 591.24 feet; thence, North 51°18'33" East, 813.21 feet, more or less, to a point on the East line of said Section, said point bearing North 1265.05 feet from the Southeast corner of said North 1/2 of the Northeast 1/4 of Section 22.

ALSO EXCEPTING THEREFROM, an undivided 1/2 interest in all oil, gas, hydrocarbon and other mineral rights in the property below a depth of 500 feet without the right of surface entry, and subject to the covenant contained therein, as reserved by San Francisco and Fresno Land Company in the Deed recorded August 15, 1980 in [Book 5306, Page 974](#) of Official Records, as Document No. 016522.

For conveyancing purposes only: APN 426-040-09 (Affects Portion of Parcel 1);  
426-031-02 (Affects Portion of Parcel 1);

*This page is only a part of a 2021 ALTA Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; and Schedule B, Part II—Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.*

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426-031-01 (Affects Parcel 1A);  
426-040-10 (Affects Portion of Parcel 2);  
426-033-01 (Affects Portion of Parcel 2);  
426-040-11 (Affects Parcel 3);  
426-031-08 (Affects Portion of Parcel 4);  
426-031-09 (Affects Portion of Parcel 4)  
426-031-10 (Affects Parcel 5) &  
426-400-06 (Affects Parcel 6)

*This page is only a part of a 2021 ALTA Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I—Requirements; and Schedule B, Part II—Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.*

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## Notice of Exemption

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To: Office of Planning and Research  
P.O. Box 3044, Room 113  
Sacramento, CA 95812-3044

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

County Clerk  
County of Kern  
1115 Truxtun Ave.

Project Title: Acquisition of Real Property by the Rosedale-Rio Bravo Water Storage District for Evaluation of Future District Uses

Project Applicant: Rosedale-Rio Bravo Water Storage District

Project Location – Specific: Kern County Assessor Parcel Numbers 426-040-09, 10 and 11; 426-031-01, 02, 08, 09 and 10; 426-033-01; 426-400-06

Project Location – City: Bakersfield                      Project Location – County: Kern

Description of Nature, Purpose, and Beneficiaries of Project:

The purpose of the proposed project is for the Rosedale - Rio Bravo Water Storage District (“District”) to acquire fee title to the properties identified by the above-listed Kern County Assessor Parcel Numbers (collectively, the “Property”). The total acreage of the Property is approximately 540 acres. The project is limited solely to the acquisition of the Property by the District. The District has no current plans to change the existing uses of the Property. The purpose of the project is to allow the District to evaluate future opportunities to use the Property for the District’s project and purposes. The District is not approving any specific future project, construction activity, operational use, recharge basin, transmission facility, change in point of diversion, change in place of use, water conveyance facility, or any other physical change to the Property or associated water rights at this time. The Property will remain in its current condition and use unless and until the District separately considers and approves a future project. The beneficiaries of the project are the landowners within the boundaries of the District.

Name of Public Agency Approving Project: Rosedale-Rio Bravo Water Storage District

Name of Person or Agency Carrying Out Project: Dan Bartel, Engineer-Manager, Rosedale-Rio Bravo Water Storage District

Exempt Status:

- Ministerial (Sec. 21080(b)(1); 15268);
- Declared Emergency (Sec. 21080(b)(3); 15269(a));
- Emergency Project (Sec. 21080(b)(4); 15269(b)(c))
- Categorical Exemption.
- Statutory Exemptions.
- General Rule or Common-Sense Exemption (15061(b)(3)).

Authority cited: Sections 21083 and 21110, Public Resources Code.  
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: \_\_\_\_\_

Reasons why the project is exempt:

The substantive component of the project consists solely of the acquisition of Property by the District. The proposed project does not involve the construction or alteration of any facilities, any change in existing uses of the Property, or any other change to the Property or its associated water rights. The Property will remain in its present use and condition until plans for future use of the Property are developed and considered by the District. Any future use or development of the Property by the District will be subject to separate consideration, discretionary approval, environmental review, and compliance with CEQA at the time such proposal is formulated. In light of the foregoing, it can be seen with certainty that the proposed activity will not result in any direct or reasonably foreseeable indirect potential change in the environment. As such, the proposed project is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3).

Lead Agency

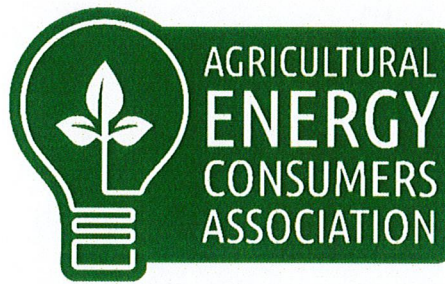
Contact Person: Rachelle Echeverria

Area Code/Telephone/Extension: (661)589-6045

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

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

Signed by Lead Agency     Signed by Applicant



## Benefits of AECA Membership

Effective representation before the California Public Utilities Commission (CPUC), California Energy Commission (CEC), California Legislature and other state agencies on energy related issues;

- Regular updates on policy, regulatory, energy and legislative issues
- Monthly management report
- Invitations to policy and issue briefings

AECA Membership is open to all agricultural farmers, ranchers, producers and water pumpers, as well as agricultural cold storage, food production and processing operations throughout the supply chain.

## Dues structure

### **Agricultural Production, Packing, Processing and Cold Storage**

<u>Annual Power Bill</u>	<u>Annual Dues Amount</u>
Above \$2 million	½ of 1% of annual power bill
\$1 million - \$2 million	\$7,500
\$500,000 - \$999,999	\$3,500
\$250,000 - \$499,999	\$2,000
\$125,000 - \$249,999	\$1,000
\$50,000 - \$124,999	\$500
Below \$50,000	\$250

### **Agricultural Water Agencies and Water Pumping**

Dues calculated as ½ of 1% (0.005) of annual power bill → \$4.550M

### **Agricultural Associations**

\$5,000 annually

≈ \$22,750



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[www.agenergyca.org/membership](http://www.agenergyca.org/membership)



AGRICULTURAL  
ENERGY  
CONSUMERS  
ASSOCIATION

# Challenge & Opportunity

AECA is the only organization that is vigorously representing Ag water agencies, farmers, and food producers and processors on energy related matters

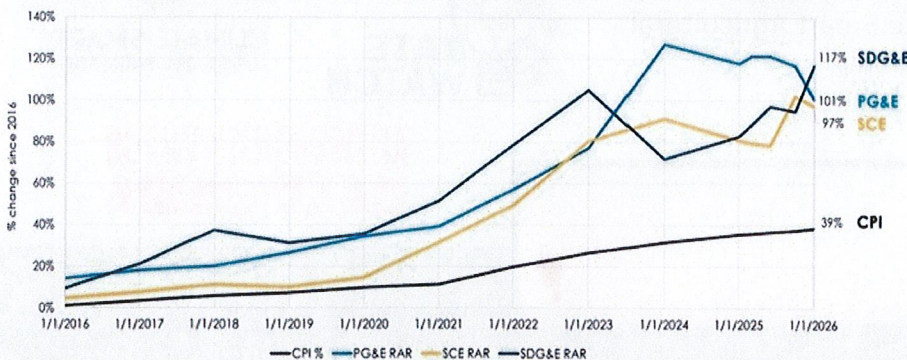
## The Challenge

The Agricultural Energy Consumers Association was extremely successful during its first 25 years of involvement holding agricultural rates largely in check. However, significant rate pressures have dramatically increased energy rates for all consumers in California. As you can see from the chart below energy rates in California have risen far faster than inflation, effectively doubling in the last decade.

California's rates are also more than double the national average, and triple those found in other western states. There are a number of factors that have driven energy costs in California, including:

- Wildfire exposure and mitigation
- California's ambitious climate and renewable energy policies
- Rooftop solar

### RATES HAVE INCREASED SUBSTANTIALLY OVER THE LAST DECADE, SURPASSING INFLATION



\*Showing latest Bundled Residential Average Rates (RAR) and Consumer Price Index (CPI) for All Urban Consumers (CPI-U) found at <https://data.bls.gov/rate-bin/choice> as of January 1, 2026.

Another major factor that will influence energy costs in California going forward is increased demand driven by building and transportation sector electrification and massive demand from AI and other data centers. PG&E is currently seeking an additional 44% rate increase between now and 2030.

## The Opportunity is Now!

None of these costs are being driven by the food production sector. Wildfire mitigation is largely a residential issue with farmland actually providing a buffer against wildfire spread. Agricultural energy use, which is largely tied to water pumping, is actually expected to decrease due to implementation of SGMA. A preliminary analysis suggests Ag energy use for water pumping could decrease by 18-20%. Food processing and cold storage operations could see a similar decline as up to 900,000 acres of farmland is fallowed in the next 15 years.

(Continued on reverse)

# AECA is planning a significant increase in its activities over the next 3-4 years to avoid expected double-digit rate increases

The Agricultural Energy Consumers Association (AECA) represents the interests of more than 40,000 agricultural operations from Redding to San Diego. AECA members include the state's leading agricultural associations, water agencies, farmers, ranchers, producers and food processors. AECA members share a common concern of ensuring affordable and reliable energy resources throughout California. Combatting the out-of-control costs of energy continues to be our primary goal.

## The Opportunity is Now!

(continued)

As a result, farmers, food processors, and agricultural water agencies should not be picking up the expected increases in energy costs. Telling this important story to policymakers and energy regulators now becomes critical.

AECA is planning a significant expansion of its activities over the next 3-4 years to avoid expected double-digit rate increases.

- Enhanced participation in PG&E's 2027-2030 General Rate Case to ensure Ag is not picking up costs associated with massive system growth
- Research to document expected agricultural and food product production load decline
- Continued protection of agricultural net-energy metering long-term benefits
- Exploration of legislation to expand Ag water agency powers to own and operate renewable energy projects and distribution lines
- Expansion of direct access and renewable energy programs such as RSBCT
- Enhanced lobbying at the CPUC, CEC, and state legislature
- Enhanced public affairs efforts, including:
  - Rate watch
  - Affordability watch
  - Climate Smart Agricultural Partnership



**AFFORDABILITY WATCH  
CALIFORNIA**



**AECA**

[www.agenergyca.org](http://www.agenergyca.org)



SCAN ME

Contact:

Wendy Lauchland

[wendy@wendylauchland.com](mailto:wendy@wendylauchland.com)

916.799.5046

April 14, 2026

**To:** Rosedale-Rio Bravo Water Storage District Board of Directors

**Agenda Item:** 7a

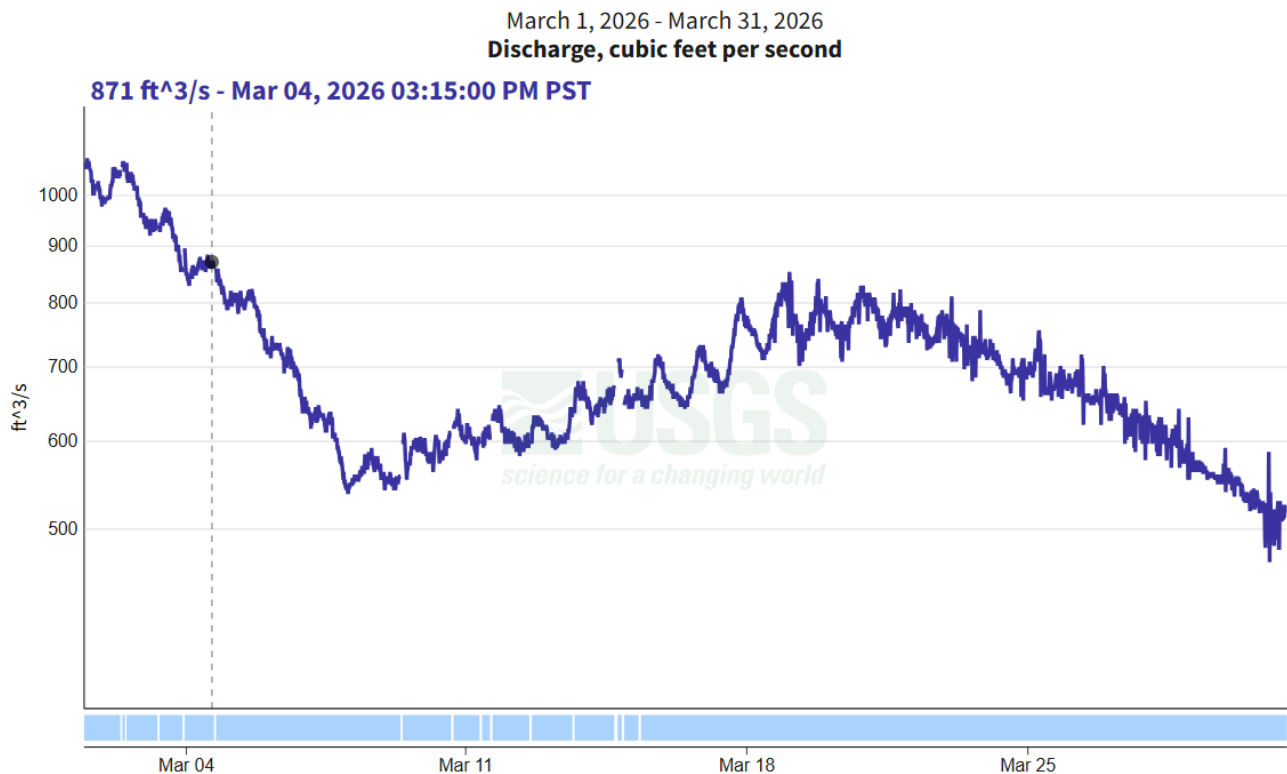
**From:** Dan Bartel

**Re:** Onyx Project Report

This month we:

- Continued operation of conveyance facilities.
- Recorded that USGS verified South Fork station was not completed in March.
- Did not stream gage at Doyle nor Patterson due to high flow conditions.
- Coordinated Project operations with KRI's.
- Harder completed work on model update for 2026 no-injury calculation.
- Staff updated no-injury curve per Harder analysis
- Project operations March 1-31.
- Recorded net project water was 1285 AF.

South Fork flows downstream of Bloomfield averaged 707 cfs plus calculated accretions of 5 cfs, for a total average flow of about 712 cfs.



March-2026

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

Date	South Fork				D.Prince (4,5,17,20-22,37)			Hafenfeld (5)	RRBWS (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 (2/3 Smith)	RRBWS (1/3 Smith)		Total Diverted	South Fork		RRBWS to Isabella
	Mean Flow	USGS - Onyx @ 0500	Accretions	Doyle Ranch Road	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Redirected "Gross Project Water"	Nicoll	Cottonwood	Nicoll	Total Smith	Smith	Smith	Redirected "Gross Project Water"		Sierra Way "Flow"	Patterson "Flow"
1	1029	1040	5			2.5		2.4			31.7	5.3		3.7	9.4	6.1		3.3	20	Yes	Yes	20.27
2	1021	1060	5			3.0		3.0			31.7	5.4		4.0	9.4	6.1		3.3	22	Yes	Yes	20.27
3	923	945	5			2.8		2.7			31.7	3.1	3.7	3.0	8.9	5.6		3.3	21	Yes	Yes	20.27
4	849	853	5			2.7		2.6			31.7	6.0	4.5	3.4	8.1	4.8		3.3	24	Yes	Yes	20.27
5	793	811	5			2.6		2.7			31.7	6.1	3.0	4.1	8.3	5.0		3.3	24	Yes	Yes	20.27
6	704	730	5			2.6		2.6			31.7	4.4	3.4	4.4	7.4	4.1		3.3	22	Yes	Yes	20.27
7	612	636	5			2.6		2.6			31.7	6.5	3.0	5.0	7.3	4.0		3.3	24	Yes	Yes	20.27
8	564	554	5			2.5		2.5			31.7	6.2	4.0	5.2	8.9	5.6		3.3	26	Yes	Yes	20.27
9	575	544	5			2.6		2.6			31.7	6.0	4.2	3.8	9.8	6.5		3.3	26	Yes	Yes	20.27
10	597	568	5			2.7	8.6	2.7		9.3	31.7	6.0	4.1	4.0	9.9	7.0		2.9	44	Yes	Yes	20.33
11	613	602	5			2.8	4.4	2.8		17.0	31.7	5.0	4.0		9.6	6.3		3.3	42	Yes	Yes	20.57
12	609	606	5			2.7	4.5	2.6		17.0	31.7	5.5	4.0		9.4	6.1		3.3	42	Yes	Yes	20.57
13	621	602	5			2.6	4.5	2.6		17.0	31.7	5.6	4.2		9.6	6.3		3.3	43	Yes	Yes	20.98
14	657	630	5			2.6	5.9	2.6		17.0	31.7	7.0	4.0		9.8	6.5		3.3	46	Yes	Yes	20.98
15	673	621	5			2.9	6.8	2.8			31.7	4.8	4.0		9.9	7.4		2.5	29	Yes	Yes	20.50
16	678	663	5			3.2	6.5	3.2			31.7	4.7	4.1		9.7	6.4		3.3	28	Yes	Yes	20.98
17	717	697	5			2.7	7.0	2.7			31.7	5.2	3.9		9.6	6.3		3.3	28	Yes	Yes	20.98
18	762	753	5			3.4	6.2	3.4			31.7	5.2	3.9		9.8	6.5		3.3	29	Yes	Yes	20.98
19	776	770	5			3.2	6.0	3.2			31.7	4.8	4.6		8.9	5.6		3.3	27	Yes	Yes	20.98
20	774	759	5			3.0	9.2	2.9			31.7	12.1	4.8		9.9	6.9		3.0	39	Yes	Yes	21.11
21	781	788	5			3.0	6.4	2.9			31.7	10.0	4.6	4.4	9.9	7.2		2.7	39	Yes	Yes	20.93
22	761	776	5			3.0	5.8	2.9			31.7	10.0	4.8	4.8	9.6	6.3		3.3	38	Yes	Yes	21.29
23	734	725	5			2.9	9.1	2.8			31.7	7.6	4.9	4.0	8.5	5.2		3.3	37	Yes	Yes	21.29
24	700	719	5			2.8	8.3	2.8			31.7	8.4	5.8	4.0	9.5	6.2		3.3	38	Yes	Yes	21.29
25	688	713	5			3.4	8.3	3.3			31.7	8.2	4.7	4.0	9.2	5.9		3.3	38	Yes	Yes	21.29
26		680	5			3.0	8.8	3.0			31.7	8.1	4.8	4.0	9.0	5.7		3.3	37	Yes	Yes	21.75
27		663	5			3.1	8.4	3.0			31.7	8.2	5.5	4.0	9.8	6.5		3.3	39	Yes	Yes	21.75
28		587	5			3.0	8.5	3.0			31.7	3.5	5.1		9.0	5.7		3.3	29	Yes	Yes	21.75
29		563	5			3.0	9.1	3.0			31.7	3.3	5.3		8.7	5.4		3.3	29	Yes	Yes	21.75
30		549	5			3.0	9.1	2.9			31.7	3.3	5.3		8.4	5.1		3.3	29	Yes	Yes	21.75
31		508	5			3.0	7.8	2.9		15	31.7	2.0	5.0		8.5	5.2		3.3	41	Yes	Yes	21.75
SFD	18,207	21,721	155	0	0	89	159	88	0	0	93	188	135	62	284	183	0	100	996	0	0	648
AF	36,114	43,084	307		0	176	316	174	0	0	184	1,949	268	123	364	364	0	199	1,976	0	0	1,285.16
	728	707	5			492					2,133	372		391		5.9	#DIV/0!		32			
																364		0				

Note:

Cottonwood via the Landers  
 Miller ditch water is being split Prince and Haf. 50/50  
 Redirected Historic Irrigation Demand Limit = 35  
 ## South Fork Doyle Ranch Flow measurement, value carries for next week

USGS SFork at 0500  
<https://waterdata.usgs.gov/monitoring-location/11189500/#dataTypeId=continuous-00065-0&period=P7D>  
 Bold ## on USGS denotes USGS gage verification

Nicoll RRB diversions riparian Boone deliveries only  
 Prince Ditch opened from maintenance 3/10

**South Fork Kern River Annual Diversion Report - 2026**

All units in AF																							
Date	South Fork		D.Prince (4,5,17,20-22,37)			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) 2/3	Smith (RRB) 1/3	Total South Fork Diverted All Users	South Fork		RRBWSD (Onyx Project Actual)					
	USGS - Onyx (AF)	Accretions "Estimated"	Mill/Hillside	Miller	Prince	Miller	Scodie/Mack	Landers	Nicoll	Nicoll	Cottonwood	Nicoll	Smith	Smith		Sierra Way "Flow"	Patterson Flow	Redirected "Gross Project Water"	Net Project Water				
January	15,697	307	0	140	0	139	0	18	0	144	343	0	160	0	945	Yes	Yes	599	404.34				
February	13,389	278	0	137	0	135	0	0	0	165	358	67	210	8	1,081	Yes	Yes	819	501.48				
March	42,066	307	0	176	316	174	0	0	184	372	268	123	364	0	1,976	Yes	Yes	2,148	1,285.16				
April																							
May																							
June																							
July																							
August																							
September																							
October																							
November																							
December																							
AF	<b>71,151</b>	893	0	453	316	448	0	18	184	681	968	190	734	8	4,001			3,566	2,191				
																		<b>MAX of 14,000 per 4.3.5</b>					
Note:	Cottonwood via the Landers									Nicoll RRB diversions riparian Boone deliveries only													

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

**2026**

<b>Well Name</b>	<b>DATE</b>	<b>Depth to Water (ft)</b>	<b>Notes</b>
Onyx Store - Domestic	3/31/2026	39.9	
Ranch HQ - Domestic	3/31/2026	16.6	
Landers Sand - Old Ag Well	3/31/2026	17.8	
Onyx Store - Old Ag Well	3/31/2026	19.4	
Mack Well	3/31/2026	18.9	
Nicoll Field - Old Ag Well	3/31/2026	11	
Mack Field West - Domestic	3/31/2026	10.7	
Gibboney-2 Piezo	3/31/2026	6.3	
Gibboney-3 Piezo	3/31/2026	6.2	
Boone Piezo	3/31/2026	3.5	
Lieb Piezo	3/31/2026	6.3	
Pruitt Piezo	3/31/2026	11.6	
Scodie Well	3/31/2026	22	
Pruitt Well	3/31/2026	13.8	
Nicoll Well	3/31/2026	11.7	
Mack Piezo	3/31/2026	16.8	
West Onyx Piezo (Top of pipe to the concrete 1.9ft)	3/31/2026	16.7	On
East Onyx Piezo (Top of pipe to the concrete 1.4ft)	3/31/2026	21.4	
Smith Piezo #1	3/31/2026	14	
Smith Piezo #2	3/31/2026	16.3	
Smith Piezo #3	3/31/2026	14	

April 14<sup>th</sup>, 2026

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

## Improvement Projects

### Engineering/Construction Consultant Updates:

See below for invoicing through December on the design work for the pond layout of McCaslin North and the Dillard property. The McCaslin North design is currently approximately 90% complete.

Dillard / McCaslin North Design & Bid						
6/11/2024	\$	128,500.00	\$	54,432.00	42% of Budget remaining	
invoice:	Combined		Dillard	McNorth		
July - Aug 2024	\$	11,392.00	\$	8,450.50	\$	2,941.50
Sep-24	\$	695.00	\$	695.00	\$	-
Oct-Dec 24	\$	13,079.00	\$	9,284.00	\$	3,795.00
March - July 2025	\$	19,169.50			\$	19,169.50
Aug-25	\$	7,365.25			\$	7,365.25
Sept 25 - Nov 25	\$	15,661.50			\$	15,661.50
Dec-25	\$	993.75			\$	993.75
Jan26 - Feb26	\$	5,712.00			\$	5,712.00
<b>Total:</b>	<b>\$</b>	<b>74,068.00</b>	<b>\$</b>	<b>18,429.50</b>	<b>\$</b>	<b>55,638.50</b>
<b>Pinnacles Survey (Additional)</b>	<b>24-Nov</b>		<b>\$</b>	<b>13,082.00</b>		

### SCADA Projects:

District staff successfully applied for and received approval to join the GOES (Geostationary Operational Environmental Satellites) network, a system typically reserved for select government agencies. Participation in the GOES program provides significant benefits to the District, enabling data transmission from monitoring sites in remote areas where cellular service is unavailable. Unlike radios or cellular devices, the GOES system transmits data via satellite, and is the same technology utilized by the USGS to monitor flow rates in the South Fork. Staff are currently in the process of establishing the first remote monitoring site, with an estimated implementation cost of \$10,000–\$15,000. The District’s long-term goal is to replace

all three monitoring sites, which is expected to save approximately one hour of staff time per day in addition to reducing fuel expenses.

- Houghton Weir Data has been recovered and comms issues have been resolved**
- Kern River Intake issues have been resolved**
- Pump Plant logging issues are currently being addressed**
- Prince Meter (SCADA) troubleshooting in progress. Site location has been assessed**

### **West Superior Weir Reconstruction**

Retrofit of the Superior Weir Structure west of Superior Rd. and east of Enos Hwy. Staff has removed the boards and cleaned the structure to make a plan for the retrofit. West superior weir is not a critical measuring point within the Goose Lake Channel so modifications will be made to hold an upstream water surface and allow an approximate 200 cfs to flow through (see picture). The District is looking to retrofit the two middle bays with sluice gates. Cost of gates are approximately \$12,000 each, and District staff will be ordering two to go across the middle bays of the West Superior Weir. District staff will bring ratification of the gates to the September board meeting.

#### **Project Complete (with notable upgrades):**

- Slurry mix to seal bottom portion of gate**
- Extra supports welded and coated on the deck**
- Drill bit machined for operation of gates via battery powered joist drill**

### **McCaslin North Recharge and Recovery Project**

The District purchased 106 acres of farm ground for recharge ponds and one recovery well. An existing ag well was also included in the purchase of the property. The existing well was drilled in 2017 and may be viable to be equipped for District use. The well is 15” in diameter and approximately 800’ deep.

- No update**

**Recommendation: none**

## West Superior Weir Gates



Figure 1 West Superior Weir before modifications



Figure 2 West Superior Weir before modifications



Figure 3 West Superior Weir Deck sideview



Figure 4 West Superior Weir front view



Figure 5 West Superior Weir Complete



**KERN FAN GROUNDWATER STORAGE PROJECT**  
**ALT 5 Feasibility Team – Workshop**  
**March 18, 2026**



# KERN FAN GROUNDWATER STORAGE PROJECT TEAM

ITEM NO.	AGENDA ITEM
1	Team Introductions
2	Schedule
3	Project Benefits
4	CVC Operational Issues
5	Project Overview
6	Proposed Improvements (Options)
7	Project Costs
8	Engineering Next Steps
9	Permitting Update



# KERN FAN GROUNDWATER STORAGE PROJECT TEAM

## **GBJPA = Groundwater Banking Joint Powers Authority**

- Dan Bartel, GBJPA GM, Engineering and Construction
- Fiona Sanchez, GBJPA PM, Contracts, Permits, Grants
- Trent Taylor, RRBWSD, Contracts, Local and SWP Issues
  
- Curtis Skaggs, Engineering and Construction Project Manager
- Joe Long, Stantec, Conveyance Team
- Wayne Dahl, Conveyance Team
- Meyer Engineering, Recharge Team
- Zeiders Consulting, Recovery Team
- Dr. Howes, CVC Consultant
- Kristin Pittack, Rincon, Environmental



# INITIAL MILESTONES ALT5 JOINT CONCEPT

- Oct-2022** ● Update to CVC Advisory on Alt5 Concept
- Aug-2024** ● Update to KCWA on Alt5 Progress
- Oct-2024** ● Offer of Participation to CVC Advisory
- Feb-2025** ● Presentation to Interested Parties
- June-2025** ● CVC Advisory Approves Alt5 Feasibility Reimbursement Agreement
- Aug-2025** ● Execution of Alt5 Feasibility Reimbursement Agreement



# INITIAL MILESTONES ALT5 JOINT CONCEPT

**Sept-2025**

## ● ENGINEERING

● Footprint

● Pool 1 Concept

● Pool 2/3 Concept

● Schedule/Budget/Data Gaps/Next Steps

● **Alt 5 Feasibility Study**

## PERMITTING

Agreements

Easements

Permits



**Apr-2026**





# Feasibility Study Engineering Team





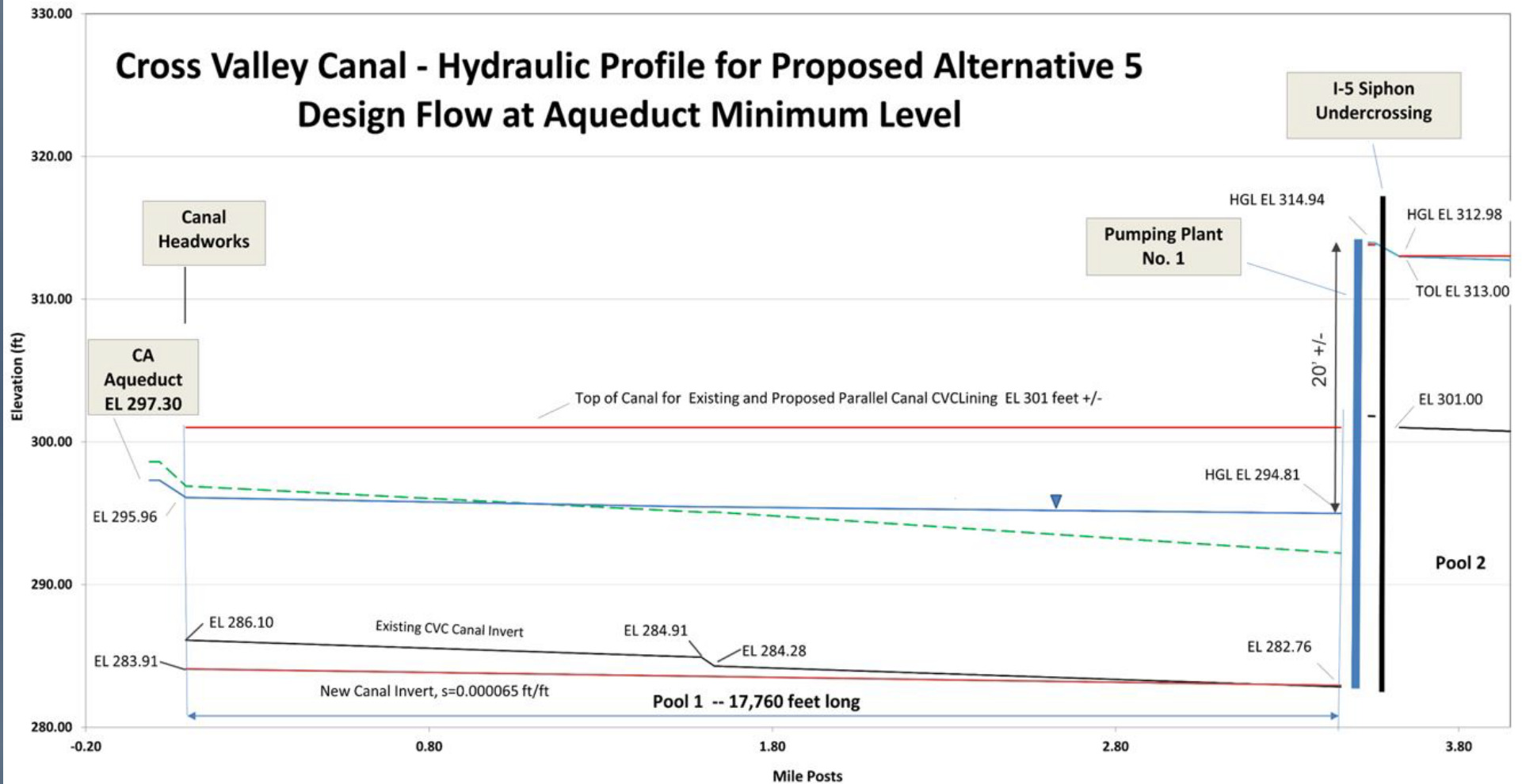
## Alt5 Project Benefits

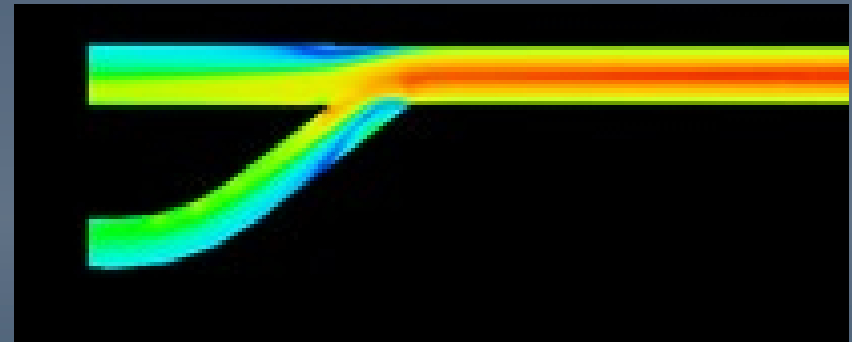
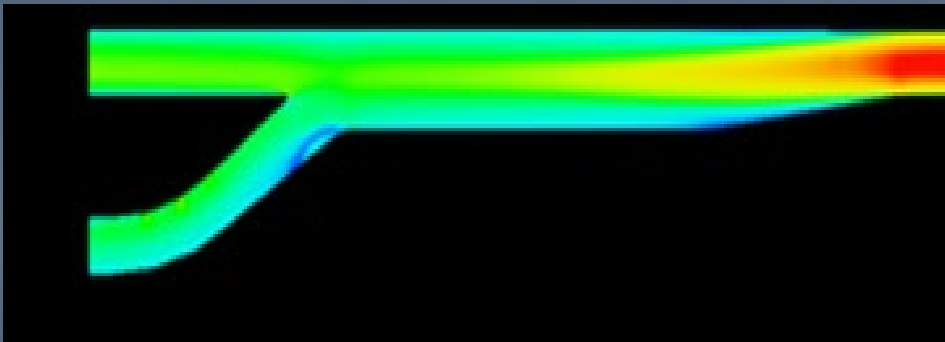
### Project offers multiple to Kern County water management:

- \$150M grants to enhance high-flow water storage
  - ✓ 700 acres of new recharge ponds
  - ✓ 375 cfs of new conveyance capacity to serve new and 700 acres of existing recharge ponds
- Increase capacity for other MU's
- Reduce limited freeboard risk
- Eliminate bifurcation oscillation in Pools 1-2
- Mitigate "B" Plant vortexing in Pools 1-2
- Improve pump submergence and performance in Pools 1-2
- Enhance reliability of CVC Pool 1
- Reduce Kern County's subsidence impacts/costs
- Provide funding for KWBA replacements and improvements



# CVC POOL 1 CAPACITY ISSUES





## *PP1 Afterbay*

PP1 afterbay is also a concern. The confluence of the afterbay shows significant turbulence and headloss at high flows. It is recommended to smooth the inlet transition from the B side into the A side.



Figure 3. PP1 afterbay after I5 siphon needs to have a wider smoother transition to the main pool.

## *Improving bifurcations*

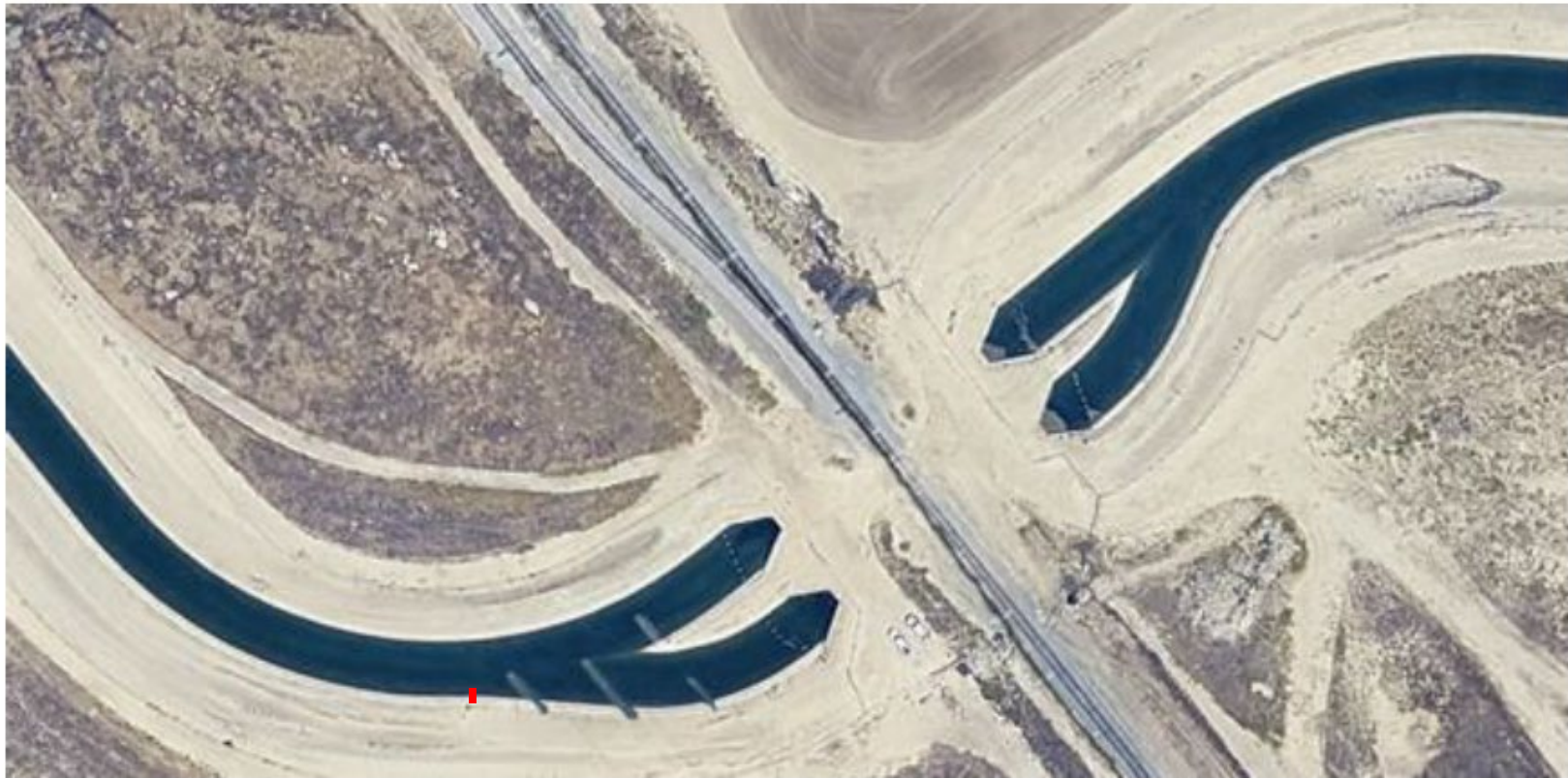
The following figure shows the Enos Lane siphon. The curve upstream of the bifurcation causes more flow to go through the north siphon (A side siphon) than south. Since both siphons are the same length and diameter, the lowest loss condition would be when both sides have equal flow.

Removing the curved section upstream will improve the flow conditions into these siphons, reducing the bifurcation and overall losses. I would recommend rounding the separation wall as shown in the PP2 forebay recommendations.



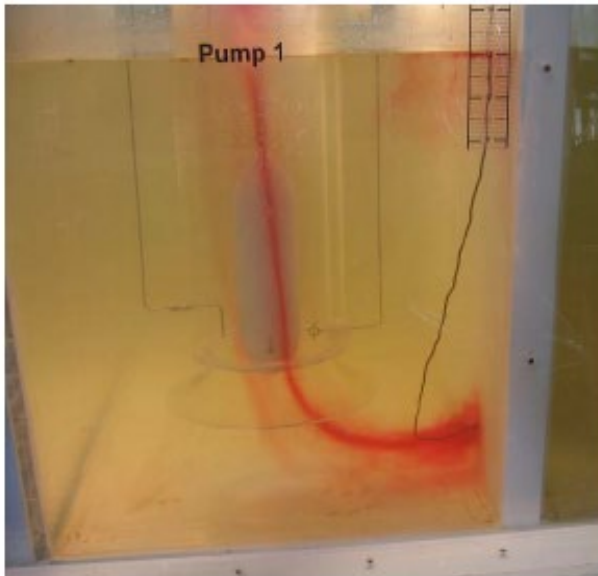
Figure 4. Enos siphon widening recommendation

The SPRR siphon is a challenge because of the orientation. The B Side has significantly more flow than the A Side due to the curve upstream of the siphon and higher velocities along the outside of the channel. The original design should have accounted for this and made the B Side larger to accommodate more flow. The simplest solution would be to install a velocity correction device on the outside of the curve just upstream of the bifurcation. This would be a wall along the outside bank about 10% of the channel width that forces the higher velocities back towards the middle of the channel. This is designed after bend way weirs and has been used successfully in a number of projects.





# CVC VORTEX ISSUES



a) A Type 2 subsurface vortex forming from the sidewall and entering Pump K. (6663)



b) A Type 2 subsurface vortex forming from the back wall and entering Pump K. (6462)

**Photo 3.6** Subsurface vortices in physical model study of Plant 1B prior to installation of modifications.

## Discussion:

Kern County Water Agency (Agency) staff recommends procuring three fabricated steel baffle walls for the forebay of Cross Valley Canal (CVC) Pumping Plant No. 2B to assist in the mitigation of vortex issues observed in the forebay. Informal bids were solicited from three steel fabricators. A summary of the bids is provided as Attachment 1.

**NHC 3/2018 Memo  
Highlighted B Plant  
Vortexing Types 1-3**

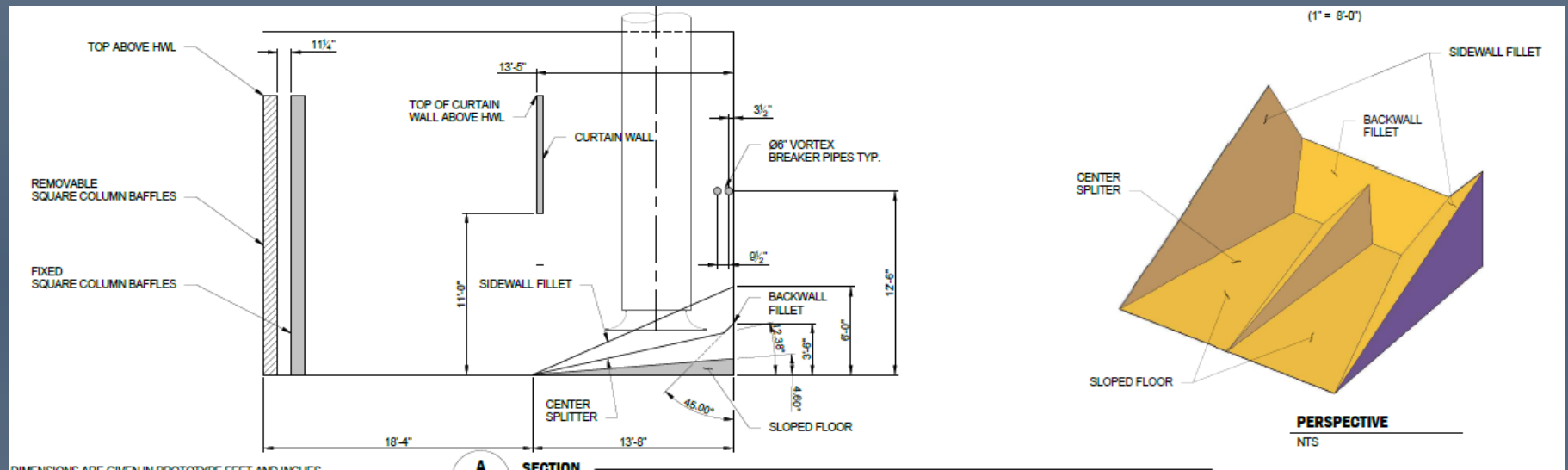
**Plan B = Baffles  
Installed**

**Removed 1 day after  
failed test 2/24/2026**

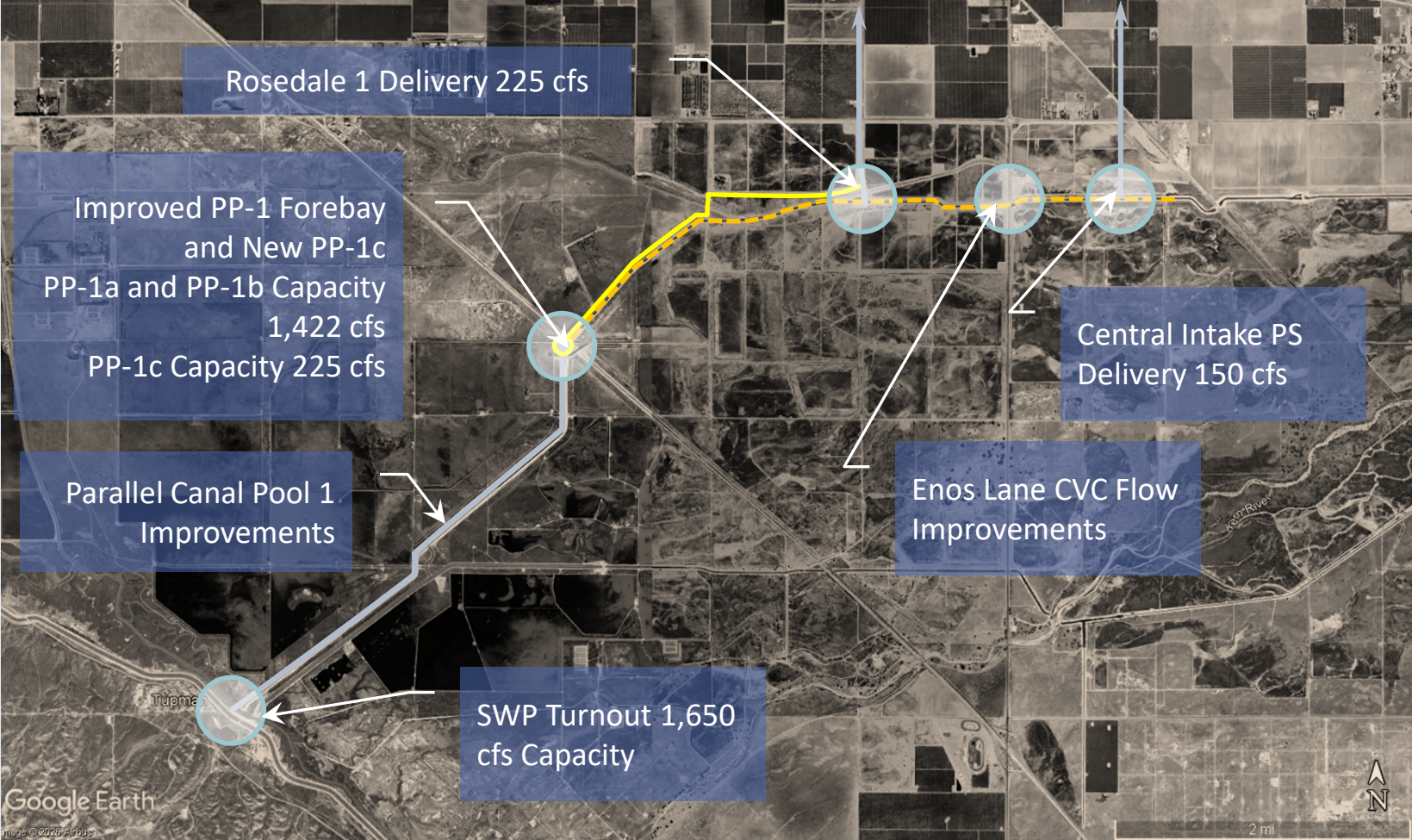
**RRB 1/2023**

**“Do not use the baffle  
at all....”**

## NHC 3/2018 Memo – Recommended More Comprehensive Mitigation Measures



# PROJECT OVERVIEW

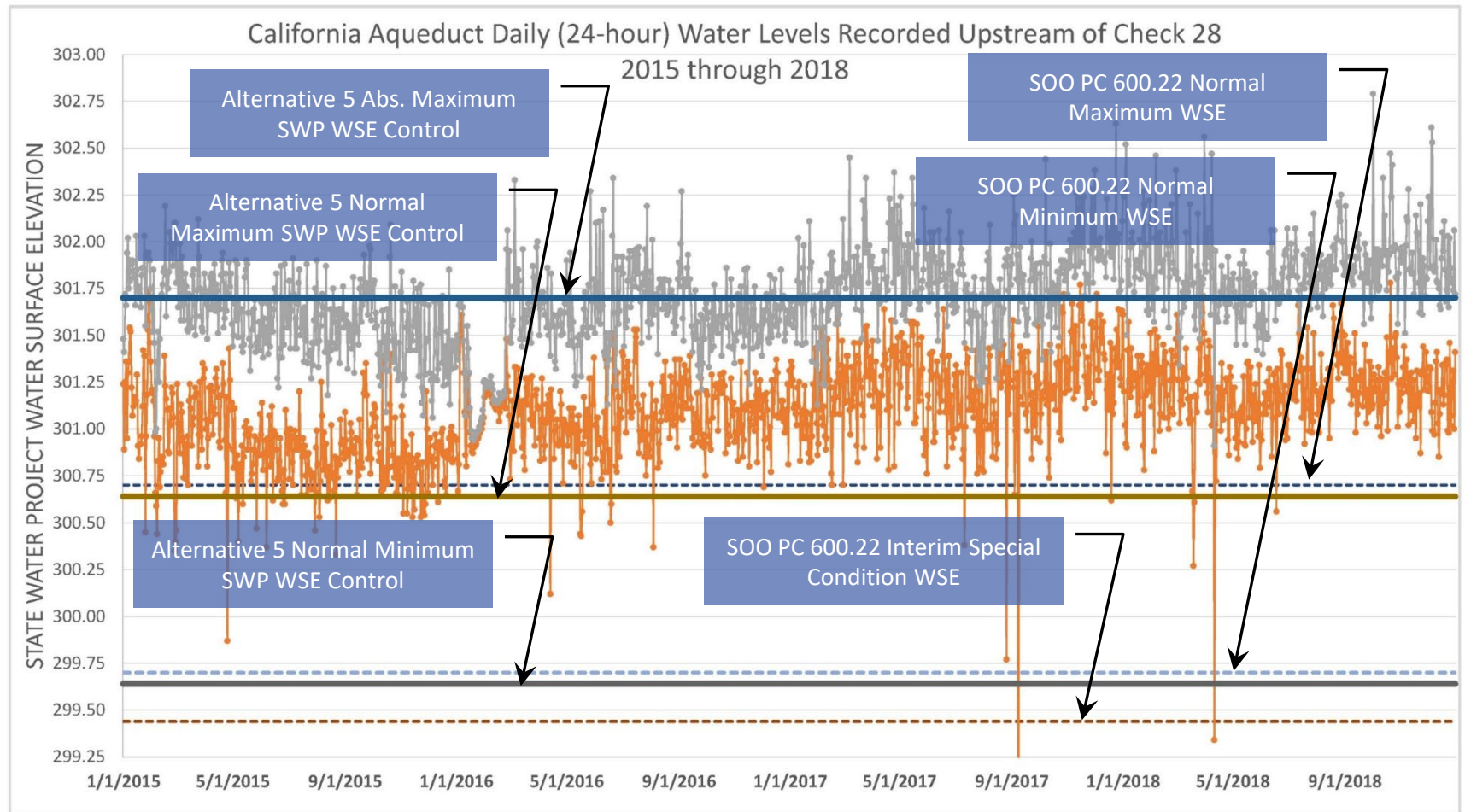




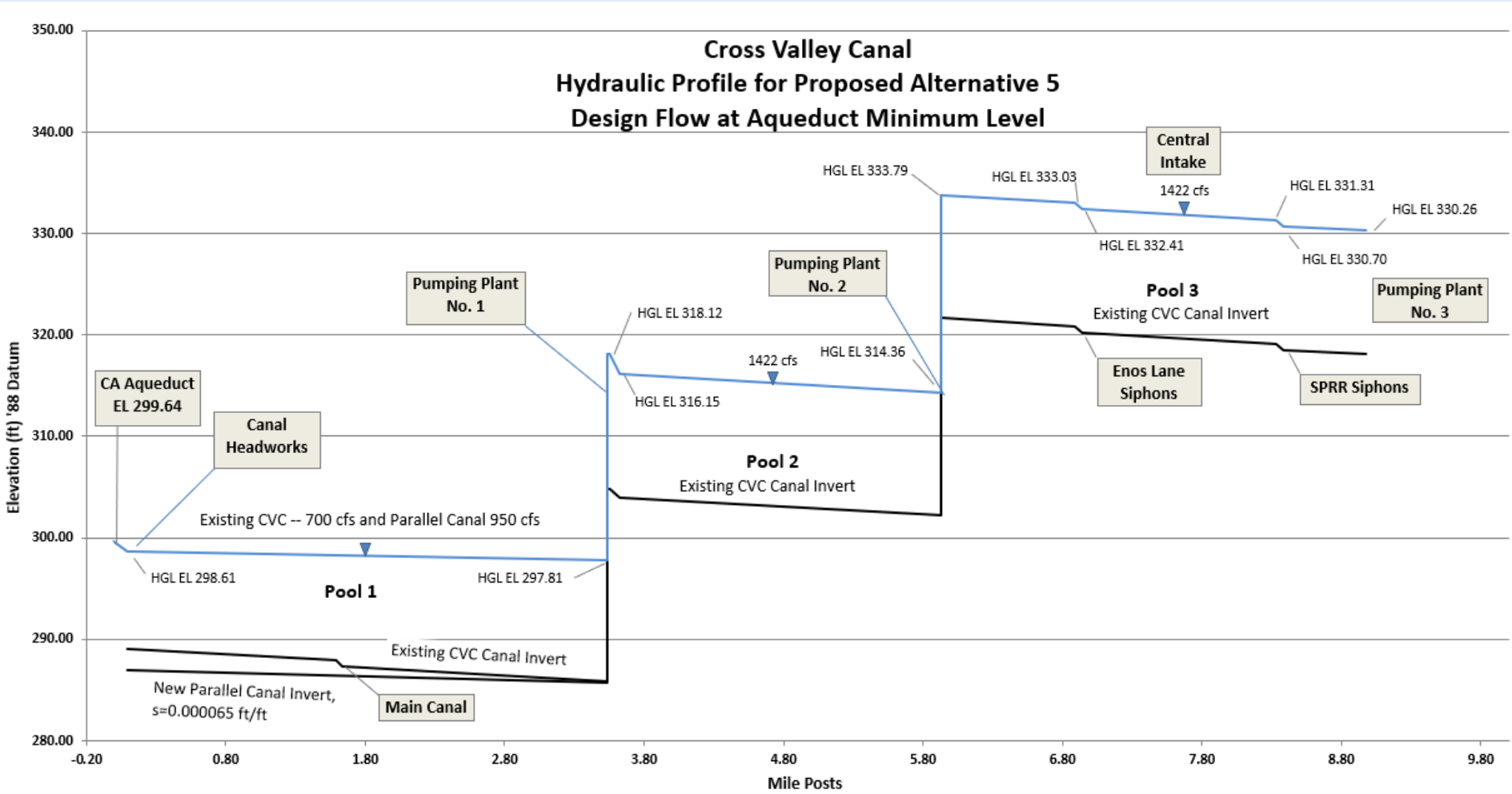
# DESIGN CONSIDERATIONS

ELEMENT DESCRIPTION		APPROACH CONSIDERATIONS
<b>Priority No.</b>		
<b>1</b>	Provide for a total maximum capacity of 1,650 cfs to be delivered through the Greater Bakersfield 1 & 2 from the State Water Project	Develop inlet canal geometry that minimizes hydraulic losses between the State Water Project to bifurcation of the CVC and the Proposed Parallel Canal.
<b>1</b>	Maintain water deliveries of 1,650 cfs from the State Water Project under range of SOO PC 600.22 Operating Levels	Base hydraulic control on State Water Project Low Water Operation historical data.
<b>1</b>	Improve CVC Pool One hydraulics to provide 1,422 cfs at Pumping Plant No. 1A & 1B and 225 cfs at Pumping Plant 1C	Develop a hydraulic profile that floats off the State Water Project Pool 28 WS Elevations and maintains normal depth at full design flow
<b>2</b>	Minimize CVC Operational Disruptions during Construction	Develop a Construction Staging Program allowing for the CVC to maintain operations for both forward and reverse flow
<b>3</b>	Maintain access for maintenance and operation of both the CVC and the Proposed Parallel Canal	Ensure existing access roads remain accessible while adding new access roads between and around the canals
<b>4</b>	Minimize environmental impacts (Tule Elk)	Minimize overall project footprint through environmental areas

# ALTERNATIVE 5 – SWP HYDRAULIC CONTROLS



# ALTERNATIVE 5 – HYDRAULIC OPERATING PROFILE



# ALTERNATIVE 5 – HYDRAULIC OPERATING LEVELS

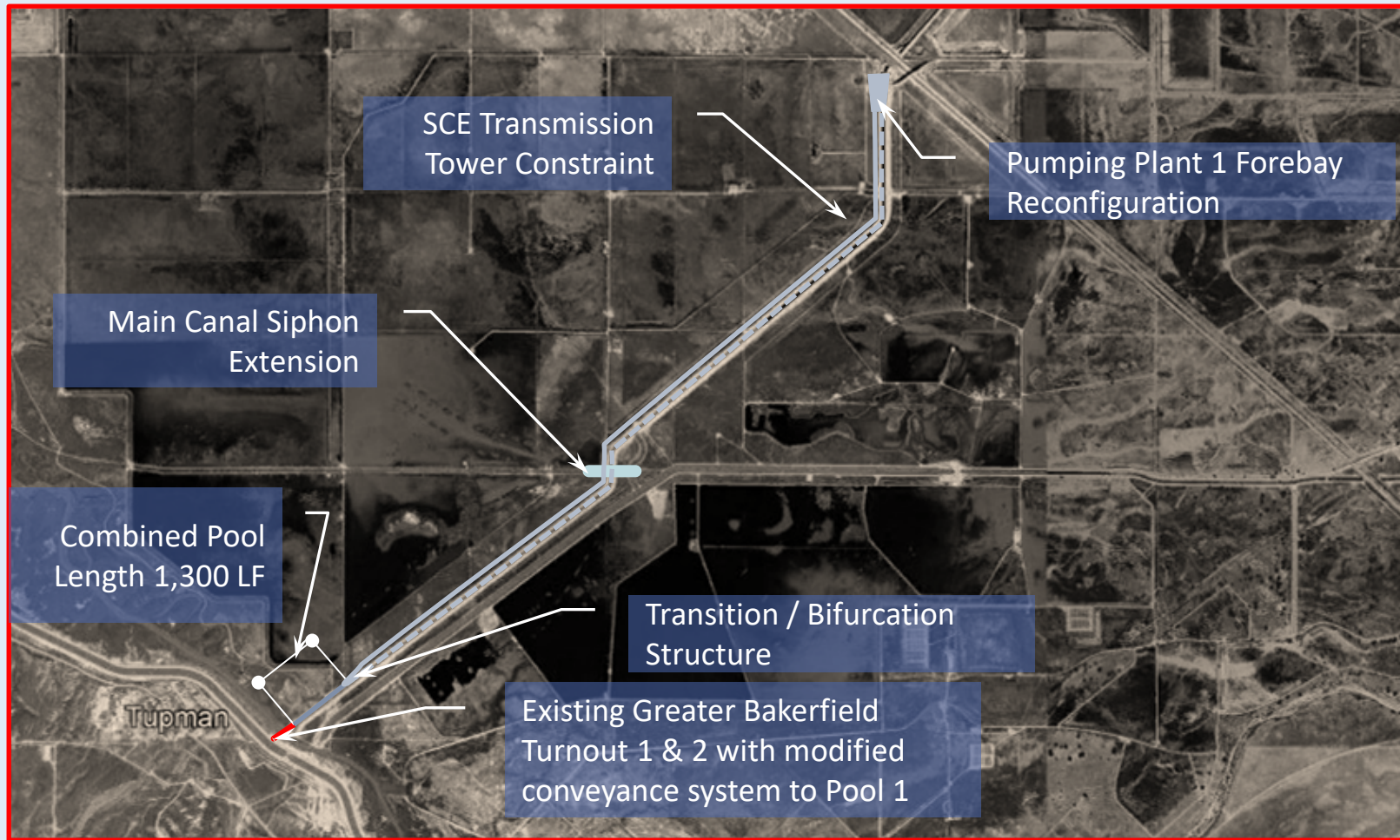
STANDARD OPERATING ORDER PC 600.22 ISSUED 2020 (Current Issue) FOR CHECK 28			
Elevation Datum	Normal Min	Normal (Max Flow)	Abs Max
1929 Datum	296.7	297.7	298.6
1988 Datum	299.7	300.7	301.6

Interim Actions Will Operate the Aqueduct at a Lower Water Surface Elevation than the SOO			
Elevation Datum	SOO Special Conditions WSE	SOO Normal Operating WSE	Interim Actions WSE
1929 Datum	297.53	296.53	296.44
1988 Datum	300.53	299.53	299.44

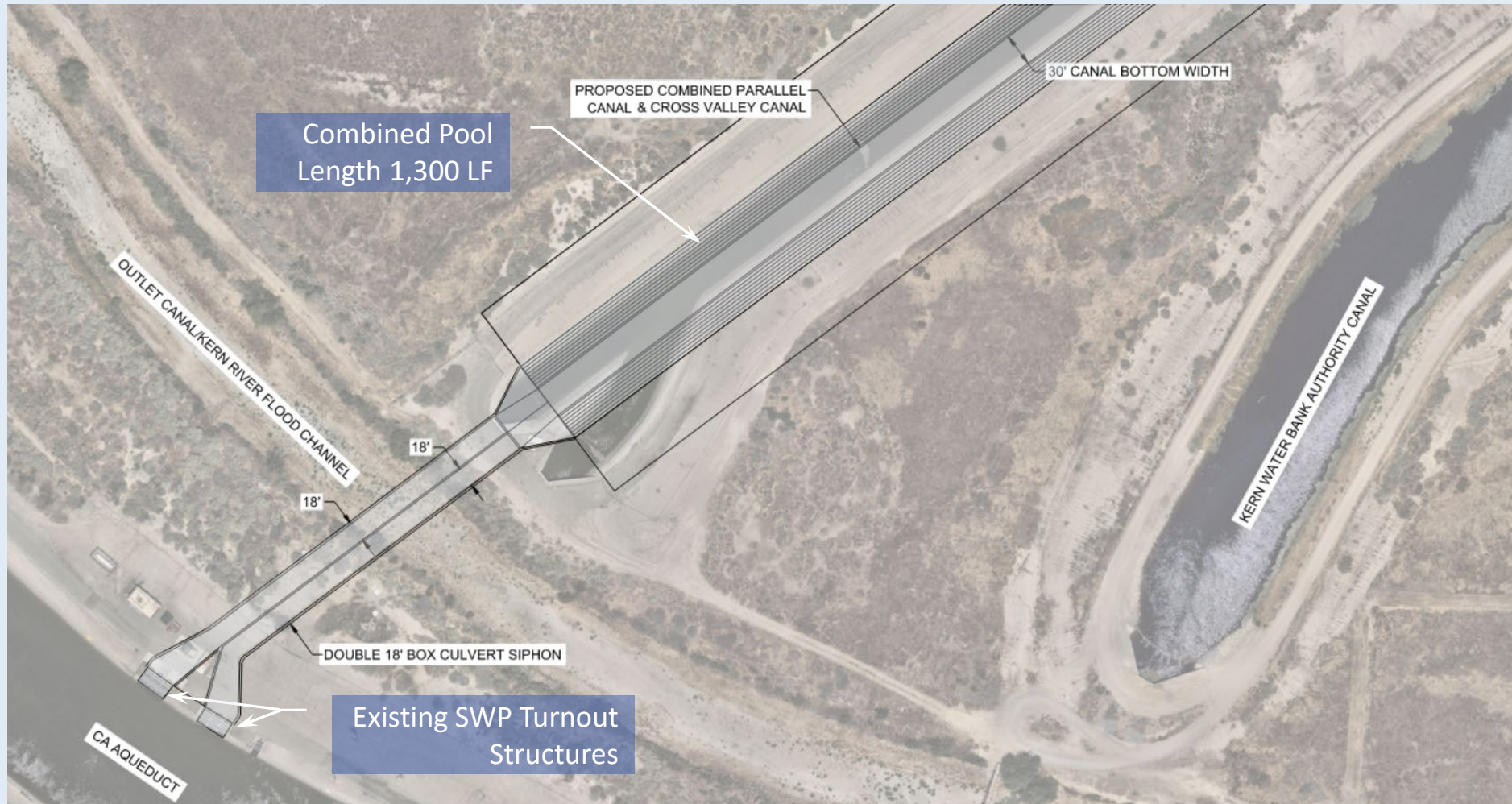
CANAL DESIGN			
Elevation Datum	Normal Min	Normal (Max Flow)	Abs Max
1929 Datum	296.7	297.7	298.7
1988 Datum	299.64	300.7	301.7

# **ALTERNATIVE 5-1**

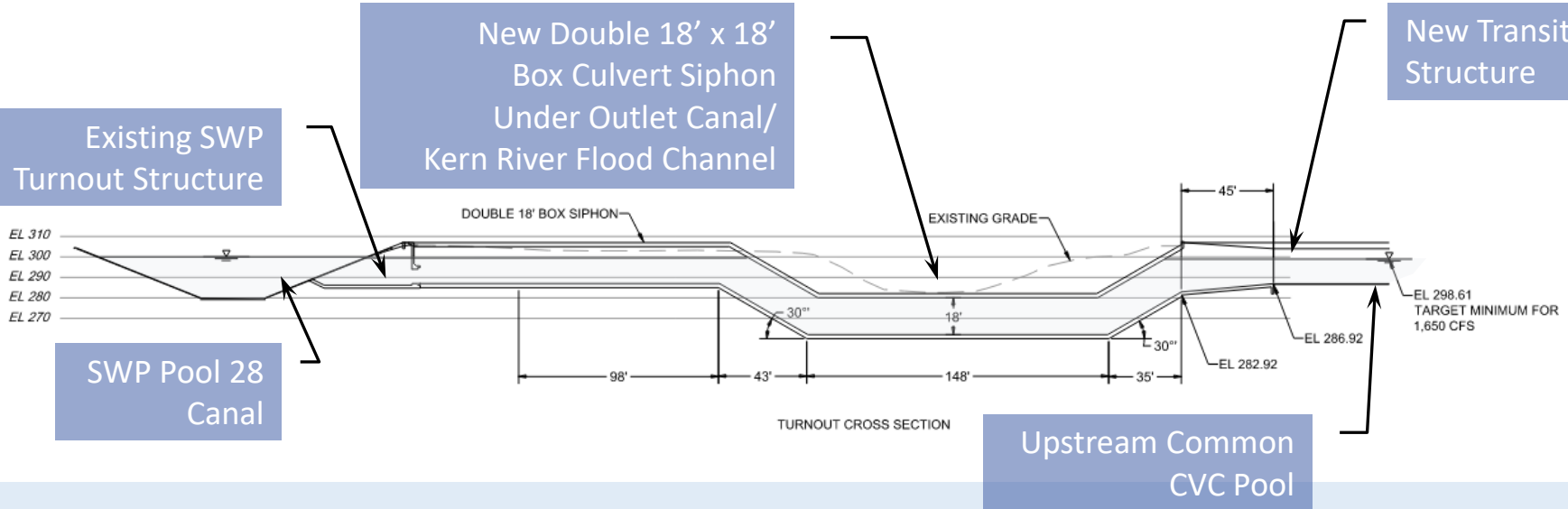
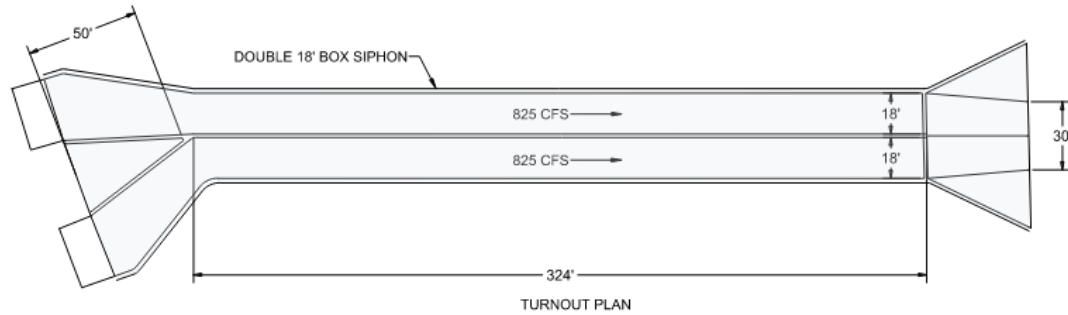
# ALTERNATIVE 5-1 CONCEPTUAL LAYOUT



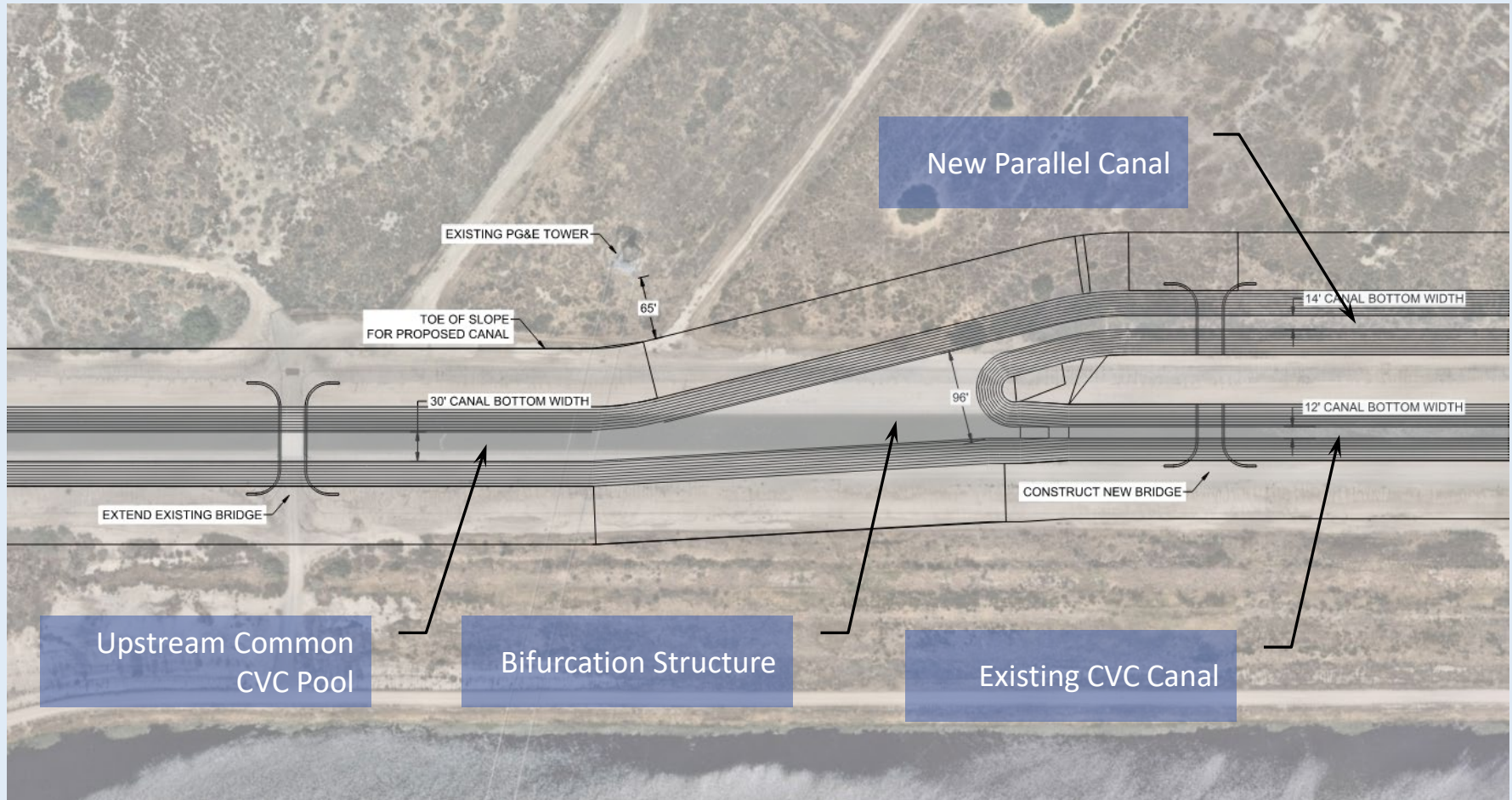
# ALTERNATIVE 5-1 SWP TURNOUT @ POOL 1



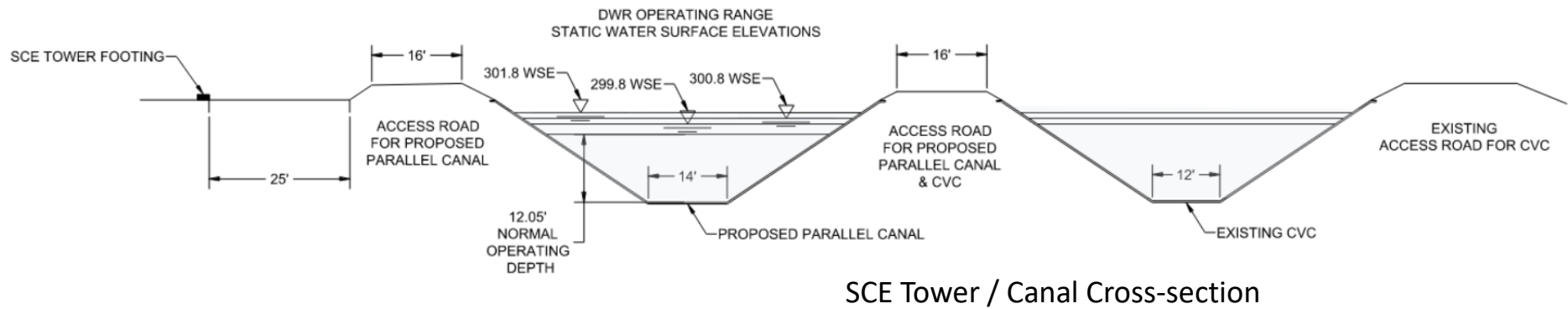
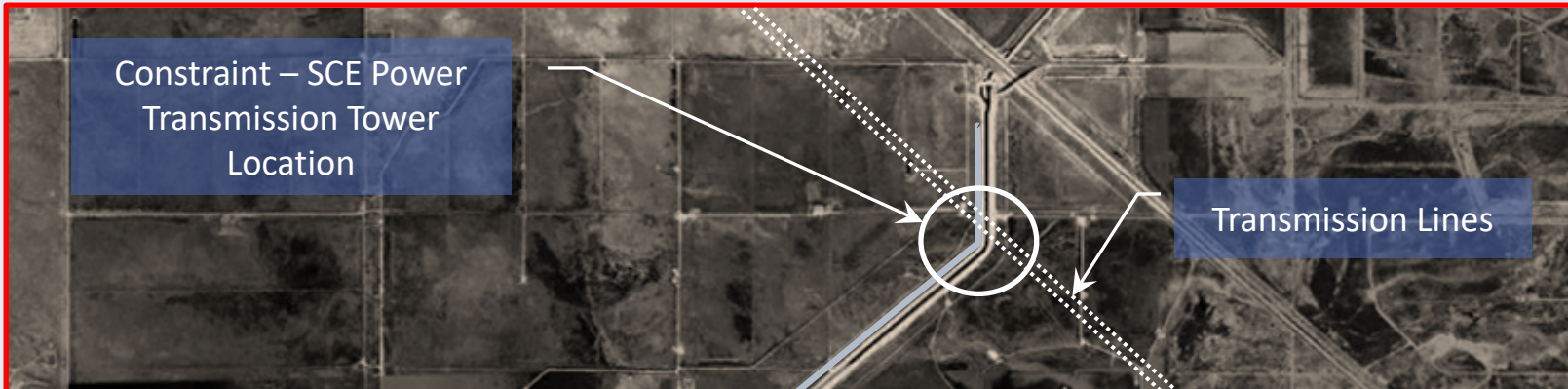
# ALTERNATIVE 5-1 SWP TURNOUT PROFILE @ POOL 1



# ALTERNATIVE 5-1 BIFURCATION LAYOUT

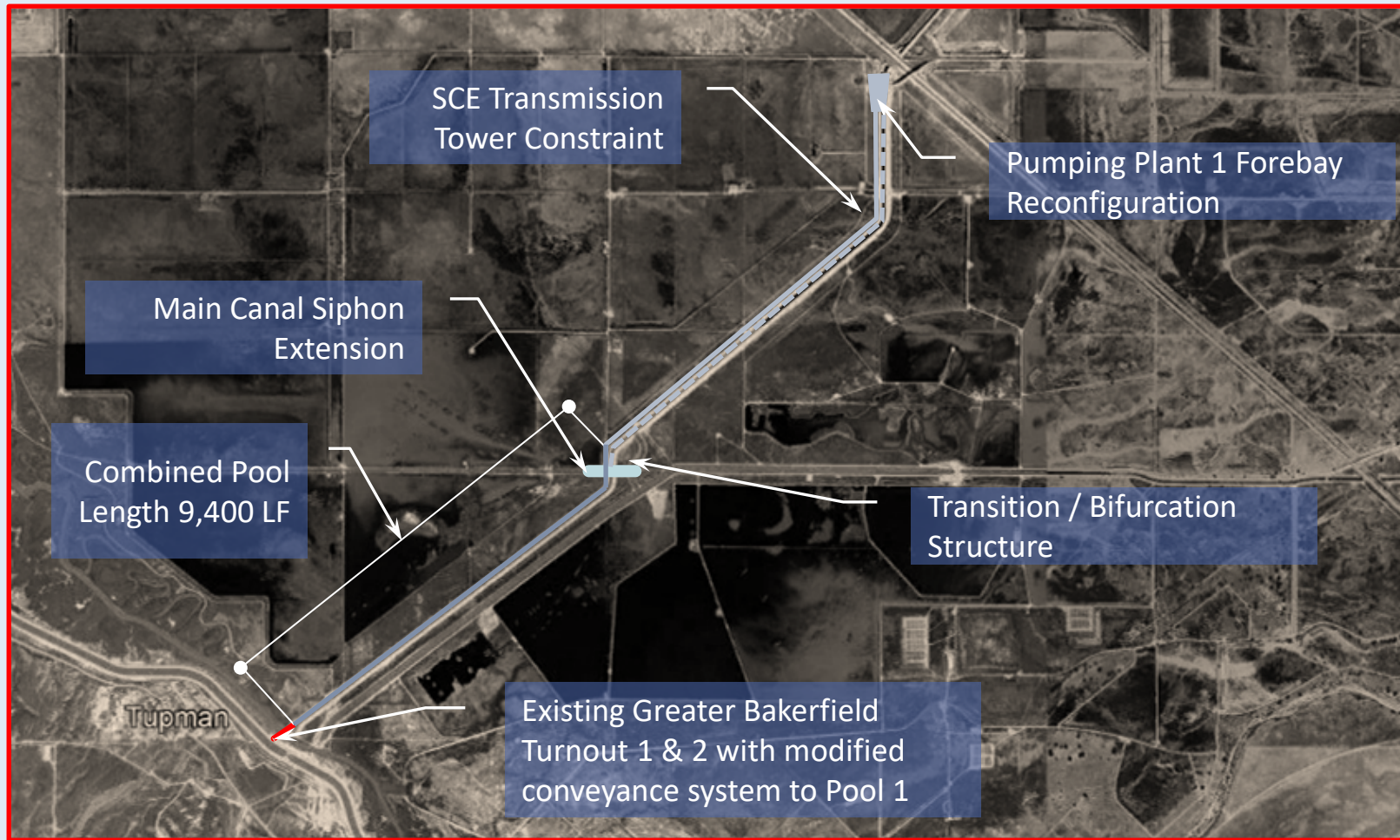


# ALL ALTS: SCE TRANSMISSION TOWER LAYOUT



# **ALTERNATIVE 5-2**

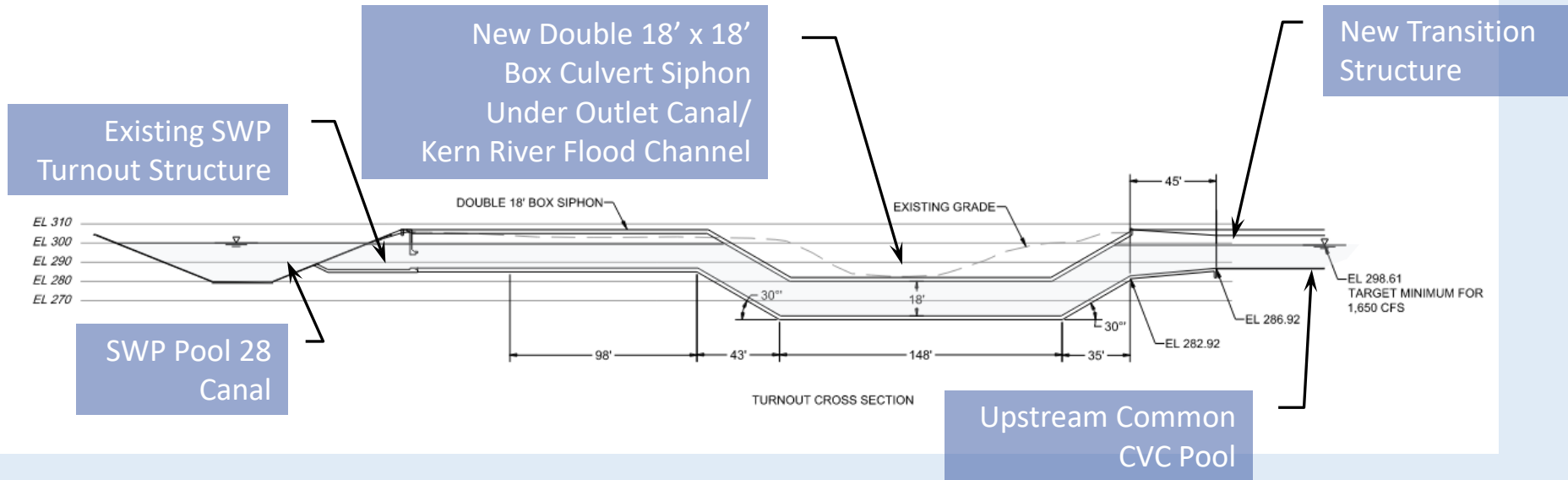
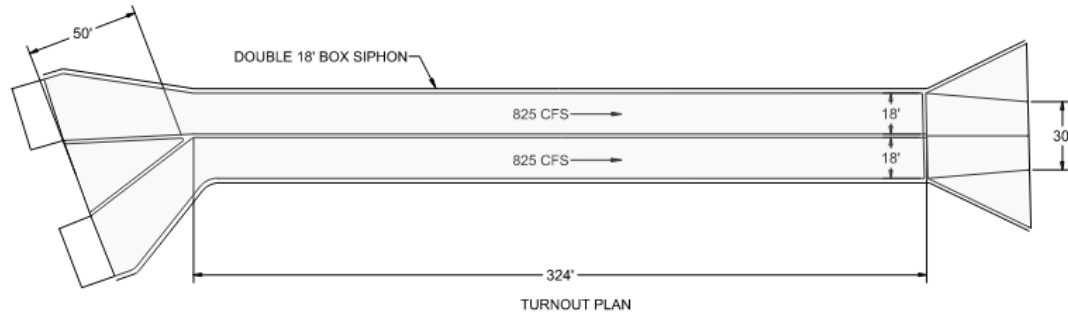
# ALTERNATIVE 5-2 CONCEPTUAL LAYOUT



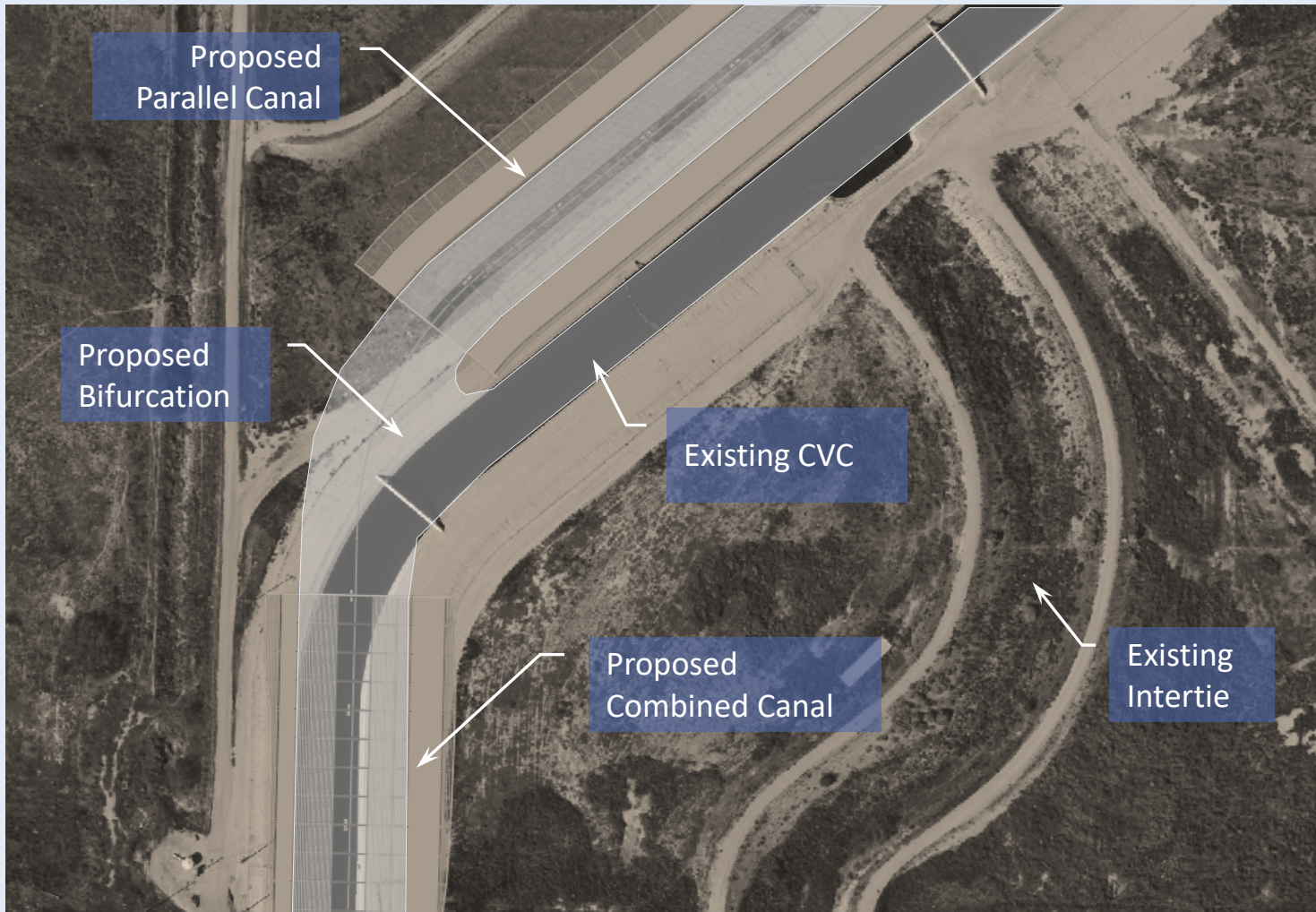
# ALTERNATIVE 5-2 SWP TURNOUT @ POOL 1



# ALTERNATIVE 5-2 SWP TURNOUT PROFILE @ POOL 1

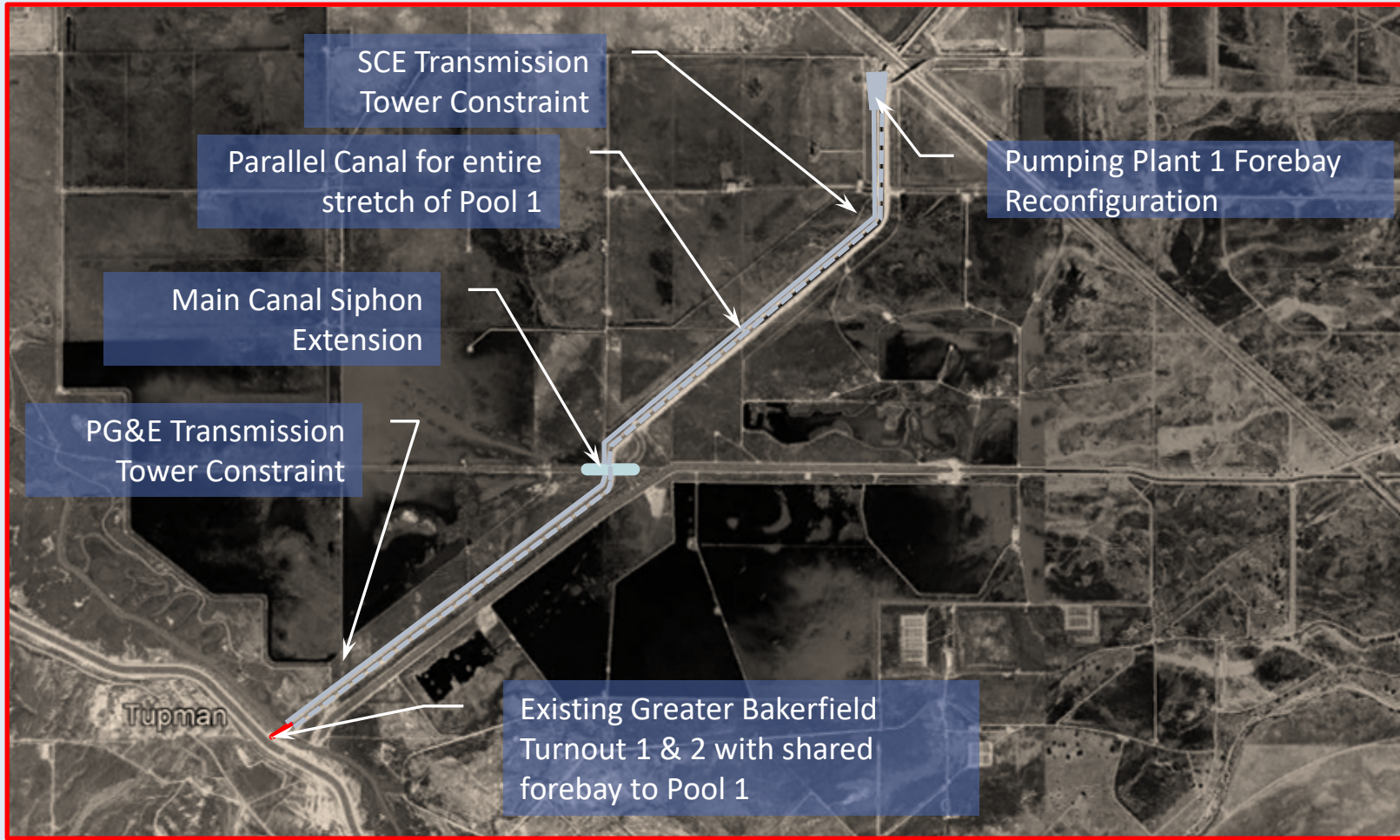


# ALTERNATIVE 5-2 BIFURCATION LAYOUT

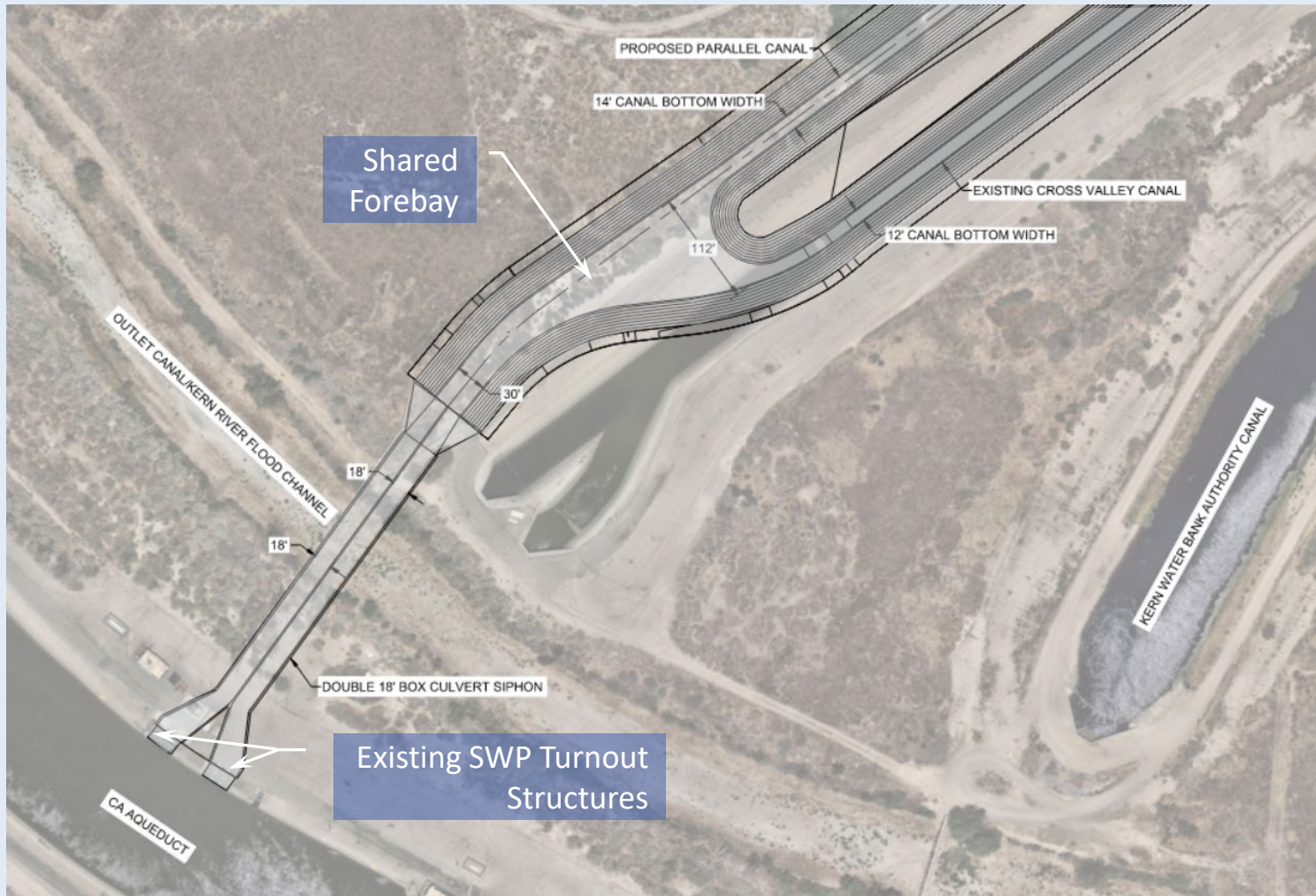


**ALTERNATIVE 5-3**

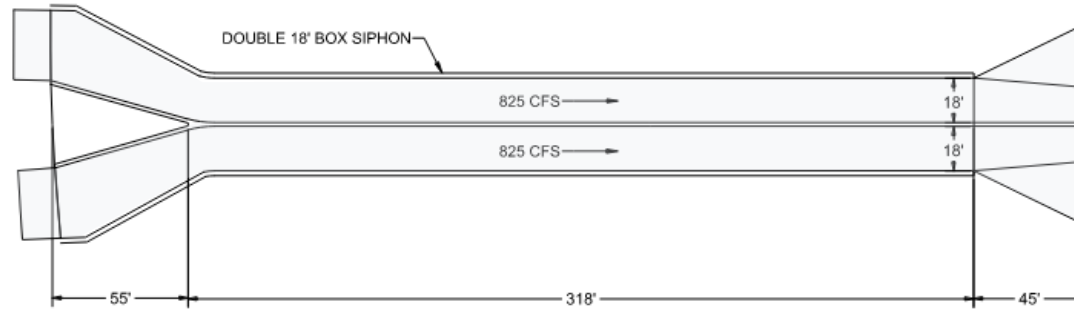
# ALTERNATIVE 5-3 CONCEPTUAL LAYOUT



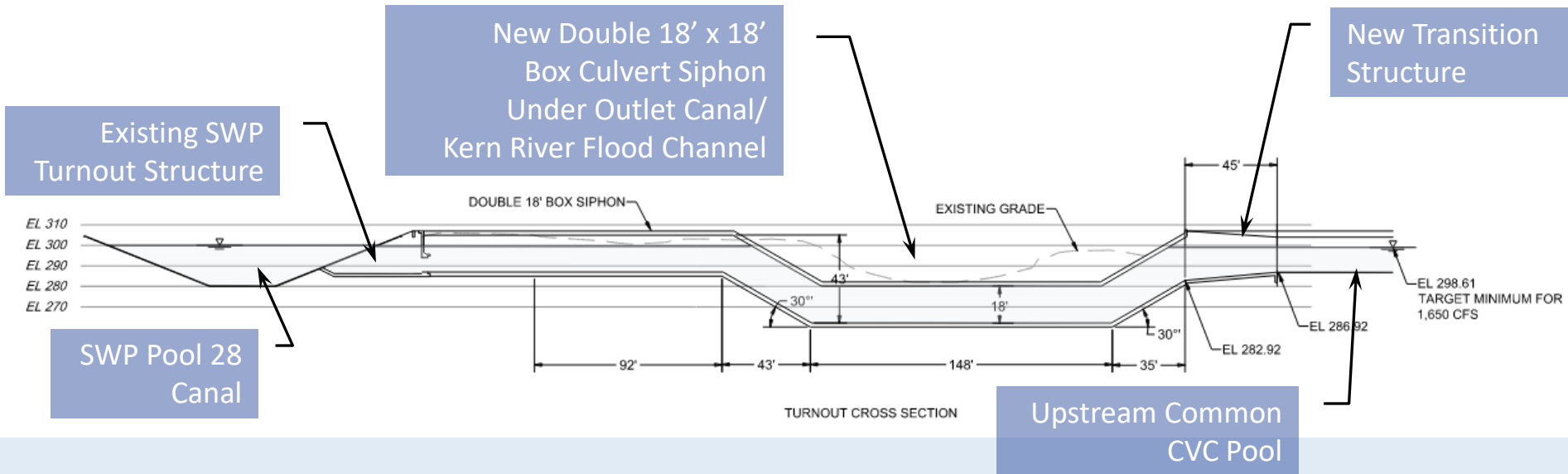
# ALTERNATIVE 5-3 SWP TURNOUT @ POOL 1



# ALTERNATIVE 5-3 SWP TURNOUT @ POOL 1

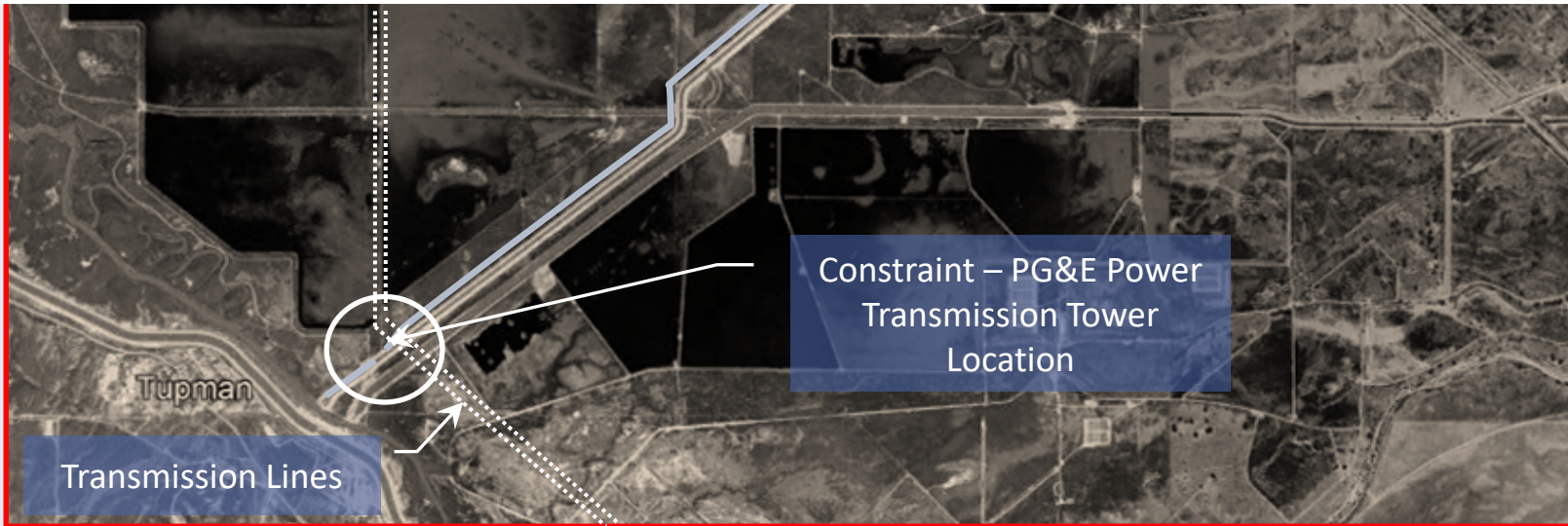
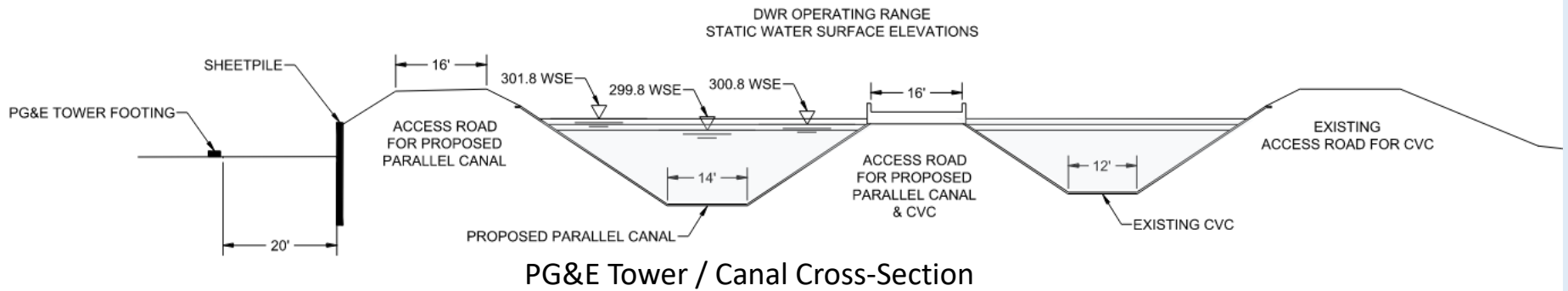


TURNOUT PLAN

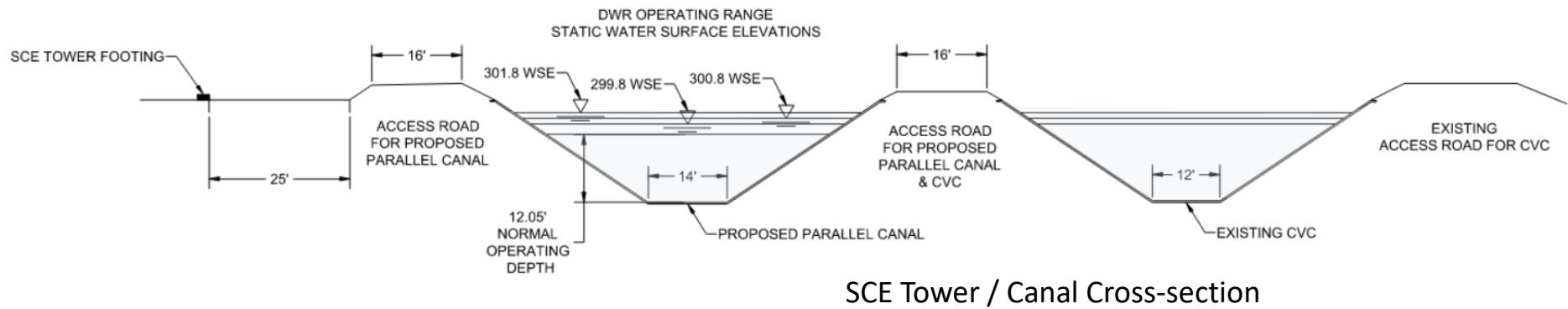
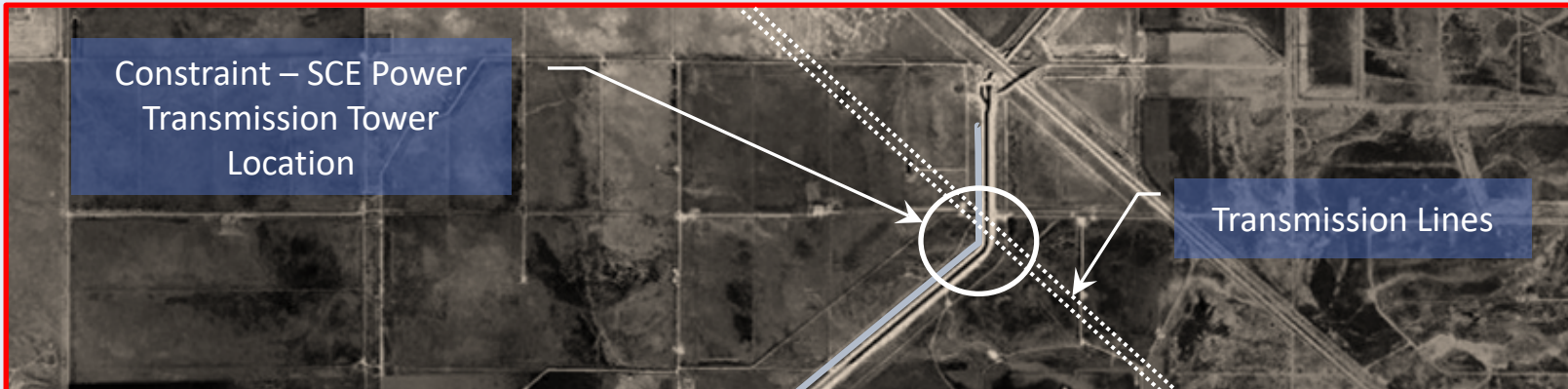


TURNOUT CROSS SECTION

# ALTERNATIVE 5-3 PG&E TRANSMISSION TOWER LAYOUT



# ALL ALTS: SCE TRANSMISSION TOWER LAYOUT





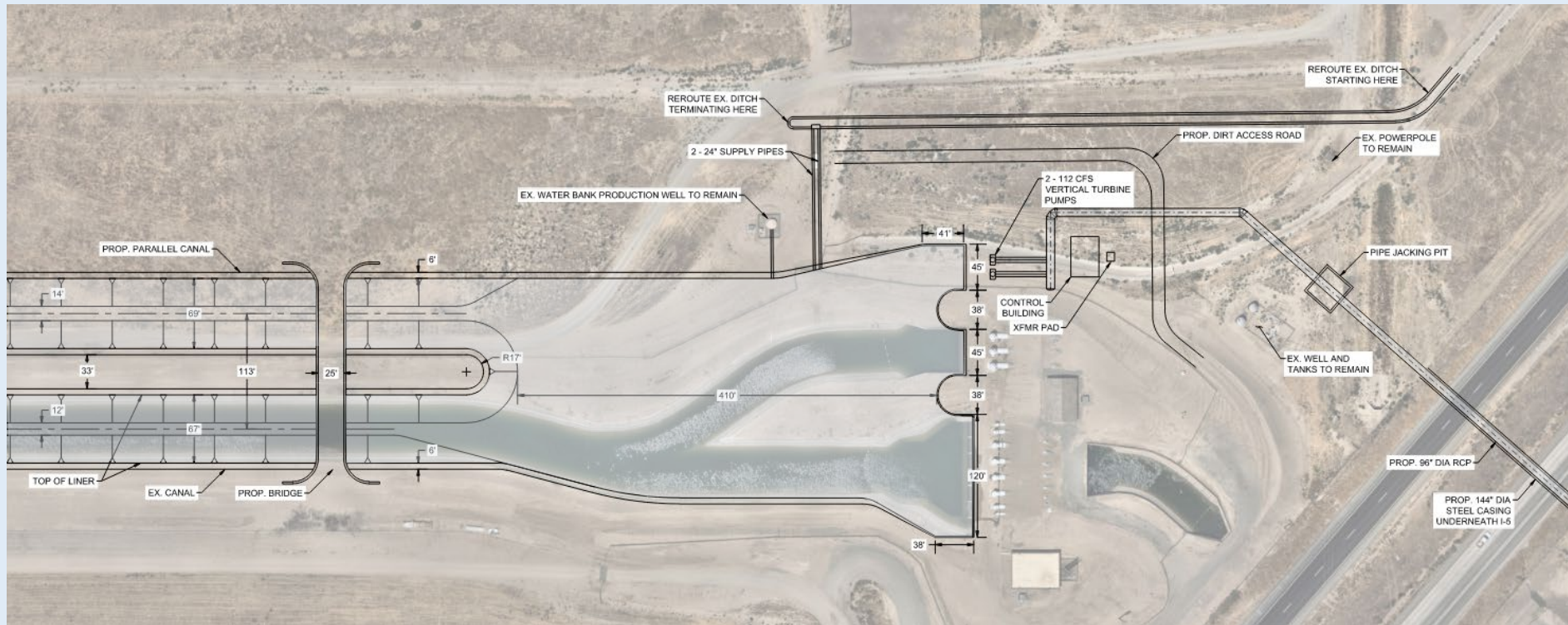
# ALL ALTS: SCE TRANSMISSION TOWER LAYOUT



# ALL ALTS: PUMPING PLANT 1 FOREBAY LAYOUT

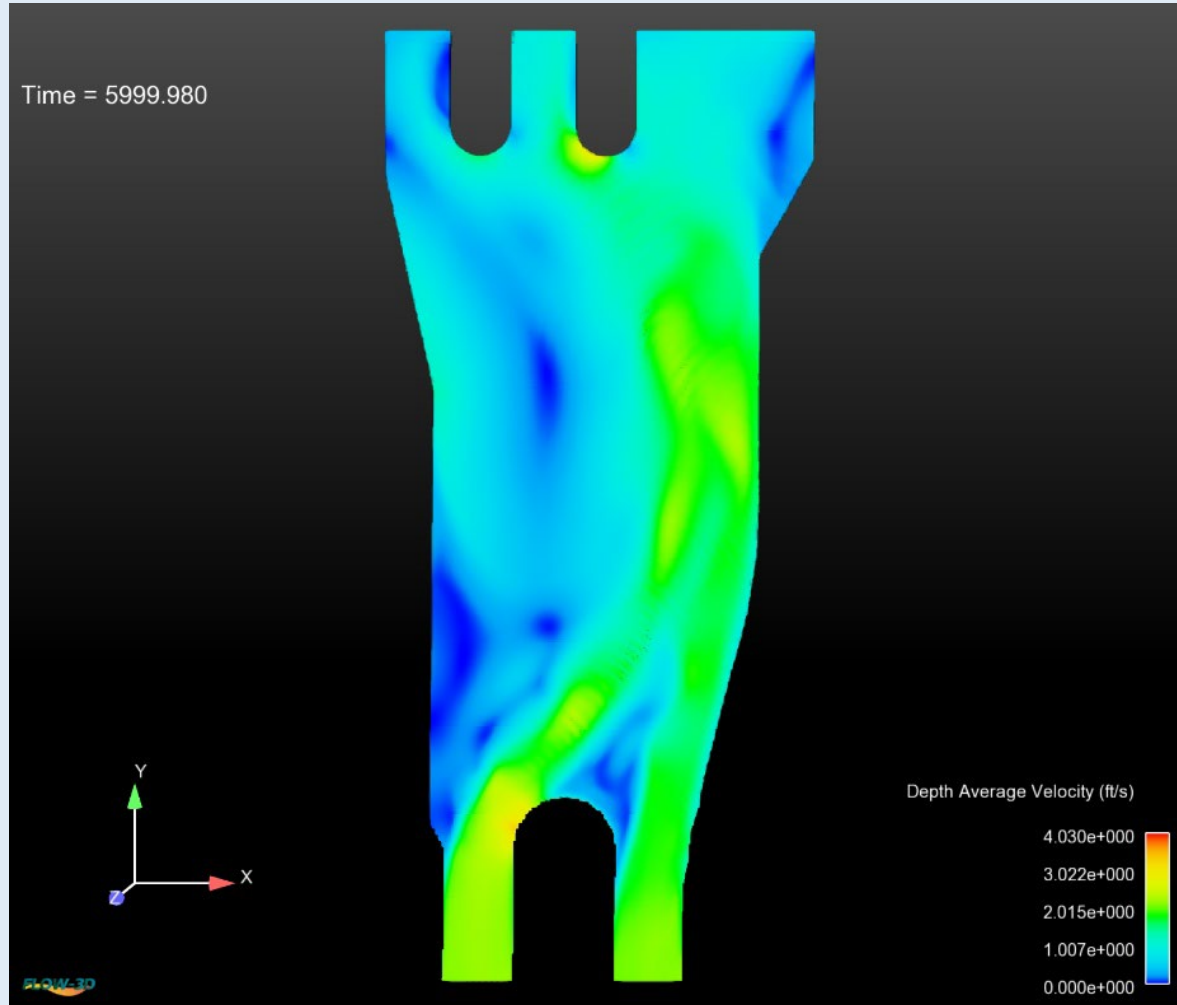


# PUMP STATION 1 IMPROVEMENTS



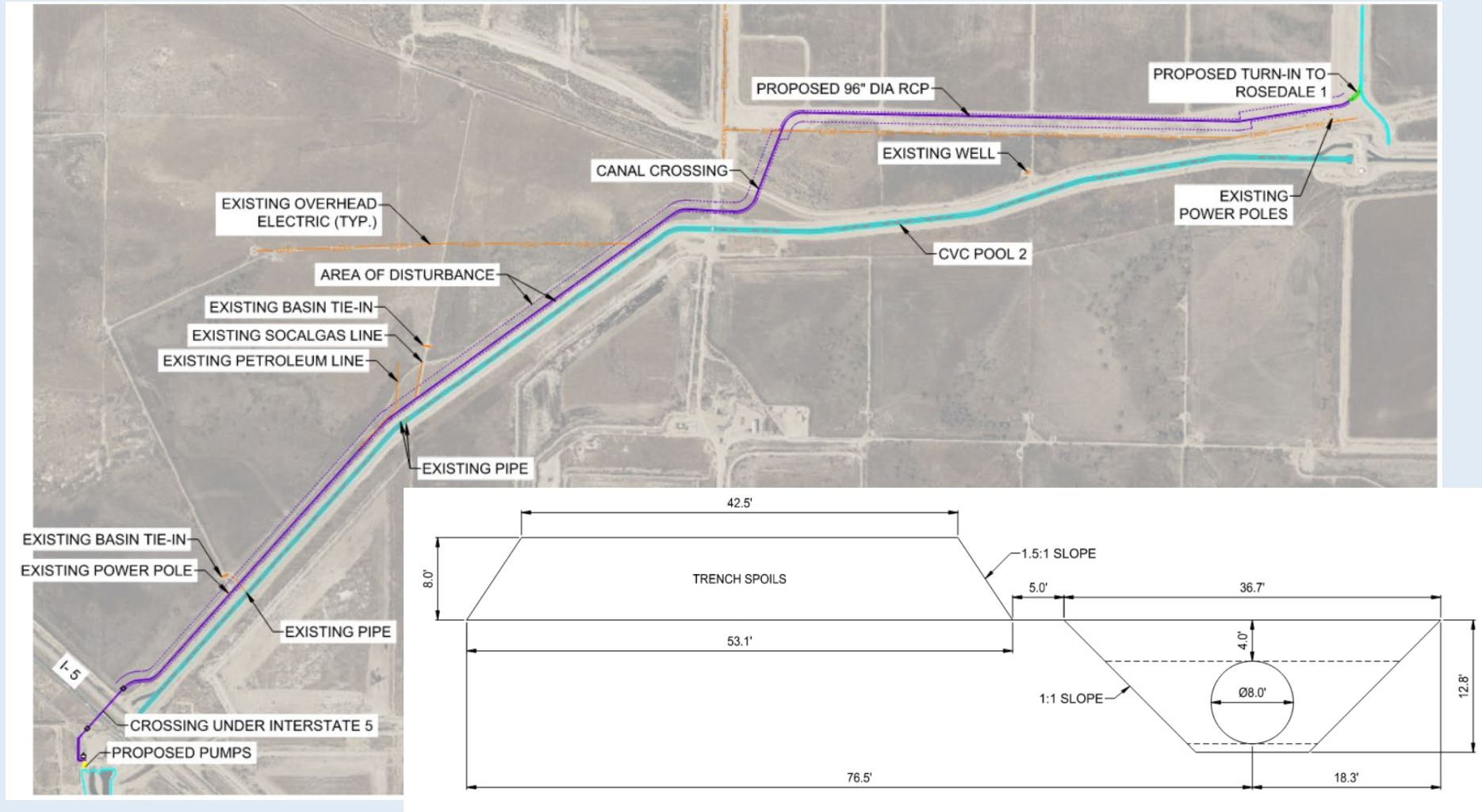


# PUMP STATION 1 - CFD MODELING

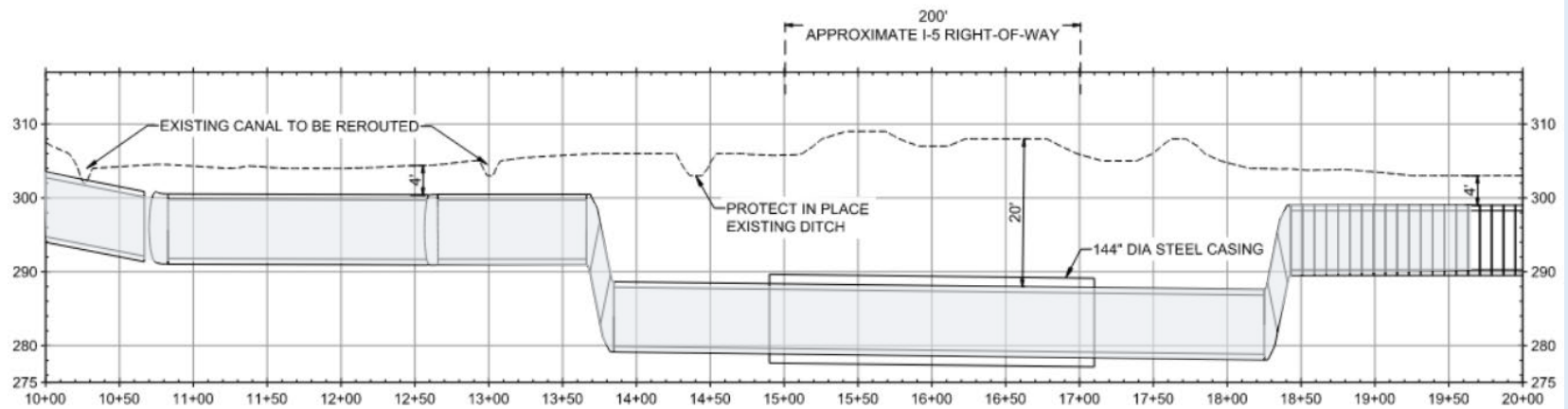
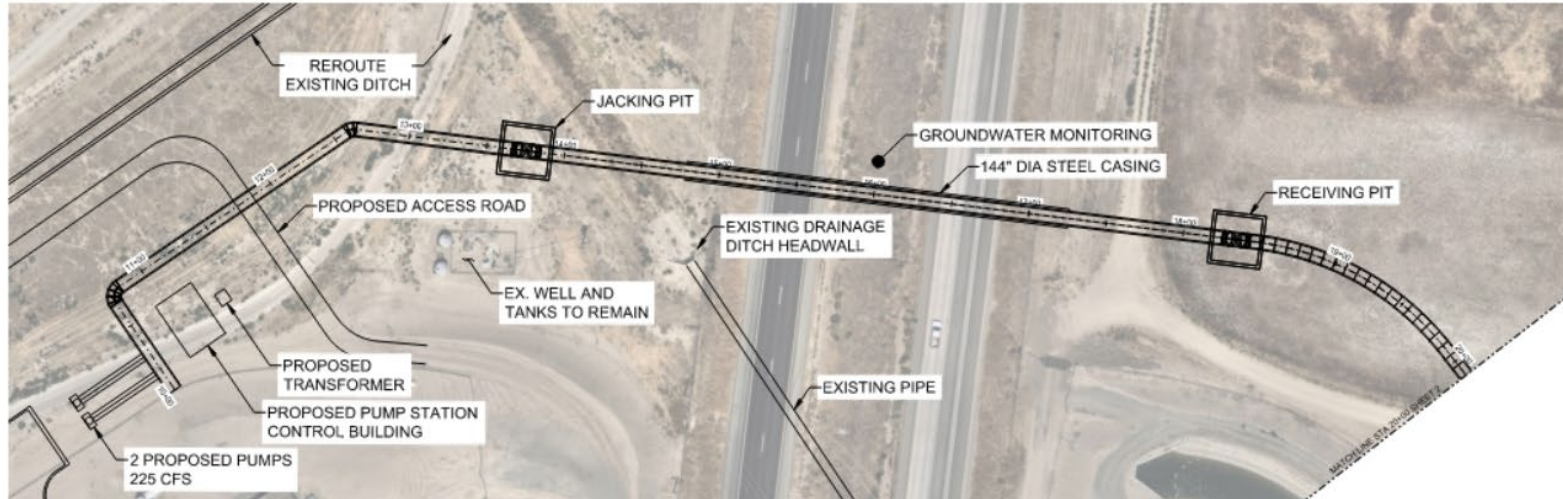


# **POOL 2 PIPELINE CONVEYANCE**

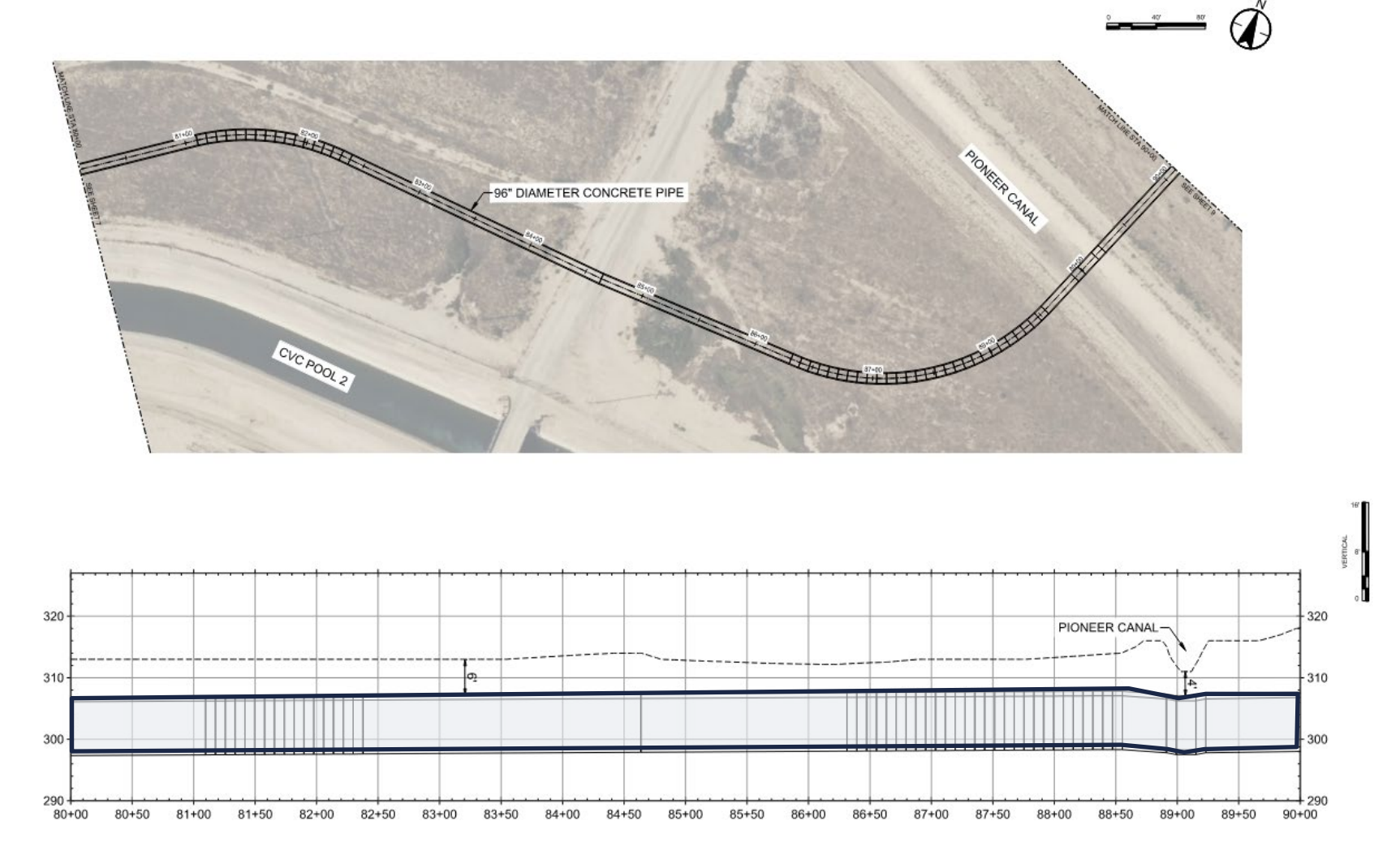
# POOL 2 PIPELINE - OVERALL



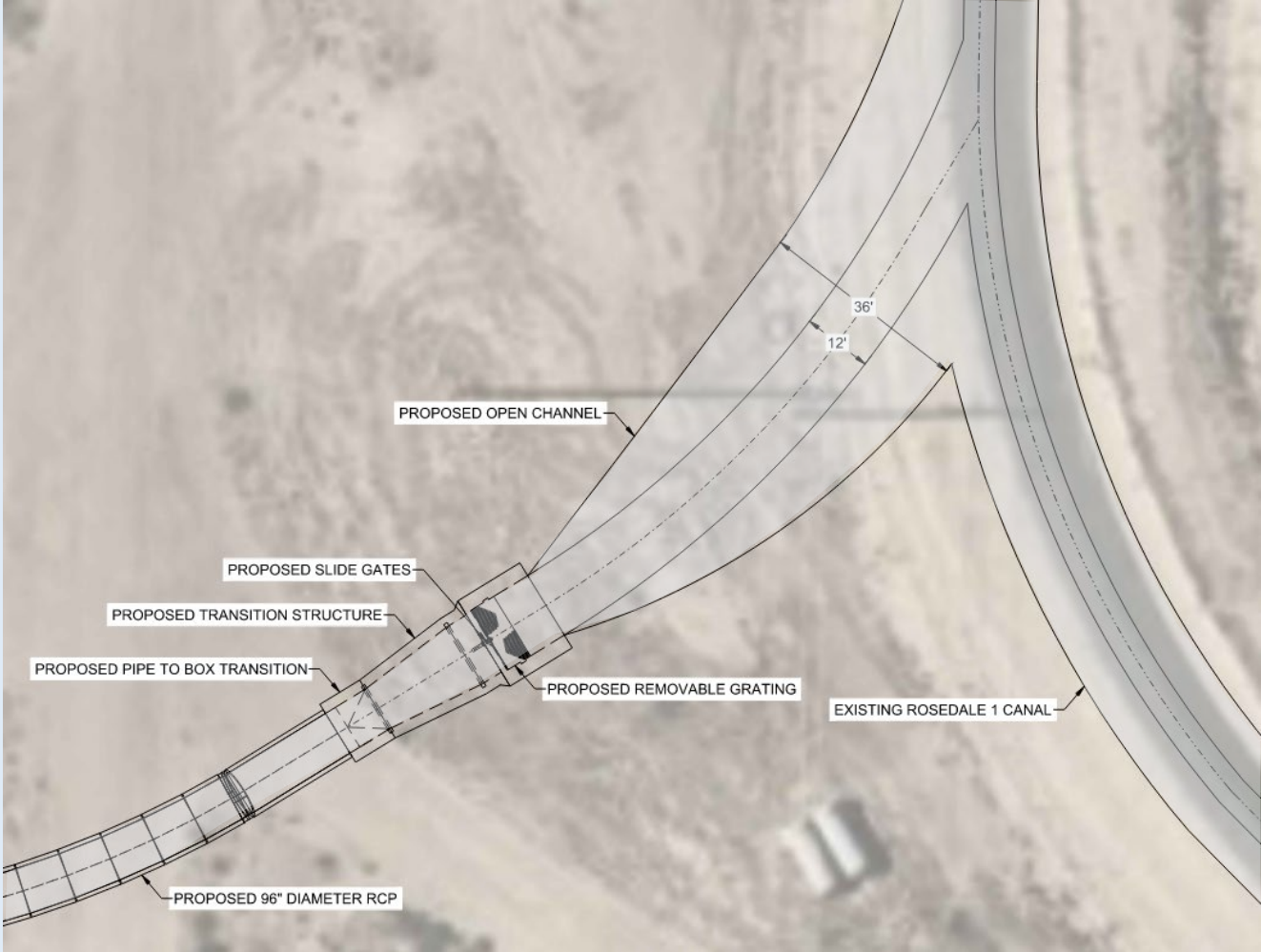
# I-5 PIPELINE CROSSING EXHBIT



# PIONEER CANAL CROSSING EXHIBIT

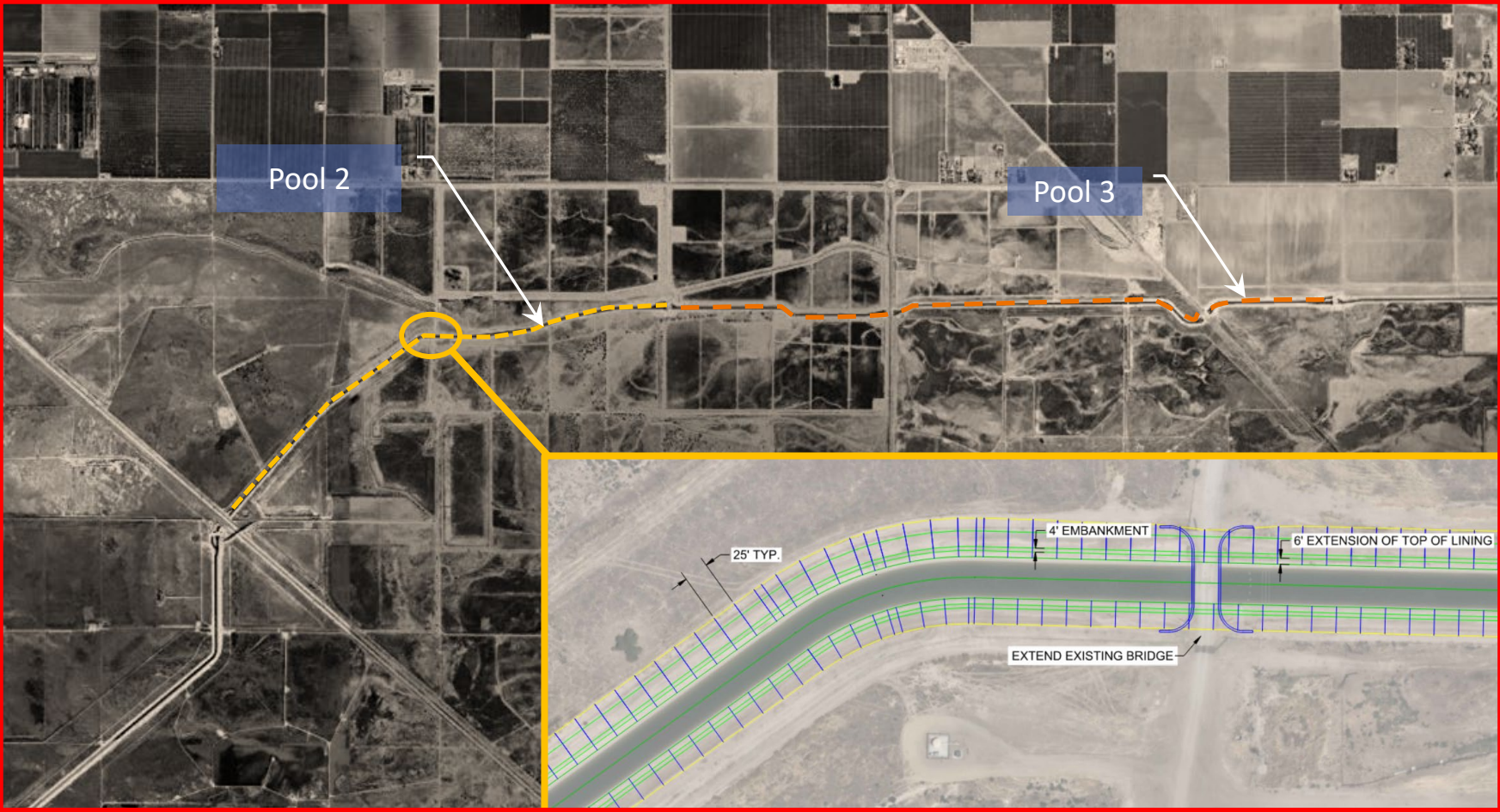


# ROSEDALE 1 INTAKE EXHIBIT



# **POOL 2 & 3 LINER RAISE REQUIREMENTS**

# POOLS 2 & 3 LINER RAISE - OVERALL EXHIBIT



# PUMP STATION IMPROVEMENTS



# **SUMMARY OF PROJECT COSTS**



# COMPARISON OF ALTERNATIVES

DESCRIPTION	ALT 5-1	ALT 5-2	ALT 5-3
Excavation	353k	382k	338k
Impact to Tule Elk Res	No	No	Yes
Additional ROW – Canal Lett	Medium	Least	Most
Constructability	Medium	Least	Best
Canal Bypass Costs	Medium	Most	Least
Time or Flow Restrictions during Construction	Medium	Most	Least
Total Costs	Medium	High	Low



# PROJECT COSTS

DESCRIPTION	ALT 5-1	ALT 5-2	ALT 5-3
<b>TOTAL MATERIAL AND LABOR COSTS</b>	<b>\$78,175,000</b>	<b>\$82,571,000</b>	<b>\$73,316,000</b>
CONTRACTOR OVERHEAD AND PROFIT (18%)	\$14,071,500	\$14,862,780	\$13,196,880
ENGINEERING (6%)	\$5,534,790	\$5,846,027	\$5,190,773
CONSTRUCTION MANAGEMENT AND INSPECTION (8%)	\$7,379,720	\$7,794,702	\$6,921,030
UPPER CONTIGENCY (25%)	\$26,290,253	\$27,768,627	\$24,656,171
LOWER CONTIGENCY (-10%)	(\$10,516,101)	(\$11,107,451)	(\$9,862,468)
BONDS AND INSURANCE (3%)	\$2,767,395	\$2,923,013	\$2,595,386
<b>TOTAL PROJECT COST (UPPER BOUNDARY)</b>	<b>\$121,304,148</b>	<b>\$128,125,421</b>	<b>\$113,764,437</b>
<b>TOTAL PROJECT COST (LOWER BOUNDARY)</b>	<b>\$84,497,794</b>	<b>\$89,249,342</b>	<b>\$79,245,798</b>



## ENGINEERING TEAM NEXT STEPS

- Finalize Design Criteria for Liner Raises
- Value Engineering Respective of Overall Project Costs
- Prepare the Draft Feasibility Report
- Review with Project Team
- Finalize Feasibility Report
- Presentation to CVC Participants Results of Feasibility Report



## PERMITTING TEAM UPDATE

- GIS Tool
- Updates
- Agreements, Easements, and Permits
- Environmental Analysis

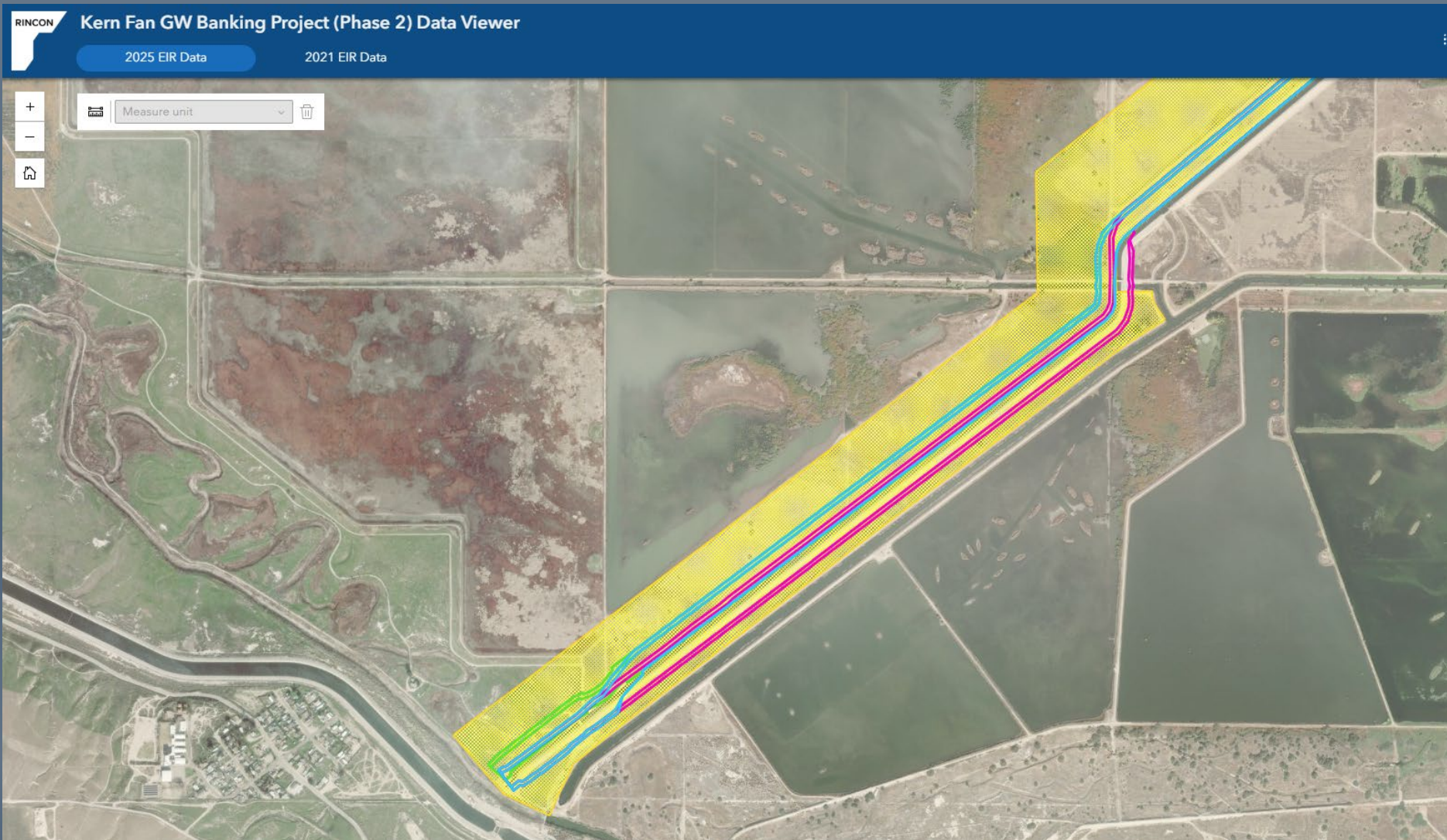


# ROW GIS TOOL – Alt 5 Potential Alignments



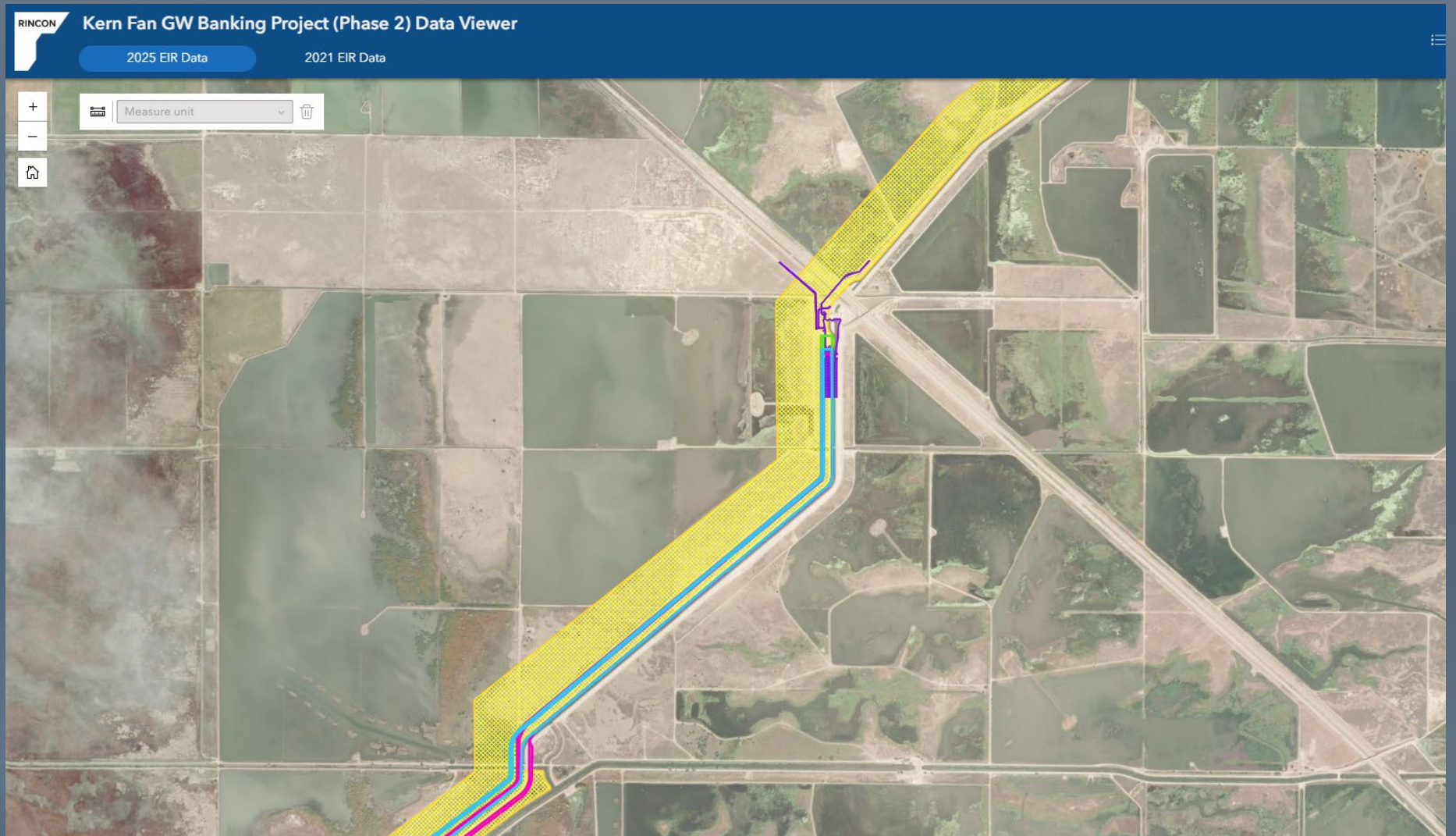


# ROW GIS TOOL – CVC Pool 1





# ROW GIS TOOL – CVC Pool 1



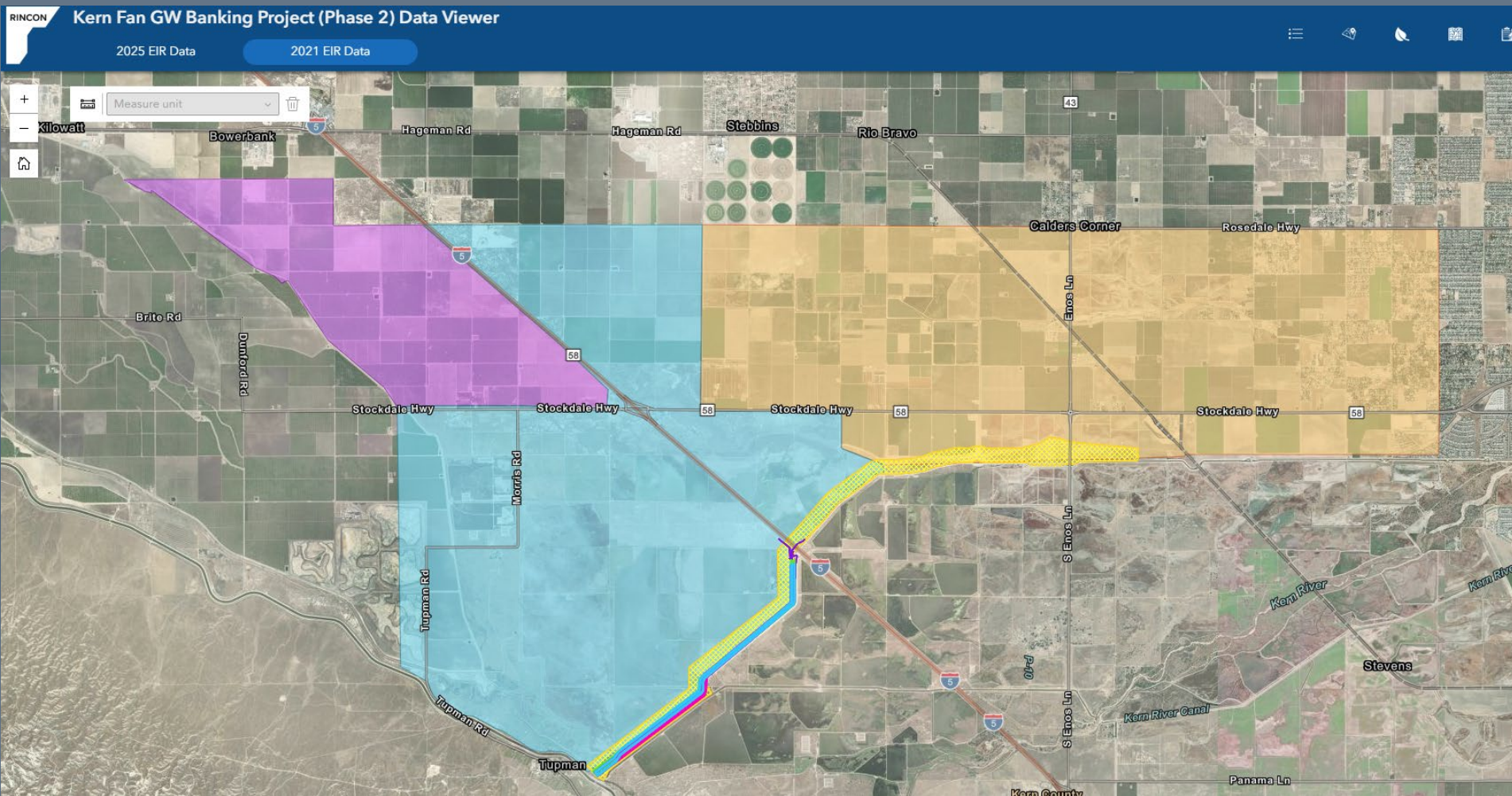


# ROW GIS TOOL – CVC Pool 2





# ROW GIS TOOL – 2021 EIR DATA Overlay





## PERMITTING TEAM UPDATES

### SINCE LAST MEETING

- Met with Cal State Parks to discuss the three alternative footprints for the Alt 5 crossing of Tule Elk Reserve.
  - Staff was open to discussions pertaining to potential crossing
  - Laid out process for easements, encroachment permits
  - Shared existing environmental documents for their review.
  - Highlighted tribal/cultural concerns within the area north of the CVC. State Parks staff to be performing site walks to identify potential areas of concern.
- Continued development of a GIS map tool that both teams can use to reflect information gathered from State Parks, KWB, other entities, and previous studies.
- Engaged consultant to perform biological surveys (spring and fall) to align with project timeline and avoid any delays. Working with KWB for encroachment permit for access.



# AGREEMENTS, EASEMENTS & PERMITS

## AGREEMENTS

- DWR – Turnout, Operations
- KCWA – Construction/Turnout, Operations

## EASEMENTS

- DWR – Construction (may be covered under agreements)
- KWB – Pending final location of Alt 5 footprint
- CA State Parks – Pending final location of Alt 5 footprint

## PERMITS

- DWR - Encroachment permits for ROW access during construction
- KCWA - Encroachment permits for ROW access during construction
- KWB - Encroachment permits for ROW access during construction
- State of CA – Streambed Alteration Permit (Outlet Canal), LSAA, 401, 404 Permit?
- CalTrans – Pending final location of Alt 5 footprint



# ENVIRONMENTAL ANALYSIS

## CURRENT STATUS

- Project remains in the early planning and feasibility stage
- Pending final location of Alt 5 footprint
- Environmental review has not yet been initiated

## EXISTING CEQA DOCUMENTATION

- The Kern Fan Groundwater Storage Project EIR provides relevant background and analysis
- Depending on the final project definition, this phase may tier from or reference the Kern Fan Project EIR, as appropriate
- This approach will be evaluated with environmental consultants and will be consistent with CEQA Guidelines

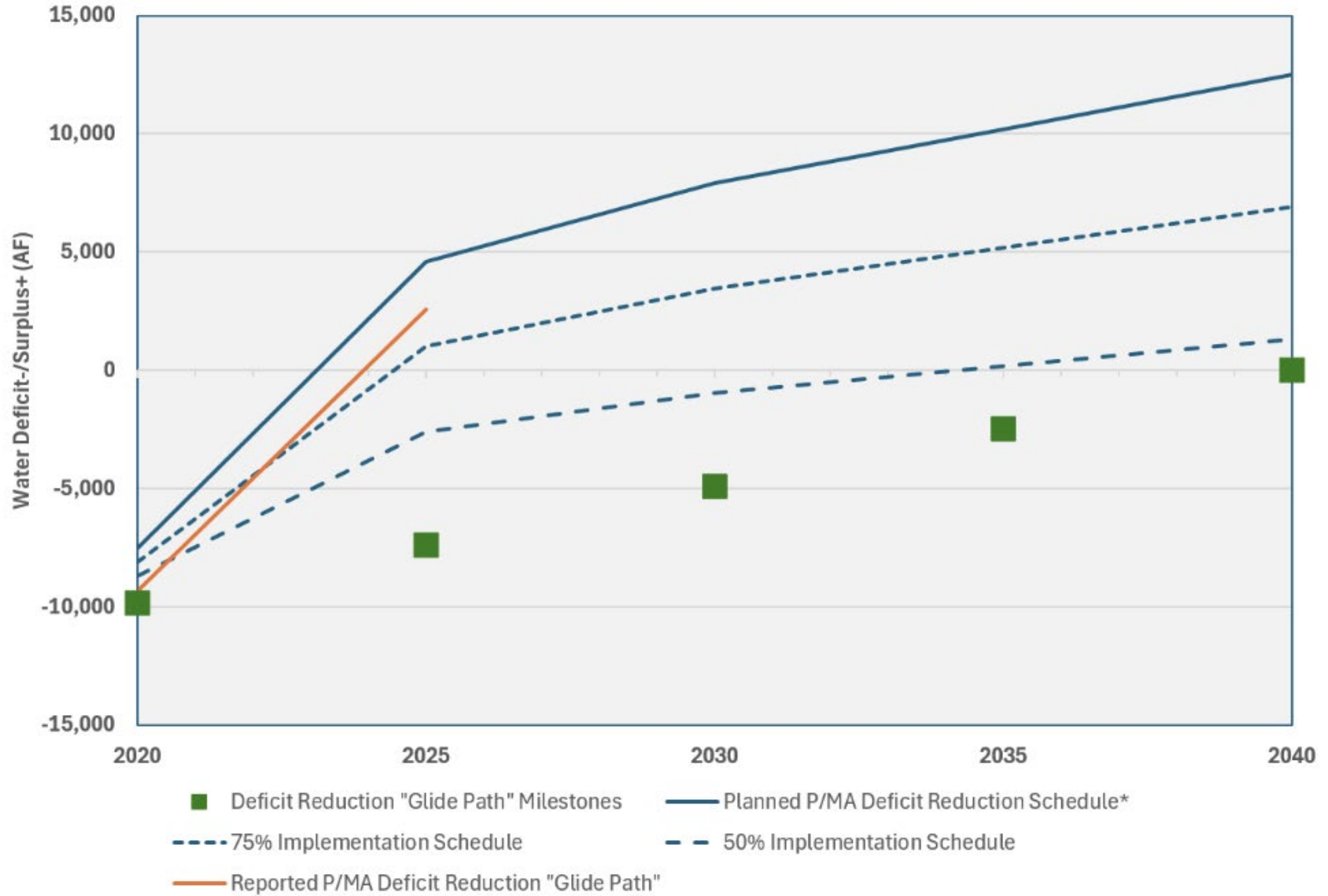
## NEXT STEPS

- Develop a detailed project description to support the determination of the appropriate CEQA pathway, if any (Rincon)
- Initiate environmental review once project characteristics and potential impacts are better understood

A scenic photograph of a sunset over a calm lake. The sky is filled with soft, colorful clouds in shades of orange, yellow, and blue. The sun is low on the horizon, creating a bright glow. The water reflects the sky and the silhouettes of trees and a large tree on the left. A dark, semi-transparent horizontal bar is overlaid across the middle of the image, containing the text.

**Questions/Feedback**

# RRBWSD GSA Deficit Reduction "Glide Path"





RRBWS D GSA Deficit Reduction "Glide Path"

	2020	2025	2030	2035	2040
Projected Deficit			-9,850		
Target Deficit Reduction (%)	0	25%	50%	75%	100%
<b>Target Deficit Reduction</b>	<b>0</b>	<b>-2,463</b>	<b>-4,925</b>	<b>-7,388</b>	<b>-9,850</b>
<b>Deficit Reduction "Glide Path" Milestones</b>	<b>-9,850</b>	<b>-7,388</b>	<b>-4,925</b>	<b>-2,463</b>	<b>0</b>
<b>Project and Management Action, by Type (AFY)</b>					
Planned Demand Reduction	Land Retirement	520	2,210		
	Demand Reduction	0	1,800		
	Ag to Urban Conversion	0	249		
	Water Conservation-Efficiency	0	0		
<b>Subtotal</b>	<b>520</b>	<b>4,259</b>	<b>0</b>	<b>0</b>	<b>0</b>
Planned Water Supply Augmentation	Supplemental Water Recharge	0	0		
	Supplemental Water Use	0	0		
	Third-Party Banking	0	6,261		
	New Local Supply	0	0		
Exercise of Rights	0	1,895			
<b>Subtotal</b>	<b>0</b>	<b>8,156</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>P/MA Implementation Reported</b>	<b>520</b>	<b>12,415</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>P/MA Implementation Schedule*</b>	<b>2,311</b>	<b>14,460</b>	<b>17,753</b>	<b>20,053</b>	<b>22,353</b>
<b>Planned P/MA Deficit Reduction Schedule*</b>	<b>-7,539</b>	<b>4,610</b>	<b>7,903</b>	<b>10,203</b>	<b>12,503</b>
<b>Net Reported Deficit Reduction</b>	<b>520</b>	<b>9,953</b>			
<b>Reported P/MA Deficit Reduction "Glide Path"</b>	<b>-9,330</b>	<b>2,565</b>			

\* Implementation Date includes estimated time to start accruing benefits Target = 0  
 Reported P/MA Benefit from Summary Table

Project and Management Action Implementation Schedule (AFY)

Rosedale-Rio Bravo WSD GSA Projected-Future Scenario					
Deficit Reduction "Glide Path" 354.44 (b)(2)					
	2020	2025	2030	2035	2040
Projected Deficit			-9,850		
Target Deficit Reduction (%)	0	25%	50%	75%	100%
<b>Target Deficit Reduction</b>	<b>0</b>	<b>-2,463</b>	<b>-4,925</b>	<b>-7,388</b>	<b>-9,850</b>
<b>Deficit Reduction "Glide Path" Milestones</b>	<b>-9,850</b>	<b>-7,388</b>	<b>-4,925</b>	<b>-2,463</b>	<b>0</b>
<b>Project and Management Action, by Type (AFY)</b>					
Planned Demand Reduction	Land Retirement	578	2,167	2,620	2,620
	Demand Reduction	0	3,300	5,600	7,900
	Ag to Urban Conversion				
	Water Conservation-Efficiency				
<b>Subtotal</b>	<b>578</b>	<b>5,467</b>	<b>8,220</b>	<b>10,520</b>	<b>12,820</b>
Planned Water Supply Augmentation	Supplemental Water Recharge				
	Supplemental Water Use				
	Third-Party Banking	1,733	2,993	3,533	3,533
	New Local Supply				
Exercise of Rights		6,000	6,000	6,000	6,000
<b>Subtotal</b>	<b>1,733</b>	<b>8,993</b>	<b>9,533</b>	<b>9,533</b>	<b>9,533</b>
<b>P/MA Implementation Schedule*</b>	<b>2,311</b>	<b>14,460</b>	<b>17,753</b>	<b>20,053</b>	<b>22,353</b>
<i>Total As-Needed P/MA Deficit Benefits</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>13,157</i>	<i>14,283</i>
<b>Planned P/MA Deficit Reduction Schedule*</b>	<b>-7,539</b>	<b>4,610</b>	<b>7,903</b>	<b>10,203</b>	<b>12,503</b>

\* Implementation Date includes estimated time to start accruing benefits Target = 0





# Kern County Subbasin – Subsidence Program: Consultant Cost Summary (2026)

Overview of consultant costs for subsidence management

# Summary of Consultant Costs for Subsidence Program Implementation

CONSULTANT	PRIMARY ROLE	PERIOD COVERED	ESTIMATED COST
Todd Groundwater	Sitewide subsidence analysis and Subsidence Subcommittee support	Apr–Dec 2026	\$52,400
INTERA	Friant-Kern Canal subsidence lead; critical head and subbasin support	Apr–Dec 2026	\$92,518
Aquilogic	SGMA technical consulting, TWG support, DWR & CASP coordination, subsidence co-lead for Aqueduct analysis and BMP implementation	Mar–Dec 2026	\$79,000
Total Budget Cost			\$223,918*

\* Excludes EKI approved budget and scope through Dec 2026 of \$107,700 with budget reaming of ~\$78,700

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# KERN NON-DISTRICTED LAND AUTHORITY

## (FORMERLY KERN GROUNDWATER AUTHORITY)

3200 Rio Mirada Drive, Bakersfield, CA 93308  
Meeting of the Board of Directors  
March 23, 2026, 2:00 p.m.

To virtually attend the meeting and to be able to view any presentations or additional materials provided at the meeting, please join online using the link and information below:

<https://us02web.zoom.us/j/87916828311?pwd=MXovFd9w4lFdX8AnOTJBubbKBaglaC.1>

Telephone Dial-in: (669) 900-6833

Meeting ID: 879 1682 8311

Password: 795650

### KERN NON-DISTRICTED LAND AUTHORITY BOARD OF DIRECTORS AGENDA

This meeting is held in accordance with the Brown Act pursuant to Section 54956 of the California Government Code and the Kern Non-Districted Land Authority Joint Powers Agreement.

**1. Roll Call- Quorum Determination.**

In the absence of a quorum, the Board will handle only those items not needing a quorum.

**2. Flag Salute**

**3. Public Input**

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

**4. Approval of Minutes**

- a. \*February 23, 2026

**5. Financial Report**

- a. \*Accounts Payables
- b. \*Subbasin Cost Share Agreement

**6. Administration**

- a. Executive Director Report
- b. Demand Management Update

- 
- 7. DWR Grant Administration**
    - a. Report on Grant Administration (Jason)
  - 8. County of Kern Participation**
    - a. Kern County Participation Ad Hoc Committee Report (Royce)
  - 9. Legal (Valerie)**
    - a. Statewide Update
  - 10. New Business**
  - 11. Correspondence**
  - 12. Closed Session**
  - 13. Adjournment**

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

JPA Regular Board Meeting Minutes  
Kern Non-Districted Land Authority (KNDLA)  
Monday, Feb 23, 2026, at 2:00 p.m.

**JPA DISTRICT REPRESENTATIVES AND ALTERNATES PRESENT**

Andrew Hart, Kern Tulare	Eric McDaris, Kern Water Bank
Barry Watts, RRBWSD	Gary Morris, West Kern
Colby Fry, Wheeler Ridge	Kevin Andrew, North Kern
Dan Waterhouse, Semitropic	Kevin Antongiovanni, Kern Delta
Dave Halopoff, Cawelo	Kris Lawrence, Shafter-Wasco/7 <sup>th</sup> Standard
Debbie Wise, KNDLA	Rob Goff, Westside
Derek Yurosek, AEWSD	Tim Ashlock, BVWSD
Dolores Salgado, TCWD	Wes Shryock, ID4

**JPA DISTRICT REPRESENTATIVES AND ALTERNATES BY TELECONFERENCE**

Brian Grant, Olcese	Angelica Martin, TCWD
Chad Hathaway, Eastside	Donna Semar, ID4

**OTHERS PRESENT/ PARTICIPATING**

Rachelle Echeverria, RRBWSD	Dave Hampton, NKWD
Valerie Kincaid, Paris Kincaid Wasiewski	Austin Snedden
Jenny Holtermann, KNDLA	Dan Raytis
Taylor Blakslee, EWMA	Chisolm Twisselmann
Steven Teglia, KDWD	Michelle Anderson
Jeevan Muhar, AEWSD	Brad Kroeker
Trent Taylor, RRBWSD	Jeff Eklund
Dan Bartel, RRBWSD	Owen
Dave Halopoff, Cawelo WD	

**OTHERS VIRTUAL**

Alan Doud	Morgan Campbell
Alanna Goodell	Rick Iger
Amrit Mangat	Ryo Takanashi
David Cameron	Sam Blue
Doug Gosling	Sheridan Nicholas
Greg Hammett	Stacie Ann Silva
Joe Butkiewicz	Stephanie Hearn
Kate Zeneger	
Steve Torigiani	

**1. Roll Call**

Chairman Watts called the meeting to order at 2:00 p.m. after confirming the presence of a quorum, as required by the JPA Agreement.

**2. Flag Salute**

Completed.

### **3. Public Input**

Brad Kroeker of Starrh Farms presented on an oilfield water matter surrounding parts of his farmland in the western areas of Kern County.

### **4. Approval of Minutes**

a. A motion was made by Director Hart and seconded by Director Salgado to approve the minutes of January 26, 2026, regular board meeting. The motion carried.

### **5. Financial Report**

#### **a. Financial Report & Accounts Payable**

Ms. Holtermann reviewed the deposits and monthly bills. A motion was made by Director Waterhouse and seconded by Director Yurosek to approve the financial report and authorize payment of disbursements as presented. Motion was carried unanimously.

#### **b. Cash Call Request**

Ms. Holtermann presented a cash call request of \$18,040 for a single request for the 2026 budgeted items. Motion was made by Director Hart and seconded by Director Fry. Director Ashlock voted No. All others voted Yes, and the motion carried.

### **6. Administration**

#### **a. Executive Director Report.**

Ms. Holtermann provided a report on the past month's administrative duties, technical assistance application, EWMA Meeting review, Manager Ad Hoc Committee recap, Form 700s, and Subbasin update on cost share discussion.

#### **b. Demand Management Consultant Scope**

Provost and Pritchard presented a proposal for a demand management plan. A motion was made to proceed with Phase One of the plan, made by Director Goff and seconded by Director Waterhouse. Director Hart abstained. Motion carried.

### **7. DWR Grant Administration**

#### **a. Report on DWR Grant Administration**

Mr. Gianquinto updated the board on the progress report #14 to be finalized for a spring close-out of the grant.

### **8. County of Kern Participation**

#### **a. Kern County Participation Ad hoc Committee Report**

No report was provided.

### **9. Legal**

#### **a. Common Interest Agreement**

Ms. Kincaid presented an attorney working group agreement for common interest throughout the basin. Director Hart made a motion to proceed, seconded by Director Ashlock. Motion carried unanimously.

#### **b. Statewide Update**

Ms. Kincaid reported on subbasins that have returned back to the Department of Water Resources. The Kern GSP comment period closes on April 20<sup>th</sup>. Kincaid informed the board on Subsidence Management Plans and updates to the Annual Reports. The status of the basins is still being held by the State Water Board.

### **10. New Business**

None.

**11. Correspondence**

None.

**12. Adjournment**

A motion to adjourn was made by Director Salgado and seconded by Director Hart. The motion carried unanimously, and the meeting was adjourned at 2:53 p.m.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Jenny Holtermann".

Jenny Holtermann

**Kern Non-Districted Land Authority**  
**Check List**  
**March 23, 2026**

---

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Paid Amount</u>
<b>Valley Strong Checking</b>			
03/23/2026	3306	Andrea R. Hill CPA AAC	-1,000.00
03/23/2026	3307	Jenny Holtermann	-3,689.85
03/23/2026	3308	Land IQ LLC	-176.63
03/23/2026	3309	Paris Kincaid Wasiewski LLP	-8,979.00
03/23/2026	3310	Provost & Pritchard Consulting Group	-3,695.63
03/23/2026	3311	Provost & Pritchard Consulting Group	-861.90
03/23/2026	3312	Land IQ LLC	-3,946.19
03/23/2026	3313	Provost & Pritchard Consulting Group	-3,571.42
03/23/2026	3314	Barbich Hooper King Dill Hoffman LLP	-8,250.00
03/23/2026	3315	Valley Strong Credit Union	-91.17
Total Valley Strong Checking			-34,261.79
<b>TOTAL</b>			<b>-34,261.79</b>

**Kern Non-Districted Land Authority**  
**Exhibit B - Check Detail**  
**March 23, 2026**

Type	Num	Date	Name	Paid Amount	Original Amount
<b>Bill Pmt -Check</b>	<b>3306</b>	<b>03/23/2026</b>	<b>Andrea R. Hill CPA AAC</b>		<b>(1,000.00)</b>
Bill	36273	02/24/2026		(1,000.00)	1,000.00
TOTAL				(1,000.00)	1,000.00
<b>Bill Pmt -Check</b>	<b>3307</b>	<b>03/23/2026</b>	<b>Jenny Holtermann</b>		<b>(3,689.85)</b>
Bill	Feb2026	02/28/2026		(3,689.85)	3,689.85
TOTAL				(3,689.85)	3,689.85
<b>Bill Pmt -Check</b>	<b>3308</b>	<b>03/23/2026</b>	<b>Land IQ LLC</b>		<b>(176.63)</b>
Bill	7658	02/18/2026		(50.25)	50.25
				(122.41)	122.41
				(3.97)	3.97
TOTAL				(176.63)	176.63
<b>Bill Pmt -Check</b>	<b>3309</b>	<b>03/23/2026</b>	<b>Paris Kincaid Wasiewski LLP</b>		<b>(8,979.00)</b>
Bill	3128	02/28/2026		(8,979.00)	8,979.00
TOTAL				(8,979.00)	8,979.00
<b>Bill Pmt -Check</b>	<b>3310</b>	<b>03/23/2026</b>	<b>Provost &amp; Pritchard Consulting Group</b>		<b>(3,695.63)</b>
Bill	127986	02/23/2026		(241.53)	241.53
				(1,524.00)	1,524.00
				(1,600.60)	1,600.60
				(168.00)	168.00
				(161.50)	161.50
TOTAL				(3,695.63)	3,695.63
<b>Bill Pmt -Check</b>	<b>3311</b>	<b>03/23/2026</b>	<b>Provost &amp; Pritchard Consulting Group</b>		<b>(861.90)</b>
Bill	128404	02/28/2026		(861.90)	861.90
TOTAL				(861.90)	861.90
<b>Bill Pmt -Check</b>	<b>3312</b>	<b>03/23/2026</b>	<b>Land IQ LLC</b>		<b>(3,946.19)</b>
Bill	7685	03/01/2026		(841.86)	841.86
				(3,062.67)	3,062.67
				(41.66)	41.66
TOTAL				(3,946.19)	3,946.19
<b>Bill Pmt -Check</b>	<b>3313</b>	<b>03/23/2026</b>	<b>Provost &amp; Pritchard Consulting Group</b>		<b>(3,571.42)</b>
Bill	129045	02/28/2026		(357.00)	357.00
				(236.49)	236.49
				(1,717.20)	1,717.20
				(120.00)	120.00
				(1,140.73)	1,140.73
TOTAL				(3,571.42)	3,571.42

**Kern Non-Districted Land Authority**  
**Exhibit B - Check Detail**  
**March 23, 2026**

Type	Num	Date	Name	Paid Amount	Original Amount
Check	3314	03/23/2026	Barbich Hooper King Dill Hoffman LLP		<b>(8,250.00)</b>
				(8,250.00)	8,250.00
TOTAL				(8,250.00)	8,250.00
Check	3315	03/23/2026	Valley Strong Credit Union		<b>(91.17)</b>
				(13.00)	13.00
				(77.14)	77.14
				(1.03)	1.03
TOTAL				(91.17)	91.17



**KERN NON-DISTRICTED LAND AUTHORITY**  
1518 Mill Rock Way, Suite 100 Bakersfield, CA 93311  
Phone: (661)595-5514  
Email: [jenny@kndla.org](mailto:jenny@kndla.org)  
Website: [www.kndla.org](http://www.kndla.org)

March, 2026

**To:** KNDLA Board of Directors

**From:** Jenny Holtermann

**Re:** Executive Director Report, March

**Administration**

- Coordination with P&P on GIS platform and mapping
- Coordination with P&P on well monitoring and collection of water level for spring timeline and deadline
- Coordination with P&P and EKI on data gaps still needing to be filled
  - o One access agreement sent to landowner, awaiting response
  - o Potential additional data gaps to fill
- Land IQ review and contract completion, monthly review and analysis
- Meeting with Provost and Pritchard for Demand Management
  - o Discussion on scope of work and proposal overview
  - o Phase 1 questions overview
- Board Meeting Agenda and Minutes, prep and coordination
- Form 700 coordination
- Audit coordination and collection of materials
- EWMA Meeting
  - o Water district formation timeline of 6 months
  - o Demand management work
- Coordinate Financial statements, deposits and payables.

**Kern Subbasin SGMA Weekly Friday Managers Meetings, Monday Policy Meetings**

- Plan Updates
  - o GSP uploaded DWR on 2/4, 75-day public comment period to end 4/20.
- Well mitigation program review and update to plan
  - o Self Help agreement revisions
- Outreach plan, Earth Day promotion and Annual Plan workshops
- Subsidence debrief of meeting with DWR

- Well Permitting process with Kern County, ongoing
- Updates and reviewing of proposals on SGMA management
  - o Cost Share discussions, subbasin split
    - KNDLA addition of 10,634 “developed acres”

# *Shafter~Wasco Irrigation District*

## *Board of Directors*

CRAIG D. FULWYLER, *President*  
GEORDY W. WISE, *Vice President*  
RANDY D. BLOEMHOF  
DAVID BLOEMHOF III  
BENJAMIN P. WILSON

P.O. Box 1168  
Wasco, California 93280

**Business Office: (661) 758-5153**  
**Fax: (661) 758-6167**  
**Water Department: (661) 758-5369**

*General Manager*  
KRIS I. LAWRENCE  
*Office Manager/Treasurer*  
SARAH K. PITTS  
*Legal Counsel*  
ALAN F. DOUD

March 18<sup>th</sup>, 2026

Kern Non-Districted Lands Authority Board of Directors,

This letter is to provide 180 days' notice of the withdrawal of the Seventh Standard Annex as a member of KNDLA pursuant to Section 4.10(b) of the KNDLA Joint Powers Agreement. Once the withdrawal is effectuated, the Seventh Standard Annex acreage (which is within SWID's District boundaries) will participate in KNDLA through SWID's membership and SWID's number of seats on the KNDLA Board will reduce from 2 to 1.

There are two primary reasons for this:

1. The Coordination Committee recently landed on a cost allocation methodology that combines SWID and Seventh Standard Annex as one entity. This change at KNDLA will allow for consistency, when the 2027 budget is adopted.
2. The original purpose of having a separate seat for SWID and 7<sup>th</sup> Standard Annex was to allow 7<sup>th</sup> Standard Annex to retain some level of influence and independence. As time has progressed, it has become clear that the 7<sup>th</sup> Standard Annex growers are now comfortable with being fully represented by SWID at these venues.

Thank you,



Kris Lawrence  
General Manager

**KERN SUBBASIN GSP  
COST SHARING AGREEMENT (26-01)**

This Cost Sharing Agreement ("Agreement") is entered into on \_\_\_\_\_ by and among the following Groundwater Sustainability Agencies ("GSAs") and Management Areas located within the Kern Subbasin, each a "Party" and collectively referred to as the "Parties":

South of Kern River GSA Group

1. Arvin GSA
2. Wheeler-Ridge Maricopa GSA
3. Tejon-Castac Water District GSA

North Central Kern GSA Group

4. Southern San Joaquin Municipal Utility District GSA
5. Shafter-Wasco Irrigation District GSA
6. North Kern Water Storage District GSA
7. Cawelo Water District GSA
  
8. Kern River GSA
9. KNDLA GSA
10. Semitropic Water Storage District GSA
11. West Kern Water District GSA
12. KCWA - Pioneer GSA
13. Kern Water Bank GSA
14. Kern-Tulare Water District GSA
15. Eastside Management Area
16. Westside District Water Authority GSA
17. Rosedale-Rio Bravo Water Storage District GSA
18. Henry Miller Water District GSA
19. Olcese Water District GSA
20. Buena Vista GSA

**RECITALS:**

WHEREAS, prior to the State Water Resources Control Board's ("SWRCB") hearing on the Kern Subbasin, held on September 17, 2025, the Parties collectively revised and submitted Groundwater Sustainability Plans ("GSPs") for the Kern Subbasin to satisfy the requirements of the Sustainable Groundwater Management Act ("SGMA");

WHEREAS, following the September 17, 2025, hearing, the SWRCB recommended that the Kern Subbasin be returned to oversight by the Department of Water Resources ("DWR") provided the Kern Subbasin addresses issues identified by the SWRCB;

WHEREAS, several Parties will retain consultants to perform the work necessary to meet the requirements for returning to DWR oversight, with each consultant engaged under a separate agreement with its respective Party;

WHEREAS, the total cost of the consultant work associated with this agreement is Six Hundred Twenty-Two Thousand Sixty-Four Dollars (\$622,064), as set forth in the scopes of work attached hereto and incorporated herein as **Exhibits A through H** (collectively, the “Scopes of Work”);

WHEREAS, the Parties acknowledge that sharing the costs associated with this process is beneficial and cost-effective;

WHEREAS, the Parties wish to appoint Buena Vista Water Storage District as the custodian of the shared funds for the purpose of this Agreement;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the Parties agree as follows:

#### **AGREEMENT TERMS:**

**1. Cost Sharing:** The Parties agree to collectively share the total cost of \$622,064 for the Scopes of Work, with each Party contributing their share of the total cost as shown in Table 1, which is attached and incorporated into this agreement. Buena Vista Water Storage District will issue two cash calls for the Parties’ respective cost-share contributions: the first in March 2026 and the second on or about June 2026. A Party will not be entitled to joint ownership of any work product unless and until it timely pays its full cost-share contribution.

**2. Payment to Buena Vista Water Storage District:** The Parties shall deposit their respective contributions with Buena Vista Water Storage District, which will serve as the custodian of the funds. In order for a Consultant’s fee to be eligible for cost sharing under this Agreement, it must be consistent with the Scopes of Work, and the Consultant must be under contract with at least one Party. Consultant invoices will be sent directly to the contracting Party, and a copy of each invoice shall be forwarded to Buena Vista Water Storage District for payment following review by the Parties for consistency with the scopes of work. The Plan Manager will facilitate the Parties’ timely review of invoices.

**3. Accounting:** Buena Vista Water Storage District shall maintain accurate accounting records and other documentation pertaining to all monies concerning this Agreement. Such records and documentation shall be kept at Buena Vista Water Storage District’s office during the term of this Agreement, and for a period of three (3) years from the date the final invoice is received from any of the Parties. Buena Vista Water Storage District shall, at any time during regular business hours, make available to any requesting Party the accounting records pertaining to that requesting Party.

**4. Amendments:** This Agreement may only be amended in writing and signed by all Parties hereto.

**5. Governing Law:** This Agreement shall be governed by and construed in accordance with the laws of the State of California.

**6. Joint Ownership of Work Product:** All work product generated pursuant to this Agreement shall be jointly owned by the Parties so that each will have access and ability to utilize said work product.

**7. Electronic Signatures:** Electronic signatures shall be binding.

**EXECUTION:**


IN WITNESS WHEREOF, the Parties hereto have executed this Cost Sharing Agreement as of the date first above written.

[Signature Block for Each Entity]


Arvin GSA

Signed by:  
  
E1C82E4B0C1471...  
Derek Yurosek, Director

Wheeler-Ridge Maricopa GSA

Signed by:  
  
20A0A3F61324E8...  
Dennis Atkinson, President


Tejon-Castac Water District GSA

DocuSigned by:  
  
F87E46CF267E471...  
Angelica Martin, Board Secretary


Kern River GSA

DocuSigned by:  
  
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Rodney Palla, Board Chair

Southern San Joaquin Municipal Utility District

Signed by:  
  
CD47AC533A5E40B...  
Roland Gross, General Manager

Shafter-Wasco Irrigation District GSA

Signed by:  
  
C4329A8C5DE943C...  
Randy Bloemhof, Board Member

KNDLA GSA

DocuSigned by:  
  
48DE9FDCFA2B468...  
Barry Watts, Board Chairman

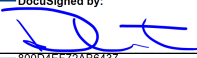
North Kern Water Storage District GSA

Signed by:  
  
69609BE5729C4F5...  
Kevin Andrew, Board President

Cawelo Water District GSA

Signed by:  
  
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David Halopoff, Assistant General Manager

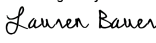
Semitropic Water Storage District GSA

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Dan Waterhouse, Board President

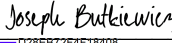
West Kern Water District GSA

Signed by:  
  
EEAASAECT8788B5...  
Greg A. Hammett, General Manager

KCWA - Pioneer GSA

DocuSigned by:  
  
D0E93916E921449...  
Lauren Bauer, Water Resources Manager

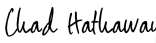
Kern Water Bank GSA

Signed by:  
  
D28EB72F4F18408...  
Joseph Butkiewicz, General Manager

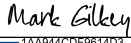
Kern-Tulare Water District GSA

DocuSigned by:  
  
A98E2F5B6E84BD...  
Skye Grass, General Manager


Eastside Water Management Area

DocuSigned by:  
  
650F9CA517E54A3...  
Chad Hathaway, President

Westside District Water Authority GSA

Signed by:  
  
1AA944CDF9814D3...  
Mark Gilkey, Executive Director

Rosedale-Rio Bravo Water Storage District GSA

DocuSigned by:  
  
0AF498D07C50427...  
Dan Bartel, Engineer-Manager

Henry Miller Water District GSA

DocuSigned by:  
  
67E7223A9FF4465...  
Jeof Wyrick, President, Chairman

Olcese Water District GSA

DocuSigned by:  
  
D9EC12EDC08748A...  
James L. Nickel, President

Buena Vista GSA

DocuSigned by:  
  
C2845D15127A462...  
Terry Chicca

## Kern Subbasin Cost Share Agreement (26-01)

	<u>Date:</u>	<u>Amount:</u>
Base Agreement (26-01):	3/4/2026	\$622,064.00

### Exhibit A - Well Mitigation Program:

MLJ Environmental:	1/1/26 - 12/31/26	\$16,200.00
(RRB GSA)		\$16,200.00

### Exhibit B - Water Quality Monitoring Program:

MLJ Environmental:	1/1/26 - 12/31/26	\$11,220.00
(RRB GSA)		
Kahn, Soares & Conway	1/1/26 - 12/31/26	\$49,500.00
(Cawelo GSA)		\$60,720.00

### Exhibit C - WQ Exceedance Investigation Consultant\*:

Todd GW:	1/1/26 - 12/31/26	\$38,480.00
(Cawelo GSA)		\$38,480.00

### Exhibit D - Kern Subbasin Technical Coordinator:

Intera:	1/1/26 - 12/31/26	\$178,920.00
(SWID GSA)		\$178,920.00

### Exhibit E - Kern Subbasin POC/Plan Manager:

Rincon:	1/1/26 - 12/31/26	\$83,194.00
(BV GSA)		\$83,194.00

### Exhibit F - DMS/Website Support:

GEI:	1/1/26 - 12/31/26	\$47,550.00
(BV GSA)		\$47,550.00

### Exhibit G - Kern Subbasin Model Refinement:

Todd GW:	1/1/26 - 12/31/26	\$174,000.00
(KRGSA)		\$174,000.00

### Exhibit H - Data Gaps Analysis and Well Inventory:

LSCE:	2/1/26 - 12/31/26	\$23,000.00
(HM GSA)		\$23,000.00

<b>Total:</b>	<b>\$622,064.00</b>
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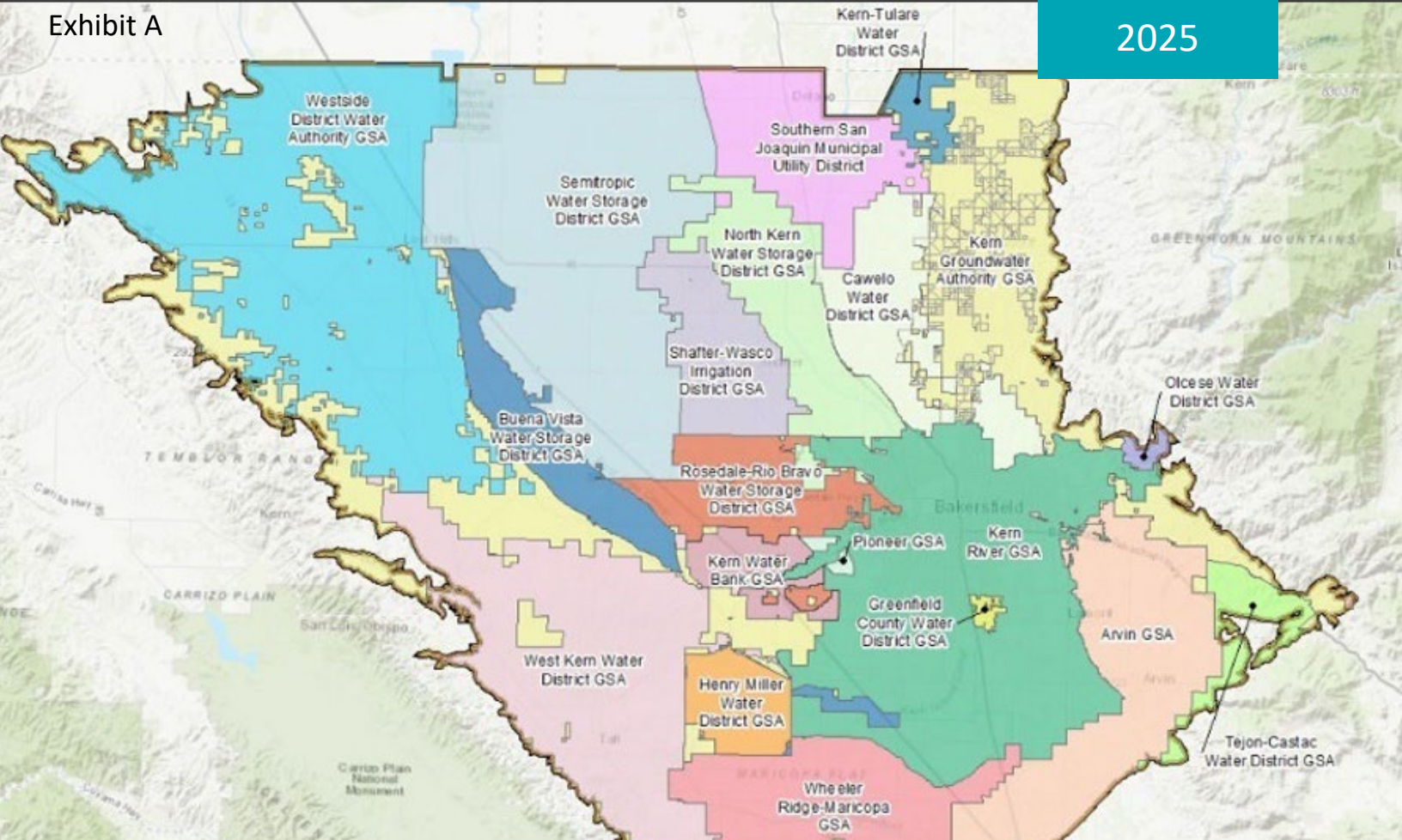
*\*Task 2&3 will be direct billed to the GSA where the investigation is being conducted.*

TABLE 1  
Kern Subbasin Cost Split

AGMT No. 26-01		\$ 622,064.00	
<b>GSA Name</b>	<b>Developed Acreage</b>		
		75.00%	120.45%
TCWDGSA	317	\$ 23,327.40	
OWDGSA	1,142	\$ 23,327.40	
PioneerGSA	1,462	\$ 23,327.40	
WKWDGSA	5,881	\$ 23,327.40	
EWMA	6,895	\$ 23,327.40	
KWBGSA	8,336	\$ 23,327.40	
KTWDGSA	10,041	\$ 23,327.40	
KNDLA	10,634	\$ 23,327.40	
HMWDGSA	18,565	\$ 23,327.40	
CWDGSA	38,975		\$ 37,465.22
BVGSA	39,902		\$ 37,465.22
RRBWS DGSA	41,449		\$ 37,465.22
SWIDGSA	44,270		\$ 37,465.22
SSJMUDGSA	56,973		\$ 37,465.22
NKWSDGSA	60,531		\$ 37,465.22
WRMGSA	62,186		\$ 37,465.22
Arvin GSA	88,891		\$ 37,465.22
WDWAGSA	113,856		\$ 37,465.22
SWSDGSA	139,857		\$ 37,465.22
KRGSA	190,253		\$ 37,465.22

\$ 209,946.60 \$ 412,117.40

**\$ 622,064.00**



## Kern County Subbasin Groundwater Sustainability Agencies: Proposal for Well Mitigation Program Consultant Assistance

*Submitted to:*

**Kern County Subbasin**

Attn: Trent Taylor  
849 Allend Road  
Bakersfield, CA 93314

*Submitted by:*

**MLJ Environmental**

Melissa Turner  
2520 Venture Oaks Way, Suite 310  
Sacramento, CA 95833

[mturner@mljenvironmental.com](mailto:mturner@mljenvironmental.com)  
C: 916.607.5602 | O: 530.756.5200

Trent Taylor, Assistant General Manager  
Kern County Subbasin

Dear Mr. Taylor,

MLJ Environmental is pleased to submit our proposal to serve as the Well Mitigation Program Consultant for the Kern County Subbasin. The Well Mitigation Program is moving from concept to full implementation, and MLJ brings exactly the mix of program coordination, data-driven process design, and multi-agency workflow management needed to establish a reliable, defensible system for the Subbasin.

Our firm offers three core strengths essential to this work:

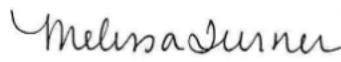
***Proven experience implementing multi-track groundwater programs.*** For more than 25 years, MLJ has managed complex groundwater programs across California, including ILRP Coalitions, SGMA monitoring efforts, and basin-scale data collaboratives. This background provides tested methods for coordinating among multiple agencies, standardizing procedures, and documenting decisions clearly, all of which are central to a functional Well Mitigation Program.

***Strong data management and tracking capabilities.*** MLJ has built and maintained data systems for large regional programs, giving us a deep understanding of how to structure tracking tools, ensure data integrity, and maintain transparent records across large teams. With program activities spanning dry well mitigation, water-quality-related claims, technical assistance, and State Small Water System support, our ability to integrate data and workflow documentation is a direct advantage for the Subbasin.

***A highly responsive team tailored for coordination and communication.*** The Well Mitigation Program relies on clear, consistent communication among GSAs, SHE, the Water Quality Implementation Representative, KMEC, and Subbasin consultants. MLJ excels in this environment. Melissa Turner, Principal-in-Charge and current member of the GRA Board, will provide strategic guidance. Jennifer Sanchez, Senior Data Manager, brings extensive experience in parcel-based tracking systems, high-volume notifications, and coalition outreach, skills that directly support the administrative and coordination needs of this program.

We welcome the opportunity to help the Kern County Subbasin implement a clear, defensible, and coordinated Well Mitigation Program. Please feel free to contact us with any questions about our proposal.

Sincerely,



Melissa Turner, President  
MLJ Environmental  
mturner@mljenvironmental.com



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## Firm Qualifications and Project Team

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MLJ Environmental (MLJ) is pleased to submit this proposal to the Kern County Subbasin Groundwater Sustainability Agencies (GSAs) for consideration as the Well Mitigation Program Consultant. MLJ brings over 25 years of experience protecting communities and natural resources through science-driven, cost-effective environmental consulting, with specialized expertise in water-quality monitoring program design, groundwater data management, and regulatory compliance across California. Our deep background in both the Irrigated Lands Regulatory Program (ILRP) and Sustainable Groundwater Management Act (SGMA), including multi-party program coordination and defensible data management, aligns directly with the objectives of the Well Mitigation Program Consultant Assistance Scope of Work.

Our small-firm structure ensures highly responsive service, streamlined communication, and customized solutions, providing the Subbasin with a cost-effective alternative to larger firms while maintaining exceptional technical rigor. We understand the importance of delivering consistent, well-documented, and defensible mitigation decisions across GSAs while maintaining transparency for stakeholders and regulatory partners.

MLJ is particularly well-positioned to support this Well Mitigation Program because of our extensive experience coordinating long-term groundwater programs that require consistent workflows, multi-stakeholder alignment, defensible data, and clear regulatory reporting. Across such programs, MLJ provides program implementation, stakeholder coordination, QA/QC, and transparent documentation, skills directly aligned with the Subbasin's need to operationalize and refine the Well Mitigation Program. Company highlights include:

- **Extensive California water-quality and regulatory experience**, including SGMA, ILRP, and Nitrate Control Program coordination.
- **Integrated data, mapping, and dashboard capabilities**, enabling efficient tracking of claims, notifications, well conditions, and mitigation actions.
- **Cost-effective, responsive consulting model**, focused on providing high value to our clients.
- **Multidisciplinary team** spanning groundwater science, QA/QC, regulatory compliance, data systems, and stakeholder coordination.
- **Proven success** managing multi-agency coordination programs, including the Central Valley Groundwater Monitoring Collaborative (CVGMC) and the Central Coast Groundwater Coalition (CCGC).

Our combination of project management expertise, scientific rigor, regulatory fluency, and data-management capabilities uniquely positions MLJ to deliver high-quality, reliable implementation support for all four mitigation tracks and the Subbasin's long-term reporting needs. Further details on related projects are provided in the **Project References** section, showcasing MLJ Environmental's expertise in groundwater quality regulatory compliance, project coordination, and program oversight.

## Project Team

MLJ Environmental's proposed project team combines scientific leadership with data and project management expertise to ensure high-quality and efficient project implementation. Melissa Turner, Principal-in-Charge, provides oversight and assures project quality, while Jennifer Sanchez, Senior Data Manager, will implement the work outlined in the RFP. Additional details on Ms. Turner's and Ms. Sanchez's qualifications and relevant projects are provided in the **Staff Resumes** section.



### Melissa Turner

#### PRINCIPAL-IN-CHARGE

Years of Experience: 25+

Years with Firm: 20+

#### DEGREE(S)

MS, Animal Biology and BS, Wildlife, Fisheries, and Conservation Biology

#### Relevant Experience

*Program Management of Multi-Stakeholder Monitoring Programs*

*Regulatory Compliance and Reporting under ILRP and Nitrate Control Program*

*Data System Design and Oversight for Multi-Coalition Monitoring*

Ms. Turner brings over 25 years of experience in water quality monitoring, surface and groundwater data management, and project coordination. As founding partner, President, and Principal-in-Charge at MLJ Environmental, she provides strategic oversight for all major projects and ensures high-quality, defensible program implementation. Ms. Turner currently serves on the Board of Directors for the Groundwater Resources Association (GRA), contributing statewide leadership on groundwater policy and management. She has led large-scale data systems, ensuring QA/QC and regulatory compliance, and has managed multi-coalition programs, integrating complex datasets and supporting coordination across diverse stakeholders.



### Jennifer Sanchez

#### SENIOR DATA MANAGER

Years of Experience: 25+

Years with Firm: 13+

#### DEGREE(S)

B.A., Mass Communication & Journalism, Fresno State University

#### Relevant Experience

*Groundwater Data Management for Multi-Coalition Monitoring*

*Groundwater Data Compilation / Interpretation*

*Coordination and Communication*

Ms. Sanchez brings extensive experience in groundwater program coordination, data management, and high-volume outreach. She has managed logistics and execution of more than 20,000 annual notifications to landowners and growers within the ILRP, maintaining parcel-based databases, tracking participation, and ensuring timely delivery of regulatory updates. Ms. Sanchez is proficient in SQL, relational databases, mass-mailing systems, Telerik reporting, and Quicksight dashboards, skills directly relevant to documenting mitigation activities and coordinating with the Subbasin's Data Management System consultants. Her combined background in outreach, tracking, and technical data systems will support efficient, transparent, and accurate implementation of the Well Mitigation Program.

## Project Understanding and Approach

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The Scope of Work identifies key roles for the Well Mitigation Program Consultant, including:

- Overseeing implementation of the Well Mitigation Program (dry-well track, degraded water-quality mitigation track, State Small financial assistance track),
- Coordinating between GSAs, contractors, and the Kern Subbasin Mitigation Evaluation Committee (KMEC),
- Supporting notifications to domestic well owners when water-quality thresholds are exceeded,
- Maintaining accurate records for the Annual Report, and
- Revising program documents.

MLJ's expertise aligns closely with these needs.

MLJ Environmental will implement a structured, coordination-driven approach that builds on the Subbasin's existing workflow while establishing clear, defensible procedures for processing domestic well mitigation requests.

During project initiation, our team will review and refine the existing internal communication flowchart and convert it into an operational workflow supported by task-specific standard operating procedures for each mitigation track, including dry wells, technical assistance, State Small Water System support, and water-quality-driven claims.

The Senior Data Manager will serve as the single point of contact for the KMEC and each GSA, ensuring timely information exchange, consistent communication, and the preparation of monthly progress updates that include narrative summaries and Excel-based tracking tables.

MLJ Environmental will develop and maintain a centralized tracking system to document claim intake, verification, coordination steps, timelines, and outcomes, with linkages to the Subbasin's Data Management System (DMS) where applicable.

Throughout the year, our team will coordinate directly with relevant GSAs, the Water Quality Implementation Consultant, KMEC, Self-Help Enterprises (SHE), and other Subbasin consultants, as needed, to support complete and timely processing of each request.

For annual reporting, MLJ Environmental will prepare well mitigation summaries and supporting narrative for incorporation into the Subbasin's GSP Annual Report, including tracking of exceedance-related notifications and program performance metrics.

As the program evolves, MLJ Environmental will identify opportunities for improving efficiency, consistency, and alignment with GSP requirements, and will draft recommended revisions to the Well Mitigation Program document for GSA review. This approach ensures a transparent, consistent, and well-documented process that the subbasin can rely on as mitigation activity increases in future years.

## Scope of Work

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MLJ Environmental will implement the Well Mitigation Program through a structured set of tasks that provide consistent program coordination, rigorous data management, timely domestic well notifications, and comprehensive reporting to support the Kern County Subbasin's SGMA requirements. Our approach emphasizes clarity, traceability, and seamless coordination across GSAs, SHE, KMEC, and the DMS consultant. All work described below will be performed by Senior Data Manager, Jennifer Sanchez.

### Task 1: Well Mitigation Program Implementation & Coordination

MLJ will provide day-to-day leadership of Well Mitigation Program implementation. Jennifer Sanchez will serve as the centralized point of contact, coordinating all communications between GSAs, SHE, KMEC, and other partners. Applicants to the Well Mitigation Program for dry wells (Dry Well Track) will be reviewed by the KMEC for eligibility; Ms. Sanchez will facilitate and coordinate this process to ensure it is completed by the Kern County Subbasin Qualified Professional and KMEC and processed through the next steps of the Well Mitigation Program. Ms. Sanchez will ensure that eligible applicants who have dry wells are transferred to SHE in order to offer emergency drinking water within 24-hours of notification and forwarded to the appropriate contact for financial assistance (Dry Well Technical Assistance Track). If the well falls in the Degraded Water Quality Mitigation Track, Ms. Sanchez will coordinate with the Water Quality Implementation Representative as described in Task 2.

Work includes facilitating monthly coordination meetings, tracking action items, and maintaining program momentum across all mitigation tracks (dry wells, water-quality exceedances, technical assistance, and State Small System support). Ms. Sanchez will attend monthly KMEC meetings which are estimated to be 30 minutes each. MLJ will also summarize decisions, document meeting notes, and communicate follow-up actions from these meetings to the appropriate GSA. MLJ will revise and update the Well Mitigation Program document, maintain internal workflows and process flowcharts, and ensure alignment with Subbasin-wide mitigation procedures. MLJ will also maintain the mitigation-tracking database, coordinate data structure needs with the DMS consultant, and provide monthly program summaries, including invoice tracking, and implementation status updates.

MLJ will prepare monthly mitigation-activity summaries, maintain tracking systems documenting program actions, and support review of program progress. MLJ will prepare the mitigation implementation section for the Annual Report, including required narrative content, tables, figures, and recommended updates to the Well Mitigation Program. MLJ will coordinate with the Annual Report consultant to ensure seamless integration into the overall subbasin report and maintain documentation needed for audits, GSP updates, and future refinements to mitigation procedures.

### TASK 1 DELIVERABLES

- Monthly updates on mitigation activities (pdf and Excel)
- Annual Report write up reflecting mitigation practices
- Attend monthly meetings and provide summary of action items

### TASK 1 ASSUMPTIONS

- Application documents will be created by the KMEC
- SHE will be responsible for providing short, interim, and long term solutions for eligible wells
- KMEC will determine eligibility of applicants
- Assumes up to 12 well applications per year

## Task 2: Water Quality Sustainable Management Criteria Implementation

Ms. Sanchez will coordinate with the Water Quality Implementation Representative as it relates to domestic well notifications. When a well exceeds a Minimum Threshold (MT), it is assumed that the impact is due to GSA projects and the well owner will be notified according to the Exceedance Policy. This notification will include instructions for submitting an application to be assessed by the KMEC for eligibility. Ms. Sanchez will ensure that efficient coordination occurs between the Well Mitigation Program and the exceedance notifications. It is expected that efforts will be needed to track status of initial screening and domestic well eligibility evaluation. Ms. Sanchez will work to make processes as automated as possible to ensure timely communications.

### TASK 2 DELIVERABLES

- Refinement of procedures to ensure timely communications
- Tracking of screening and evaluation of wells with degraded water quality

### TASK 2 ASSUMPTIONS

- Application materials will be provided by the KMEC
- Exceedance notifications will be the responsibility of the Water Quality Implementation Representative

## Project Schedule

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The following schedule assumes a January 2026 start date and corresponds with the visual timeline shown in **Figure 1**. The timeline and associated **Proposed Budget** spans 24 months, allowing for one full year of implementing the Well Mitigation Program followed by a complete Annual Report cycle. Some effort is expected early in the project to support the April 2026 Annual Report with a brief write-up, while additional time has been allocated for the more extensive April 2027 Annual Report, which will reflect a larger number of wells tracked under the program.

- **Project Kickoff (January 2026):** Review of existing workflows and procedures, project timeline refinements, and review of communication procedures. Set clear expectations for the Well Mitigation Program Consultant.
- **Implementation (January – December 2026):** Launch and manage mitigation tracks, issue notifications, produce monthly reporting.
- **Annual Reporting (November 2026 – January 2027):** Prepare the program’s Annual Report section and provide recommended revisions.
- **Continuation (January – December 2027):** Ongoing program refinement, continued implementation, and outreach.

## Proposed Budget

The budget itemized in **Table 1** estimates the cost on a time-and-materials basis to facilitate and coordinate the Well Mitigation Program as outlined in the Scope of Work above, for work performed for 2026 and 2027 (January 1 – December 31). Jennifer Sanchez will notify the Kern County Subbasin if project implementation differs from assumptions outlined above that could affect costs and/or timelines. MLJ will not perform work that exceeds the budget without consent from the Kern County Subbasin.

As Principal-in-Charge, Melissa Turner will provide strategic oversight and high-level program direction as part of MLJ Environmental's commitment to this project at no additional cost.

*Table 1. MLJ Environmental Cost Estimate for 2026 and 2027 Well Mitigation Program Consultant Services.*

Tasks	Hourly Rate	2026 Hours	2026 Cost	2027 Hours	2027 Cost
<b>Task 1. Well Mitigation Program Implementation &amp; Coordination</b>					
Kickoff meeting including preparation, attendance, and follow up notes.	\$180	4	\$720.00	4	\$720.00
Monthly progress reports with Excel summaries.	\$180	12	\$2,160.00	12	\$2,160.00
Monthly calls (if needed).	\$180	12	\$2,160.00	12	\$2,160.00
Communication with other tracks, GSAs, SHE, and KMEC.	\$180	12	\$2,160.00	12	\$2,160.00
Tracking of well mitigation process.	\$180	24	\$4,320.00	24	\$4,320.00
Process review and updates to the Well Mitigation Program documents.	\$180	6	\$1,080.00	6	\$1,080.00
Annual Reporting (due April each year).	\$180	7	\$1,260.00	9	\$1,620.00
<b>Task 1 - 2026 Subtotal</b>			<b>\$13,860.00</b>	<b>2027 Subtotal</b>	<b>\$14,220.00</b>
<b>Task 2. Water Quality Sustainable Management Criteria Implementation</b>					
Coordination with water quality implementation representative on domestic well notification system	\$180	6.5	\$1,170.00	6.5	\$1,170.00
Notification procedure updates	\$180	6.5	\$1,170.00	6.5	\$1,170.00
<b>Task 2 - 2026 Subtotal</b>			<b>\$2,340.00</b>	<b>2027 Subtotal</b>	<b>\$2,340.00</b>
<b>2026 Total</b>			<b>\$16,200.00</b>	<b>2027 Total</b>	<b>\$16,560.00</b>

## Project References

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The projects summarized below highlight MLJ Environmental's strength in program coordination, data management, and technical leadership for groundwater quality initiatives. Our team brings extensive experience developing and managing complex regulatory programs, maintaining high-quality data systems, and ensuring that project workflows remain timely, accurate, and compliant with all applicable requirements. Each example identifies MLJ's specific role, the year of completion, and reference contact information.

### Central Valley Groundwater Monitoring Collaborative (CVGMC)

<b>Years Performed</b>	2019 – present
<b>Firm Role</b>	Subcontractor for Data Management and Quality Control
<b>Reference Contact Information</b>	David Cory, (916) 716-5815, <a href="mailto:farmeratlaw@comcast.net">farmeratlaw@comcast.net</a>

#### **Description and Staff Roles**

In partnership with Luhdorff & Scalmanini Consulting Engineers (LSCE), MLJ Environmental provides comprehensive program coordination, data management, and technical leadership to the 10 participating Coalitions in the Central Valley Groundwater Monitoring Collaborative (CVGMC). MLJ manages the flow of all groundwater monitoring data, including collection, verification, and QA/QC review of submitted analytical and field datasets, resolution of discrepancies with field crews and laboratories, and preparation of final datasets for regulatory reporting. MLJ facilitates continuous communication and coordination with LSCE and other technical consultants, Coalition leads, and laboratories, ensuring consistent data standards, efficient workflows, and defensible reporting across multiple organizations. Under the leadership of Melissa Turner, Principal-in-Charge, MLJ developed, maintains, and actively utilizes the CVGMC Data Management System (DMS), a centralized, secure repository that enables standardized data storage, multi-Coalition trend analyses, and future enhancements for online data visualization and participant engagement. MLJ's long-standing role with the CVGMC highlights our expertise in coordinating across regulatory programs (ILRP, Nitrate Control Program Management Zones, and GSAs), managing complex datasets, and delivering accurate, timely, and fully transparent groundwater quality information.

### East San Joaquin Water Quality Coalition (ESJWQC)

<b>Years Performed</b>	2004 – present
<b>Firm Role</b>	Technical Consultant for ILRP Compliance (R5)
<b>Reference Contact Information</b>	Caitie Diemel, (209) 522-727, <a href="mailto:caitiec@stanfarmbureau.org">caitiec@stanfarmbureau.org</a>

#### **Description and Staff Roles**

As the lead contractor to the ESJWQC, MLJ Environmental has provided comprehensive program coordination, data management, and technical leadership since the Coalition's formation under the first General Order for a third-party group in 2003. MLJ guided the development of foundational regulatory documents, including the first Groundwater Assessment Report and Groundwater Quality Trend Monitoring Work Plan, prepared by Luhdorff and Scalmanini Consulting Engineers (LSCE), and has since overseen the integration,

organization, and evaluation of groundwater quality datasets across both ILRP and SGMA programs. Under the leadership of Melissa Turner, Principal-in-Charge, and Senior Data Manager Jennifer Sanchez, MLJ manages all regulatory deliverables, maintains consistent data standards, coordinates with technical consultants and the Regional Water Board, and ensures that program elements remain aligned with evolving requirements. MLJ's role includes managing data flows from multiple sources, supporting SGMA-ILRP data alignment where monitoring networks overlap, and ensuring that all information is processed, validated, and reported accurately and efficiently.

## Central Coast Groundwater Coalition (CCGC)

<b>Years Performed</b>	2013 – 2020
<b>Firm Role</b>	Lead contractor
<b>Reference Contact Information</b>	Parry Klassen, (559) 288-8125, <a href="mailto:klassenparry@gmail.com">klassenparry@gmail.com</a>

### **Description and Staff Roles**

MLJ Environmental served as the lead contractor for the Central Coast Groundwater Coalition groundwater monitoring and reporting program and provided comprehensive oversight of subcontractors delivering groundwater technical services. Under the direction of Melissa Turner, Project Manager, and Senior Data Manager Jennifer Sanchez, MLJ managed all aspects of program implementation and coordination including working closely with the geology firm, Hydrofocus, and eventually LSCE when they were brought in towards the end of the project. Through this work, MLJ developed an exceptional understanding of the unique needs and challenges of large-scale groundwater trend monitoring programs, including the logistics and effort required to sample hundreds of wells across a broad geographic region. MLJ also created essential tools to support program implementation, such as groundwater monitoring QAPPs, sampling and analysis plans, custom databases for tracking well and well owner information, including demographic details, precise locations, water quality data, and exceedance notifications consistent with Central Coast Regional Water Quality Control Board requirements.

## Staff Resumes

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### Melissa Turner

#### PRINCIPAL-IN-CHARGE

Years of Experience: 25+

Years with Firm: 20+

#### DEGREE(S)

MS, Animal Biology, University of California, Davis

BS, Wildlife, Fisheries, and Conservation Biology, University of California, Davis

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#### Relevant Experience

*Program Management of Multi-Stakeholder Monitoring Programs*

*Regulatory Compliance and Reporting under ILRP and Nitrate Control Program*

*Data System Design and Oversight for Multi-Coalition Monitoring*

*SGMA Compliance*

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#### BACKGROUND

Ms. Turner has over 25 years of experience in water quality monitoring, data management, chemistry and toxicity, fish ecology, and project management. As a founding partner and current President of MLJ Environmental, she has overseen the development and implementation of data systems, monitoring networks, and compliance reporting that directly parallel the objectives of the WWD groundwater monitoring project. Her expertise bridges the technical, regulatory, and stakeholder aspects of large-scale agricultural water quality monitoring programs.

Ms. Turner was the initial manager of the Central Valley Regional Data Center at the University of California, Davis, which provides one of the largest water quality datasets in the Central Valley to the California Environmental Data Exchange Network (CEDEN). She has since managed regional monitoring programs and multi-coalition collaborations, focusing on integrating diverse datasets into comparable formats, ensuring QA/QC, and supporting regulatory submittals - critical experience for ensuring the completion of the WWD groundwater monitoring as proposed within budget and timeframe.

#### RELEVANT PROJECTS

##### Irrigated Lands Regulatory Program (ILRP) Monitoring

Ms. Turner has extensive experience designing, implementing, and evaluating monitoring programs to assess agricultural discharges and their impacts on downstream beneficial uses. She has provided technical support for multiple Central Valley agricultural coalitions, including the San Joaquin County & Delta Water Quality Coalition, East San Joaquin Water Quality Coalition, Westside San Joaquin River Water Coalition, Grassland Drainage Authority Coalition, and Westlands Water Quality Coalition. Her expertise extends statewide, supporting coalitions in the Sacramento Valley, Central Coast, and Colorado River Region.

##### Central Valley Groundwater Collaborative (CVGMC)

As Project Manager for the CVGMC, Ms. Turner oversees development of a Data Management System enabling ten coalitions to load groundwater data via online tools for efficient trend

analysis across coalition boundaries. The system supports ILRP compliance and Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) Surveillance and Monitoring Program requirements. She also manages the development of a QuickSight-based visualization tool, allowing coalition members to generate real-time graphs and charts with customizable filters.

## Central Valley Salinity Alternative Long-Term Solution (CV SALTS)

### SAMP Workplan

Melissa Turner has been a key leader in developing the CV-SALTS Surveillance and Monitoring Program (SAMP) Workplan, applying her long-standing expertise in groundwater quality, regulatory compliance, and data integration across the Central Valley. She developed the SAMP data workflows, QA/QC procedures, and reporting processes that support Management Zones and align with ILRP and SGMA requirements which are included in the SAMP Workplan. Through her leadership of the Central Valley Groundwater Monitoring Collaborative, she has helped harmonize nitrate and trend-monitoring data across agencies, streamline reporting burdens for growers, and ensure that SAMP outputs are scientifically defensible and usable for regulatory decisions. Her role consistently bridges technical implementation with collaborative stakeholder coordination, making her a trusted contributor to CV-SALTS' basin-wide monitoring efforts.

### Management Zone Dashboard

Melissa Turner leads the design, development, and ongoing implementation of the CV-SALTS Management Zone Dashboard, an integrated data system that supports the Nitrate Control Program's reporting, transparency, and compliance needs. The team performs data validation, harmonizes data structures with CV-SALTS and State Water Board requirements, and develops interactive visualizations, geospatial displays, and automated summary tables that provide real-time insight into well testing progress, exceedances, replacement water delivery, and Management Zone performance milestones. MLJ also coordinates directly with Management Zone administrators and participating dischargers to ensure consistent data definitions, troubleshoot data issues, and train users, while continually enhancing the dashboard to increase automation, improve accuracy, and support effective compliance communication across all participating Management Zones.



## Jennifer Sanchez

### SENIOR DATA MANAGER

Years of Experience: 25+

Years with Firm: 13+

### DEGREE(S)

B.A., Mass Communication &  
Journalism, Fresno State  
University

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### Relevant Experience

*Compliance documentation*

*Data management*

*Member invoicing including applying  
accounting practices*

*Data management and auditing*

*Workflow simplification and automation*

*Mass mailing coordination*

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### BACKGROUND

Jennifer Sanchez brings extensive experience in data management, program tracking, and high-volume outreach, specializing in regulatory programs that rely on parcel-based landowner associations. She has overseen logistics and facilitation of more than 20,000 annual notifications to landowners and growers, including coordinated mailings and large-scale email communications. Her outreach background is grounded in years of direct work with growers and third-party coalitions under the Irrigated Lands Regulatory Program (ILRP), where accuracy, consistency, and timely communication are essential.

Ms. Sanchez maintains and updates complex internal databases that track member participation, correspondence, and compliance documentation. She designs and administers structured workflows for notifications, reminders, invoicing, and reporting—ensuring that all communication and compliance processes are executed systematically and documented thoroughly. Her hands-on familiarity with ILRP administrative systems, parcel tracking, and compliance monitoring translates directly to the Kern County Subbasin’s needs for accurate, transparent, and well-organized Well Mitigation Program records.

In addition to her outreach and program management experience, Ms. Sanchez brings advanced technical capabilities in SQL, relational databases, mass-mailing platforms, query development, Telerik reporting, and Amazon Quicksight dashboards. These skills enable her to collaborate effectively with Data Management System consultants, identify workflow efficiencies, support data integration, and enhance tracking and reporting accuracy. Her combined strengths in communication logistics and data systems make her uniquely suited for managing the documentation, coordination, and tracking required for the Kern County Subbasin Well Mitigation Program.

### RELEVANT PROJECTS

#### Central Coast Groundwater Coalition (CCGC) Program Administration and Data Tracking

Ms. Sanchez supported the Central Coast Groundwater Coalition by maintaining accurate and up-to-date member and parcel records, coordinating all outgoing notifications, and ensuring consistent tracking of participation and compliance with program requirements. She managed internal databases documenting correspondence, member updates, and required submissions,

and assisted with preparing and distributing coalition-wide reports. Her work for the CCGC emphasized systematic data organization, clear communication workflows, and reliable documentation, skills directly applicable to the administrative and tracking needs of the Kern County Subbasin Well Mitigation Program.

### **Irrigated Lands Regulatory Program (ILRP) Administration and Data Management**

Ms. Sanchez has extensive experience supporting ILRP coalitions through comprehensive data management, outreach coordination, and compliance tracking. She has maintained parcel-based membership databases, executed large-scale notification and invoicing workflows, and overseen organized tracking of participation and regulatory requirements. Ms. Sanchez has provided administrative and data-system support to multiple ILRP coalitions, including the East San Joaquin Water Quality Coalition, San Joaquin County & Delta Water Quality Coalition, Coachella Valley ILRP, Sacramento Valley Water Quality Coalition, Imperial Valley ILRP, Kings River Water Quality Coalition, Westside San Joaquin River Watershed Coalition, and the Westlands Water Quality Coalition. Her work spans coordinated mailings, email communication, parcel and member verification, compliance documentation, and preparation of member-facing reports—ensuring that coalition processes remain accurate, efficient, and well-documented across diverse regions of California.

# MLJ Environmental Rate Sheet – 2026

## Expense Reimbursement Schedule

MLJ Environmental will submit monthly invoices by the 15<sup>th</sup> of each month for the work performed in the prior month.

LABOR CLASSIFICATIONS HOUR	RATE	PER
Principal.....		240
Senior Cloud Architect.....		240
Senior Developer .....		230
Senior Program Manager.....		230
Program Manager .....		220
Cloud Architect.....		207
Database Administrator.....		180
Senior Data Manager .....		180
Product Manager .....		180
Data Manager .....		170
Project Manager/Senior Staff.....		170
Business Analyst.....		160
QA Officer .....		160
Product Designer .....		160
GIS Specialist.....		150
Web Developer .....		145
Staff Scientist III .....		140
Junior Project Manager.....		140
Data Analyst II .....		140
GIS Analyst.....		135
Staff Scientist II /Data Analyst.....		130
GIS Technician .....		120
Data Associate.....		115
Staff Scientist.....		115
Administrative Assistant.....		100
 <b>OTHER DIRECT CHARGES</b>		
Personal Vehicle Mileage .....	\$0.70/mile*	
Travel and Subsistence .....	Actual Cost	
4-Wheel Drive Truck Rental.....	\$135.00 per day	
Truck Rental Less than 6 hours.....	\$22.50 per hour	
Meter Rentals .....	\$30 - \$90 per day	
Black and White Printing.....	\$0.05 each	
Color Printing.....	\$0.50 each	
Scanning.....	\$0.50 each	
• Large Document Reproduction, Binding, etc. Subcontracted .....	Actual Cost + 10%	
• Rented Vehicles, Tools, and Other Equipment (including fuel, etc.) .....	Actual Cost + 10%	
• Express Delivery and Courier Services for Projects.....	Actual Cost + 10%	
Online Database Access for Projects .....	Actual Cost + 10%	



\*Based on current IRS 2025 rates. May be adjusted per IRS notifications.



Photo source: <https://mavensnotebook.com>

## Proposal for Kern County Subbasin Water Quality Implementation Services

*Submitted to:*

**Kern County Subbasin**

Attn: Trent Taylor  
Assistant General Manager  
Rosedale-Rio Bravo Water Storage District  
849 Allen Road  
Fresno, CA 93711

*Submitted by:*

**MLJ Environmental**

Melissa Turner  
2520 Venture Oaks Way, Suite 310  
Sacramento, CA 95833

[mtturner@mljenvironmental.com](mailto:mtturner@mljenvironmental.com)  
C: 916.607.5602 | O: 530.756.5200

Trent Taylor, Assistant General Manager  
Rosedale-Rio Bravo Water Storage District

Dear Mr. Taylor,

MLJ Environmental is pleased to submit our proposal to serve as the Water Quality Implementation Consultant for the Kern County Subbasin. Our primary value to the Subbasin is reducing implementation risk under the Water Quality Sustainable Management Criteria (WQ SMC) through tested groundwater quality programs, defensible data systems, and a team that can integrate smoothly with your existing consultants.

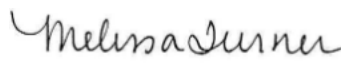
***Proven experience running similar groundwater quality programs at scale.*** MLJ currently administers the Central Valley Groundwater Monitoring Collaborative (CVGMC), supporting ten Coalitions through data management, quality assurance and quality control (QA/QC) review, and data management system (DMS) oversight. We also manage groundwater quality programs for several major Irrigated Lands Regulatory Program (ILRP) Coalitions and Sustainable Groundwater Management Act (SGMA) Groundwater Sustainability Agencies (GSAs). This work has given us proven methods for multi stakeholder coordination, exceedance follow up, and management of complex groundwater quality datasets in the same regulatory setting as Kern County.

***Reliable, repeatable, and transparent processes.*** For the Kern County Subbasin, our team will support you in translating WQ SMC requirements into clear workflows and schedules. We will coordinate bi-annual Representative Monitoring Well Water Quality (RMW WQ) program monitoring, facilitate domestic well notifications, support minimum threshold exceedance investigations, and prepare the water quality components of the Subbasin's Annual Report in a way that is transparent and reliable. Our internal QA structure and established procedures are designed to produce accurate, traceable, and defensible datasets that stand up to regulatory and stakeholder review while reducing day to day workload for Subbasin staff.

***Seamless integration with your consultant team.*** We recognize that success also depends on alignment with your existing consultant team. MLJ will work closely with EKI, GEI, the Well Mitigation Program Implementation Consultant, and the Kern Water Collaborative to maintain consistent methods, shared assumptions, and clear communication. The proposed team, led by Melissa Turner as Principal-in-Charge and Jennifer Glenn as Project Manager, brings a combined 40 years of experience in groundwater data management, program implementation, and regulatory reporting, supported by staff who work daily in SGMA and ILRP programs across California.

We appreciate the opportunity to support the Kern County Subbasin in implementing the WQ SMC and would welcome the chance to discuss our approach in more detail.

Sincerely,



Melissa Turner, President  
MLJ Environmental



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## Firm Qualifications and Project Team

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MLJ Environmental (MLJ) is pleased to submit this proposal to the Kern County Subbasin for consideration as the Water Quality Implementation Consultant under the Kern County Subbasin Groundwater Sustainability Plan (GSP). MLJ brings extensive experience coordinating groundwater quality programs, managing complex datasets, and providing technical leadership for both Irrigated Lands Regulatory Program (ILRP) Coalitions and Sustainable Groundwater Management Act (SGMA) Groundwater Sustainability Agencies (GSAs). In this role, MLJ will oversee implementation of the Water Quality Sustainable Management Criteria (WQ SMC), coordinate bi-annual monitoring, manage domestic well notifications, and collaborate with Subbasin consultants to ensure accurate, timely, and defensible reporting.

A central component of MLJ's qualifications is our administration of the **Central Valley Groundwater Monitoring Collaborative (CVGMC)**, supporting 10 participating Coalitions by managing submitted analytical and field data, performing QA/QC reviews, resolving discrepancies, and preparing final datasets. MLJ coordinates closely with groundwater consultants, Coalition leads, laboratories, and technical consultants, ensuring consistent data standards, streamlined workflows, and defensible reporting. MLJ developed and actively maintains the CVGMC Data Management System (DMS), a secure, centralized repository that enables standardized data storage, multi-Coalition trend analyses, and future data visualization tools.

MLJ's extensive experience also includes leading surface and groundwater quality monitoring and data management for the **East San Joaquin Water Quality Coalition (ESJWQC)**, **Westlands Water District (WWD)**, and **San Joaquin County & Delta Water Quality Coalition (SJCDWQC)**, overseeing regulatory reporting, database management, and cross-organizational communication. Similarly, MLJ supported the **Southeast Sacramento County Agricultural Water Authority and Central Coast Groundwater Coalition (CCGC)**, managing sampling logistics, monitoring networks, and data integration across diverse technical teams while ensuring regulatory compliance.

Across these programs, MLJ staff provide comprehensive project management, coordinate with multiple stakeholders, implement robust data quality controls, and maintain transparent, defensible reporting. Under the leadership of Melissa Turner, Principal-in-Charge, MLJ combines nearly two decades of experience with a skilled team of over 40 professionals in project management, data management, QA/QC, GIS, modeling, and technical reporting. This depth of experience uniquely positions MLJ to support the Kern County Subbasin in achieving its groundwater quality sustainability objectives through **effective coordination, rigorous data management, and technically robust program implementation.**

Further details on projects are provided in the **Project References** section, showcasing MLJ Environmental's expertise in groundwater data management, project coordination, and program oversight.

## Project Team

Jennifer Glenn will be the Water Quality Implementation Consultant for the Kern County Subbasin WQ SMC bringing with her extensive experience working with groundwater data, nitrate contamination, and diverse stakeholders. Her skills as a project manager with her understanding of nitrogen in groundwater and data management will allow her to excel in providing reliable communication and tracking of data essential for the success of the Water Quality Implementation Consultant. Melissa Turner will provide support and guidance as Principal-in-Charge, ensuring that Jennifer Glenn has full support in her role. Time for oversight by Melissa Turner is part of MLJ Environmental's commitment to this project and is not added to the budget.

MLJ Environmental's proposed project team combines scientific leadership with data and project management expertise to ensure high-quality and efficient project implementation.. Additional details on Ms. Turner's and Mrs. Glenn's qualifications and relevant projects are provided in the **Resumes** section.



### Melissa Turner

#### PRINCIPAL-IN-CHARGE

Years of Experience: 25+

Years with Firm: 20+

#### DEGREE(S)

MS, Animal Biology  
BS, Wildlife, Fisheries, and  
Conservation Biology

#### Relevant Experience

*Program Management of Multi-Stakeholder  
Monitoring Programs*

*Regulatory Compliance and Reporting under  
ILRP and Nitrate Control Program*

*Data System Design and Oversight for Multi-  
Coalition Monitoring*

Ms. Turner brings over 25 years of experience in water quality monitoring, surface and groundwater data management, and project coordination. As founding partner, President, and Principal-in-Charge at MLJ Environmental, she will provide strategic oversight for the Subbasin's Water Quality Implementation, ensuring high-quality, defensible program implementation. Ms. Turner currently serves on the Board of Directors for the Groundwater Resources Association (GRA), contributing statewide leadership on groundwater policy and management. She has led large-scale monitoring networks and data systems ensuring QA/QC and regulatory compliance, and has managed multi-coalition programs such as the Central Valley Groundwater Monitoring Collaborative and Central Coast Groundwater Coalition, integrating complex datasets and supporting coordination and communication across diverse stakeholders.



## Jennifer Glenn

### PROJECT MANAGER

Years of Experience: 14+

Years with Firm: 8+

### DEGREE(S)

M.S., Agricultural and Environmental Science, B.S., Chemistry and B.S., Environmental Science

### Relevant Experience

*Project Management of ILRP Coalition Monitoring Programs*

*Groundwater Data Management for Multi-Coalition Monitoring*

*Groundwater Data Compilation / Interpretation Coordination and Communication*

Ms. Glenn brings extensive experience in groundwater and surface water data management, QA/QC, and project management. Since joining MLJ Environmental in 2017, she has managed groundwater quality trend monitoring programs for multiple coalitions, including the Central Valley Groundwater Monitoring Collaborative, and is currently the Project Manager for the East San Joaquin Water Quality Coalition. She coordinates with laboratories, clients and technical consultants, manages databases, ensures data integrity, and supports compliance and reporting for multiple regulatory programs. Ms. Glenn will utilize her proven ability to guide multidisciplinary teams, maintain high data standards, and deliver consistent regulatory success to manage and execute all aspects of the Subbasin's Water Quality Implementation work.

## Project Understanding and Approach

MLJ Environmental recognizes that successful implementation of the Kern County Subbasin WQ SMC requires more than executing a set of technical tasks; it requires consistent coordination across agencies, disciplined data management practices, and proactive communication with the Subbasin's partners and consultants. Because water quality responsibilities intersect with the Well Mitigation Program, domestic well notifications, Subbasin data management, and annual reporting requirements, MLJ's role centers on **ensuring that these interconnected workflows function smoothly and predictably.**

The Kern County Subbasin GSAs rely on a unified process for tracking water quality trends, documenting exceedances, and communicating with affected well owners. MLJ understands that **accuracy, transparency, timely notifications, and clearly documented decisions** are essential for maintaining compliance with the GSP, supporting the Well Mitigation Program, and producing defensible Annual Report content. MLJ also recognizes the importance of alignment with other Subbasin service providers such as GEI, the Well Mitigation Program Implementation Consultant, and the Kern Water Collaborative, to maintain a consistent and streamlined process across all GSAs.

## Approach to Implementation

MLJ's approach is built around structured coordination, early issue identification, meticulous data handling, and clear documentation.

### **Structured Coordination Across Partners.**

MLJ will establish predictable communication channels with the GSAs, laboratories, GEI, the Well

Mitigation Program Implementation Consultant, and the Well Inventory Database Representative. Rather than functioning as an isolated technical consultant, MLJ will serve as the connective link between parties whose work depends on accurate and timely water quality information.

***Quality-Assured Data Management.***

MLJ prioritizes rigorous data validation and transparent recordkeeping. All monitoring results, exceedances, and notifications will be logged in a manner that supports both day-to-day program management and the Subbasin's long-term data needs. Data structures and formats will be aligned with GEI's DMS to reduce downstream rework and ensure compatibility with Subbasin reporting standards.

***Clear and Consistent Documentation.***

MLJ will maintain well-organized records of monitoring activities, exceedance documentation, notification status, and communication history. This documentation-oriented approach reduces the burden on GSAs, facilitates well mitigation follow-up, and ensures that annual reporting materials are readily assembled.

***Responsive and Predictable Workflow Management.***

MLJ's Project Manager will oversee all work, coordinate schedule checkpoints with Subbasin partners, and ensure timely delivery of all monitoring cycle outputs. MLJ will identify potential issues early, such as delayed lab data, ambiguous exceedance conditions, or discrepancies in well information, and work collaboratively with GSAs and consultants to resolve them.

***Integration with Well Mitigation Activities.***

Because exceedance tracking feeds directly into the water quality mitigation track, MLJ will coordinate closely with the Well Mitigation Program Implementation Consultant. MLJ's role is to ensure that exceedance information, domestic well notifications, and related datasets are complete, accurate, and available so that mitigation actions proceed without delay.

Overall, MLJ's approach emphasizes clarity, consistency, and cooperative problem-solving. By integrating data management, communication, and technical review into a unified workflow, MLJ will help the Kern County Subbasin GSAs meet WQ SMC requirements efficiently and with confidence.

## Scope of Work

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MLJ will implement the Kern County Subbasin WQ SMC through three coordinated tasks to ensure consistency, accuracy, and timely communication. All work described below will be performed by Project Manager, Jennifer Glenn.

# Task 1. Water Quality Sustainable Management Criteria Implementation

## TASK 1.1 MONITORING COLLECTION PROGRAM COORDINATION

MLJ will support the bi-annual RMW WQ monitoring program by coordinating with the GSAs and the laboratories responsible for collecting samples from the 55 representative monitoring wells and analyzing the six constituents of concern (arsenic, nitrate as N, nitrite, total dissolved solids (TDS), 1,2,3-Trichloropropane (1,2,3-TCP), and uranium). MLJ will confirm that all planned Spring and Fall sampling is completed on schedule. MLJ will provide suggested revisions to the Monitoring Protocol and updated electronic reporting templates by January 31, 2026, to support Spring 2026 sampling.

Upon receiving laboratory results, MLJ will review and validate the data, including checking for completeness, assessing hold-time compliance, and following up with the laboratory regarding any questions or issues. MLJ will coordinate with the appropriate GSA if any re-sampling is required.

MLJ will track all water quality results against the established minimum thresholds and water quality objectives, identify any exceedances that require Subbasin action, and notify the independent qualified professional assigned to conduct the Minimum Threshold Exceedance Investigation. MLJ will provide the data and communication support needed for investigations, as necessary. MLJ will also coordinate with the Well Mitigation Program Implementation Consultant when an exceedance is associated with a domestic well mitigation request.

Throughout each monitoring cycle, MLJ will maintain organized monitoring records and prepare bi-annual data packages formatted for GEI's DMS, including implementing any necessary template updates or recommended monitoring protocol refinements.

### TASK 1.1 DELIVERABLES

- Document tracking the coordination and notification steps.
- Reviewed laboratory Excel data files (bi-annually).
- Excel file tracking water quality exceedances and monitoring completeness.
- Template and protocol update recommendations.

### TASK 1.1 ASSUMPTIONS

- Timely receipt of laboratory data
- Laboratory data meets QA/QC standards.
- MLJ provides coordination and data support only.
- GEI DMS templates will be provided; any template updates will require approval.

## TASK 1.2 DOMESTIC WELL NOTIFICATION PROGRAM

MLJ will manage the domestic well notification workflow for all water quality exceedances by using the Subbasin's approved notification templates and the existing domestic well notification database. MLJ will identify domestic wells located within the required radius of each exceedance and prepare complete notification packages for the GSAs to deliver to the landowners of record.

Coordination with the Kern Water Collaborative will focus on confirming notification procedures and documenting the distribution of nitrate-related exceedance notifications. MLJ will also ensure compliance with all notification deadlines, including the 30-day requirement for nitrate exceedances and the 60-day requirement for non-nitrate exceedance notifications or investigations.

All notification activities will be logged and summarized to support Subbasin reporting needs, ongoing data management, and preparation of the Annual Report.

#### TASK 1.2 DELIVERABLES

- Notification packages for GSAs.
- Tracking and summarizing notifications for reporting.

#### TASK 1.2 ASSUMPTIONS

- MLJ will receive up to date notification templates.
- GSAs are responsible for sending notifications to landowners of record
- MLJ will be provided with landowner information.
- Well location data are accurate.

## Task 2. Coordination with the Well Inventory Database Representative

MLJ will coordinate with the Well Inventory Database Representative to support the maintenance, refinement, and application of the well inventory database for notification and water quality tracking purposes. MLJ will also work with other Subbasin consultants so that WQ SMC implementation, data formatting requirements, and DMS integration are aligned and compatible across all related workflows.

#### TASK 2 DELIVERABLES

- Recommendations for database improvements.
- Coordination summaries.

#### TASK 2 ASSUMPTIONS

- Well inventory is maintained by the Inventory Database Representative.

## Task 3. Annual Report Coordination

MLJ will support preparation of the Kern County Subbasin Annual Report by compiling, summarizing, and reporting water quality monitoring results. This work includes preparing narrative text, data summaries, exceedance counts, and WQ SMC compliance evaluations, such as tracking the percentage of RMW WQ samples exceeding thresholds and determining whether undesirable results criteria are triggered. MLJ will coordinate with both the Well Mitigation Program Implementation Consultant and the Annual Report consultant so that all water quality content is accurate, consistent, and ready for inclusion in the April 2027 submission.

### TASK 3 DELIVERABLES

- Annual Report content, including:
  - Complete monitoring results
  - Exceedance summaries
  - Notification documentation
  - Narrative text on WQ SMC implementation

### TASK 3 ASSUMPTIONS

- Timely data and guidance from Subbasin consultants.

## Project Schedule

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The following schedule assumes a January 2026 start date and spans 12 months. The timeline and associated **Proposed Budget** assumes that preparation for the Annual Report due in April 2027 will take place in November and December 2026.

- **Project Kick-Off (January 2026):** Review of program protocols, receipt of templates, and confirmation of workflow pathways.
- **Monthly:** monthly updates on coordination activities and water quality result tracking.
- **Spring Implementation (January – June 2026):** Coordination with the GSAs regarding well monitoring in the spring including data receipt and review, completeness checks, exceedance tracking, and exceedance notification packages (as needed).
- **Fall Implementation (May – October 2026):** Coordination with the GSAs regarding well monitoring in the fall including data receipt and review, completeness checks, exceedance tracking, and exceedance notification packages (as needed).
- **Annual Reporting (November 2026 – December 2026):** Prepare the narrative for the Annual Report pertaining to water quality monitoring and exceedance notifications (including supporting Excel files).

# Proposed Budget

The budget itemized in **Table 1** estimates the cost on a time-and-materials basis to facilitate and coordinate the Water Quality Implementation tasks as outlined in the Scope of Work above, for work performed from January through December 2026. Jennifer Glenn will notify the Kern County Subbasin if any project implementation differs from assumptions outlined above that could affect costs and/or timelines. MLJ will not perform work that exceeds the budget without consent from the Kern County Subbasin.

As Principal-in-Charg, Melissa Turner will provide strategic oversight and high-level program direction as part of MLJ Environmental’s commitment to this project at no additional cost. This approach reflects MLJ’s commitment to cost-effective program delivery by allocating billable hours only to staff directly responsible for day-to-day implementation, while still ensuring that the project benefits from senior-level expertise and consistent program stewardship.

*Table 1. MLJ Environmental Cost Estimate for 2026 Water Quality Implementation Services.*

Tasks		Hourly Rate	2026 Hours	2026 Cost
<b>Task 1. WQ SMC Implementation</b>				
1.1	Preparation of recommended updates to protocols and reporting templates.	\$170	5	\$850.00
1.1	Coordination on sampling logistics, analytes, and schedules.	\$170	15	\$2,550.00
1.1	Validation of laboratory data and comparison to minimum thresholds and water quality objectives.	\$170	4	\$680.00
1.1	Conversion of validated results into GEI DMS-compatible formats and preparation of bi-annual data submittals.	\$170	4	\$680.00
1.2	Preparation of notification packages and tracking.	\$170	8	\$1,360.00
<b>Task 1 Subtotal</b>				<b>\$6,120.00</b>
<b>Task 2. Coordination with Well Inventory Database Representative</b>				
2.1	Coordination with Well Inventory Database Representative and database updates.	\$170	12	\$2,040.00
<b>Task 2 Subtotal</b>				<b>\$2,040.00</b>
<b>Task 3. Annual Report Coordination</b>				
3.1	Development of tables, data formatting, and analysis of WQ SMC performance metrics. Drafting and refining Annual Report water quality narrative text.	\$170	16	\$2,720.00
3.1	Coordination with Subbasin consultants	\$170	2	\$340.00
<b>Task 3 Subtotal</b>				<b>\$3,060.00</b>
			<b>Total</b>	<b>\$11,220.00</b>

## Project References

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The projects summarized below highlight MLJ Environmental's strength in groundwater quality program coordination, reliable processes for data management, and technical leadership pertaining to groundwater quality initiatives across stakeholder groups and technical consultants. Our team brings extensive experience developing and managing complex regulatory programs, maintaining high-quality data systems, and ensuring that project workflows remain timely, accurate, and compliant with all applicable requirements.

### Central Valley Groundwater Monitoring Collaborative (CVGMC)

<b>Years Performed</b>	2019 – present
<b>Firm Role</b>	Subcontractor for Data Management and Quality Assurance
<b>Reference Contact Information</b>	David Cory, (916) 716-5815, <a href="mailto:farmeratlaw@comcast.net">farmeratlaw@comcast.net</a>

#### **Description and Staff Roles**

In partnership with Luhdorff & Scalmanini Consulting Engineers (LSCE), MLJ Environmental provides comprehensive program coordination, data management, and technical leadership to the 10 participating Coalitions in the Central Valley Groundwater Monitoring Collaborative (CVGMC). MLJ manages the flow of all groundwater monitoring data, including collection, verification, and QA/QC review of submitted analytical and field datasets, resolution of discrepancies with field crews and laboratories, and preparation of final datasets for regulatory reporting. MLJ facilitates continuous communication and coordination with LSCE and other technical consultants, Coalition leads, and laboratories, ensuring consistent data standards, efficient workflows, and defensible reporting across multiple organizations. Under the leadership of Melissa Turner, Principal-in-Charge, MLJ developed, maintains, and actively utilizes the CVGMC Data Management System (DMS), a centralized, secure repository that enables standardized data storage, multi-Coalition trend analyses, and future enhancements for online data visualization and participant engagement. Up through 2024, Jennifer Glenn served as the Project Manager for the participating CVGMC coalitions managing data processes and integration and also directly on the CVGMC project to ensure consistency with data management criteria for the 5-Year Trend Report. MLJ's long-standing role highlights its expertise in coordinating across diverse stakeholders, managing complex datasets, and delivering accurate, timely, and fully transparent groundwater quality information.

### East San Joaquin Water Quality Coalition (ESJWQC)

<b>Years Performed</b>	2004 – present
<b>Firm Role</b>	Technical Consultant for ILRP Compliance (Region 5)
<b>Reference Contact Information</b>	Caitie Diemel, (209) 522-727, <a href="mailto:caitiec@stanfarmbureau.org">caitiec@stanfarmbureau.org</a>

#### **Description and Staff Roles**

As the lead contractor to the ESJWQC, MLJ Environmental has provided comprehensive program coordination, data management, and technical leadership since the Coalition's formation under the first General Order for a third-party group in 2003. MLJ guided the development of foundational regulatory documents, including the first Groundwater

Assessment Report and Groundwater Quality Trend Monitoring Work Plan, prepared by Luhdorff and Scalmanini Consulting Engineers (LSCE), and has since overseen the integration, organization, and evaluation of groundwater quality datasets across both ILRP and SGMA programs. Under the leadership of Melissa Turner, Principal-in-Charge and Jennifer Glenn, Project Manager, MLJ manages all regulatory deliverables, maintains consistent data standards, coordinates with technical consultants and the Regional Water Board, and ensures that program elements remain aligned with evolving requirements. MLJ's role includes managing data flows from multiple sources, supporting SGMA-ILRP data alignment where monitoring networks overlap, and ensuring that all information is processed, validated, and reported accurately and efficiently.

## Central Coast Groundwater Coalition (CCGC)

<b>Years Performed</b>	2013 – 2020
<b>Firm Role</b>	Technical Consultant for ILRP Compliance (Region 3)
<b>Reference Contact Information</b>	Parry Klassen, (559) 288-8125, <a href="mailto:klassenparry@gmail.com">klassenparry@gmail.com</a>

### **Description and Staff Roles**

MLJ Environmental served as the lead contractor for the Central Coast Groundwater Coalition groundwater monitoring and reporting program and provided comprehensive oversight of subcontractors delivering groundwater technical services. Under the direction of Melissa Turner, Project Manager, MLJ managed all aspects of program implementation and coordination including working closely with the geology firm, Hydrofocus, and eventually LSCE when they were brought in towards the end of the project. Through this work, MLJ developed an exceptional understanding of the unique needs and challenges of large-scale groundwater trend monitoring programs, including the logistics and effort required to sample hundreds of wells across a broad geographic region. MLJ also created essential tools to support program implementation, such as groundwater monitoring QAPPs, sampling and analysis plans, custom databases for tracking well and well owner information, including demographic details, precise locations, water quality data, and exceedance notifications consistent with Central Coast Regional Water Quality Control Board requirements.

## Staff Resumes

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### Melissa Turner

#### PRINCIPAL-IN-CHARGE

Years of Experience: 25+

Years with Firm: 20+

#### DEGREE(S)

MS, Animal Biology, University of California, Davis

BS, Wildlife, Fisheries, and Conservation Biology, University of California, Davis

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#### Relevant Experience

*Program Management of Multi-Stakeholder Monitoring Programs*

*Regulatory Compliance and Reporting under ILRP and Nitrate Control Program*

*Data System Design and Oversight for Multi-Coalition Monitoring*

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#### BACKGROUND

Ms. Turner has over 25 years of experience in water quality monitoring, data management, chemistry and toxicity, fish ecology, and project management. As a founding partner and current President of MLJ Environmental, she has overseen the development and implementation of data systems, monitoring networks, and compliance reporting that directly parallel the objectives of the WWD groundwater monitoring project. Her expertise bridges the technical, regulatory, and stakeholder aspects of large-scale agricultural water quality monitoring programs.

Ms. Turner was the initial manager of the Central Valley Regional Data Center at the University of California, Davis, which provides one of the largest water quality datasets in the Central Valley to the California Environmental Data Exchange Network (CEDEN). She has since managed regional monitoring programs and multi-coalition collaborations, focusing on integrating diverse datasets into comparable formats, ensuring QA/QC, and supporting regulatory submittals - critical experience for ensuring the completion of the WWD groundwater monitoring as proposed within budget and timeframe.

#### RELEVANT PROJECTS

##### Irrigated Lands Regulatory Program (ILRP)

Ms. Turner has extensive experience designing, implementing, and evaluating monitoring programs to assess agricultural discharges and their impacts on downstream beneficial uses. She has provided technical support for multiple Central Valley agricultural coalitions, including the San Joaquin County & Delta Water Quality Coalition, East San Joaquin Water Quality Coalition, Westside San Joaquin River Water Coalition, Grassland Drainage Authority Coalition, and Westlands Water Quality Coalition. Her expertise extends statewide, supporting coalitions in the Sacramento Valley, Central Coast, and Colorado River Region.

##### Central Valley Groundwater Collaborative (CVGMC)

As Project Manager for the CVGMC, Ms. Turner oversees development of a Data Management System enabling ten coalitions to load groundwater data via online tools for efficient trend

analysis across coalition boundaries. The system supports ILRP compliance and Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) Surveillance and Monitoring Program requirements. She also manages the development of a QuickSight-based visualization tool, allowing coalition members to generate real-time graphs and charts with customizable filters.

### Central Coast Groundwater Coalition (CCGC)

The Central Coast Groundwater Coalition (CCGC) was a cooperative organization formed to administer groundwater monitoring programs for landowners and operators within the Central Coast region of California as part of Ag Waiver 2.0. Its main objective was to evaluate groundwater quality across both domestic and irrigation wells, focusing on nitrate and other contaminants of concern. From 2013 to 2020, Melissa Turner provided oversight of subcontractors for technical groundwater services, developing quality assurance project plans and sampling protocols, and managing databases that included complex well-owner demographics, ranch and well locations, and water quality data. The monitoring program involved the sampling of over 2,600 wells throughout the Central Coast region, compliance with Regional Water Board requirements, notification of water users regarding contamination findings, and preparation of technical reports documenting monitoring results and trends. Data from the program has been used to help local regulatory agencies identify areas with potentially unsafe drinking water, assess basin health, and support statewide groundwater protection goals.



## Jennifer Glenn

### PROJECT MANAGER

Years of Experience: 14+

Years with Firm: 8+

### DEGREE(S)

M.S., Agricultural and Environmental Science, University of California, Davis.

B.S., Chemistry, University of Florida, Gainesville.

B.S., Environmental Science, University of Florida, Gainesville.

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### Relevant Experience

*Project Management of ILRP  
Coalition Monitoring Programs*

*Groundwater Data Management  
for Multi-Coalition Monitoring*

*Groundwater Data Compilation /  
Interpretation*

*Coordination and Communication*

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### BACKGROUND

Jennifer Glenn began working with MLJ Environmental in 2017. Previously, Ms. Glenn worked as a chemist for a private agricultural laboratory. While at the University of California, Davis, she was a Graduate Student Researcher and investigated the biogeochemical cycles of carbon and nitrogen in rice and corn crops in the Sacramento San Joaquin Delta.

Ms. Glenn is responsible for processing and reporting data for surface water monitoring programs for several coalitions under the Irrigated Lands Regulatory Program (ILRP). Ms. Glenn manages the groundwater quality trend monitoring program data for 13 agricultural coalitions. Ms. Glenn works on data entry and QA/QC for Nitrogen Management Plan and Irrigation and Nitrogen Management Plans for East San Joaquin Water Quality Coalition, San Joaquin County and Delta Water Quality Coalition, Westside San Joaquin River Watershed Coalition, and Grassland Drainage Area Coalition.

### RELEVANT EXPERIENCE

#### Irrigated Lands Regulatory Program (ILRP)

As Project Manager for the East San Joaquin Water Quality Coalition (ESJWQC), Jennifer Glenn oversees all aspects of groundwater and surface water quality programs, ensuring compliance with regulatory requirements under the ILRP. She provides technical guidance and strategic support for program implementation, including coordination among field crews, laboratories, data management teams, and coalition stakeholders. Ms. Glenn manages data QA/QC, prepares and submits regulatory reports, tracks project budgets, and coordinates complex schedules to align monitoring, laboratory analysis, and reporting deadlines. Her experience leading multi-faceted water quality programs has strengthened coalition efficiency, improved data quality, and enhanced communication with regulators and stakeholders.

#### Central Coast Groundwater Coalition (CCGC)

Ms. Glenn managed the groundwater data for the Central Coast Groundwater Coalition under the ILRP. She verified groundwater well sampling information and conducted QA/QC checks in accordance with the CCGC QAPP. She formatted well results and imported and exported data, including relevant well information, into internal databases and GeoTracker. Ms. Glenn

maintained queries to communicate results to coalition members and track exceedances of the nitrate Maximum Contaminant Level. She also supported membership management and assisted with the preparation and management of quarterly reports and compliance evaluation reports.

### Groundwater Data Management for CVGMC & ILRP

Ms. Glenn managed the groundwater quality trend monitoring program data for each Coalition in the Central Valley Groundwater Monitoring Collaborative (CVGMC), as well as for the Sacramento Valley Water Quality Coalition and the San Joaquin County & Delta Water Quality Coalition. She verified and conducted QA/QC checks on groundwater data in accordance with each program's Quality Assurance Plan, including formatting water quality results, coordinating with laboratories, and importing and exporting data and relevant well information into internal databases and GeoTracker. Ms. Glenn collaborated with project managers, technical consultants and Coalition leads to communicate results to members and track exceedances of the nitrate Maximum Contaminant Level. She also supported the preparation of Annual Monitoring Reports and other regulatory deliverables.

### Chemist, Denele Analytical, Inc.

Ms. Glenn was responsible for developing and managing a new laboratory facility to process agricultural and environmental samples including water (wastewater, potable, and irrigation), soils, and plant tissue using state approved methodologies. She developed an understanding of a wide range of analytical instruments, laboratory methods, and Laboratory Information Management Systems which ensures that communication with contract laboratories is efficient and productive.

# MLJ Environmental Rate Sheet – 2026

## Expense Reimbursement Schedule

MLJ Environmental will submit monthly invoices by the 15<sup>th</sup> of each month for the work performed in the prior month.

LABOR CLASSIFICATIONS	RATE PER HOUR
Principal.....	240
Senior Cloud Architect.....	240
Senior Developer .....	230
Senior Program Manager.....	230
Program Manager .....	220
Cloud Architect.....	207
Database Administrator.....	180
Senior Data Manager .....	180
Product Manager .....	180
Data Manager .....	170
Project Manager/Senior Staff.....	170
Business Analyst.....	160
QA Officer .....	160
Product Designer .....	160
GIS Specialist.....	150
Web Developer .....	145
Staff Scientist III .....	140
Junior Project Manager.....	140
Data Analyst II .....	140
GIS Analyst.....	135
Staff Scientist II /Data Analyst.....	130
GIS Technician.....	120
Data Associate.....	115
Staff Scientist.....	115
Administrative Assistant.....	100
OTHER DIRECT CHARGES	
Personal Vehicle Mileage .....	\$0.70/mile*
Travel and Subsistence .....	Actual Cost
4-Wheel Drive Truck Rental.....	\$135.00 per day
Truck Rental Less than 6 hours.....	\$22.50 per hour
Meter Rentals .....	\$30 - \$90 per day
Black and White Printing.....	\$0.05 each
Color Printing.....	\$0.50 each
Scanning.....	\$0.50 each
• Large Document Reproduction, Binding, etc. Subcontracted .....	Actual Cost + 10%
• Rented Vehicles, Tools, and Other Equipment (including fuel, etc.).....	Actual Cost + 10%
• Express Delivery and Courier Services for Projects.....	Actual Cost + 10%
Online Database Access for Projects .....	Actual Cost + 10%

\*Based on current IRS 2025 rates. May be adjusted per IRS notifications.

**PROPOSAL FOR CAWELO WATER DISTRICT  
SCOPE OF WORK FOR KAHN, SOARES & CONWAY  
ASSISTANCE TO KERN COUNTY GSAS RE: DEGRADED WATER QUALITY PROVISIONS  
AND WELL MITIGATION PROGRAM IMPLEMENTATION**

**JANUARY – DECEMBER 2026**

The Scope of Work provided here covers the time-period of January through December 2026.

<b>Task</b>	<b>Estimated Hours</b>	<b>Estimated Costs</b>
Task 1 – Coordination and Internal Meetings with Subbasin Committees, Subbasin leads, Cawelo Water District	30 hours	\$ 13,500.00
Task 2 – Revise Kern Subbasin Well Mitigation Program to Include State Small Financial Assistance Track and other revisions as directed by the Kern Subbasin and Mitigation Program Committee; prepare template letters for Kern Subbasin as requested	40 hours	\$ 18,000.00
Task 3 – Participate in external meetings with State Water Board members and staff; DWR staff; SHE; and, others – as requested re: Degraded Water Quality Provisions and Mitigation Program	10 hours	\$ 4,500.00
Task 4 – Coordination with Mitigation Sub-Committee, as requested; Advise Mitigation Sub-Committee on Mitigation and Degraded Water Quality Implementation	30 hours	\$ 13,500.00
<b>Total</b>		<b>\$ 49,500.00</b>



December 19, 2025

## PROPOSAL – SCOPE OF WORK

- To:** David Halopoff, Cawelo Water District  
Trent Taylor, Rosedale-Rio Bravo Water Storage District  
Michelle Anderon, Kern County Water Agency  
Raul Barraza, Arvin Community Services District  
Kris Lawrence, Shafter-Wasco Irrigation District
- From:** Mike Maley, PG, CHG, Principal Hydrogeologist, Todd Groundwater  
Maureen Reilly, PE, Principal Engineer, Todd Groundwater
- Re:** **Proposal –Kern County Subbasin Water Quality Exceedance Investigation and Technical Evaluation**

The Kern County Subbasin (Basin No. 5-022.14) is the largest subbasin in the State, has been designated as critically overdrafted, and is governed by a collaborative group of water districts, water storage districts, irrigation districts, and municipalities. These agencies manage a complex water supply system that includes a large portfolio of local and imported water sources and access to flood waters from throughout the State. These sources are used not only for water supply within the Subbasin, but also for local managed aquifer recharge projects and numerous large water banking projects, which collectively provide both local and State-wide water supply and water quality benefits. To comply with the Sustainable Groundwater Management Act (SGMA), local agencies are organized into Groundwater Sustainability Agencies (GSAs) that coordinated to produce Groundwater Sustainability Plans (GSPs) covering the entire Subbasin.

In March 2023, the Subbasin received notification of a determination by the Department of Water Resources (DWR) that the 2022 GSPs prepared by the Subbasin GSAs were collectively inadequate. The Subbasin was referred to the State Water Resources Control Board (SWRCB) to determine if probation was necessary. Since March 2023, a variety of Subbasin-wide coordination activities were conducted to amend the 2022 GSPs. Since March 2023, the Subbasin has been working with SWRCB staff to respond to the DWR identified deficiencies and additional concerns from SWRCB staff. This included establishment by the Subbasin GSAs of a Technical Working Group (TWG) that held regular technical meetings with SWRCB staff.

In August 2025, the Subbasin GSAs adopted the 2025 Plan for the Kern County Subbasin (2025 Plan), which is identified as multiple plans with a single Coordination Agreement to address deficiencies identified by DWR and address additional deficiencies and potential

actions identified through TWG coordination with SWRCB staff. In a Public Hearing held on September 17, 2025, the SWRCB voted to release Kern Subbasin from prohibition and officially return jurisdiction to DWR. Included in the 2025 plan were a water quality monitoring program, mitigation plan, and water quality exceedance plan. We understand that the goal of the Kern Subbasin GSAs (Kern GSAs) is to implement the plans and policies outlined in the 2025 Plan.

## **APPROACH FOR WATER QUALITY EXCEEDANCE INVESTIGATIONS**

As noted above, the Kern Subbasin continues to coordinate the implementation of the 2025 Plan. The Kern GSAs want a single, unified approach to implementing water quality monitoring, data management, and data assessment that will apply to the entire Subbasin. We understand that one of the key goals of the Kern GSAs in implementing the 2025 Plan is to provide a clear and transparent process that will be followed in the event of a water quality exceedance.

We have evaluated the scope of work presented in the request for proposals (RFP) for this project and have crafted our approach in response.

Similar to the RFP scope, we envision the process for evaluating water quality exceedances will include the four main task categories summarized below:

1. **Develop Templates:** Todd Groundwater will develop a clear list of tasks to be completed after each biannual Representative Monitoring Well (RMW) monitoring event and any domestic well water quality testing. These tasks will be incorporated into two templates that define the steps to be taken to investigate each occurrence of individual well water quality testing that returns results with exceedances above the 2025 Plan Minimum Thresholds (MTs) for constituents of concern. Collectively, these steps will be the foundation of Exceedance Investigations and/or Technical Evaluations (as differentiated below) to be completed following any and all MT exceedances. The first template will address the steps to be taken to evaluate results from biannual RMW monitoring and will define related Exceedance Investigations for RMW exceedances. The second template will address elective testing of domestic and other private wells and will establish the steps and procedures for related Technical Evaluations of exceedances in those wells. Each template will be developed with input from the Kern GSAs, and draft templates will be available for discussion prior to finalization.
2. **Exceedance Investigation – Biannual RMW Network Monitoring:** Once the template for assessing RMW water quality conditions compared to MTs is developed and agreed to by the Kern GSAs, Todd Groundwater will implement it following each biannual monitoring event. These monitoring events are defined in the 2025 Plan and should include Subbasin-wide RMW sampling in the spring and fall. MT exceedances in any individual well will trigger an Exceedance Investigation that will apply the steps identified in the RMW Water Quality MT (RMW-WQ MT) template from step 1 above. Todd staff responsible for the investigation will give a full report on these evaluations,

including recommendations for next steps on all exceedances, to the Kern GSAs in a Manager's Meeting.

3. **Technical Evaluation - Domestic Wells:** As specified in the mitigation policy in the 2025 Plan, domestic well owners and users may monitor or request monitoring of their wells. If testing of any domestic wells shows water quality constituent concern concentrations above the relevant MT, Todd Groundwater initiate a Technical Evaluation. Domestic well Exceedance Investigations will include review the water quality data from the affected domestic well, assessment of conditions in other wells close to the domestic well(s), and evaluation of current and historical land use in the affected area. The Exceedance Investigation will focus on assessing if the Water Quality Objective (WQO) exceedance is a result of groundwater management activities and evaluate the long-term mitigation proposed in the 2025 Plan Domestic Well Assessment. These investigations will be conducted on an as-needed basis. Todd staff responsible for domestic well Exceedance Investigations will report to the Kern GSAs in a Manager's Meeting.
4. **Coordination:** Todd Groundwater will continue to coordinate with the Kern GSAs and all consultants who are involved with the well mitigation program, water quality monitoring, and well inventory efforts.

## **SUBBASIN-WIDE COORDINATION EXPERIENCE**

As noted above, the Kern Subbasin continues to implement the 2025 GSP through Subbasin-wide coordination. We understand that the Kern GSAs want to be fully engaged in Subbasin-wide coordination efforts coordination and desire clear streamlined processes.

Todd Groundwater continues to be highly active in multiple Subbasin-wide coordination activities since the beginning of the SGMA process including GSP preparation, groundwater model development, TWG participation, Annual Report preparation, 2025 Plan preparation and other groundwater related tasks. Through this experience, Todd Groundwater has an extensive background in understanding the local groundwater conditions and groundwater management practices in the Subbasin that will help support their stated goal of better and more consistent Subbasin-wide coordination. In brief, this experience includes:

- **Cawelo GSA GSP** – Mike Maley was Project Manager for preparation of the original GSP submitted in January 2020 and Revised GSP that responded to DWR's Incomplete Determination submitted in July 2022.
- **Kern River GSA GSP** – Todd Groundwater prepared the original GSP submitted in January 2020. Maureen Reilly has been working closely with KRGSA to implement the 2025 Plan and serves as their representative on the TWG.
- **Technical Working Group (TWG)** – Todd Groundwater is actively participating with the TWG to advise the Coordination Committee on methods for coordinated Subbasin-wide efforts, including the development of the 2025 Plan and its implementation. Maureen Reilly has been involved in the Water Quality Subcommittee and the development of the Water Quality Exceedance Action Plan.

- **C2VSimFG-Kern Model Development** – Todd Groundwater developed the current Subbasin groundwater model, C2VSimFG-Kern, for the 2020 GSPs by updating DWR’s C2VSimFG model with local managed water supply and demand data to develop Subbasin-wide water budgets using a consistent methodology and evaluating the aggregated 2025 Plan Projects and Management Actions.
- **Basin Study** – Todd Groundwater is the technical lead for a comprehensive study funded by a DWR grant to address data gaps and improve the overall methodology for determining water budgets for the entire Subbasin. A revised Subbasin-focused groundwater-surface water model, IWFM-Kern, will be one of the key deliverables of the Basin Study.
- **Kern County Subbasin Annual Reports** – Todd Groundwater has prepared the four Annual Reports submitted to DWR since 2020. The annual report includes compiling water budget data from water agencies and updating the C2VSimFG-Kern model for an updated water budget.
- **Data Management System (DMS) Development Support** – Technical support to the DMS Group for adding local water budget data into the DMS to support future Annual Report production.
- **Other Local Projects** – Todd Groundwater has worked on multiple local hydrogeological, planning and modeling projects for several Subbasin agencies including North Kern WSD, Kern Delta WD, Buena Vista WSD, Kern Fan Monitoring Committee, City of Bakersfield, and Wheeler Ridge-Maricopa WSD.

Todd Groundwater will provide project team members with Kern County Subbasin experience to support the preparation of the new Water Quality Exceedance Investigations. The following provides our proposed scope of services, cost estimate and schedule for this work. A cost estimate is provided at the end of this text on **Table 1**.

## **PROPOSED SCOPE OF SERVICES**

The framework established by SGMA and described in the 2025 Plan defines water quality exceedances as an undesirable result to be mitigated by sustainable groundwater management. If water quality exceedances are reported, the 2025 Plan requires that an investigation assess if they are the result of groundwater management activities (e.g., groundwater pumping and/or recharge activities).

Water quality is monitored biannually by the Kern GSAs at RMWs. Water quality at each RMW is compared to established RMW-WQ MTs to check for the occurrence of exceedances. If exceedances are identified, an Exceedance Investigation will assess if the exceedances are the result of groundwater management activities. The monitoring approach assumes that water quality at RMWs also represents conditions in the domestic and non-public wells within the RMWWQ Zone of Influence surrounding each RMW. Adverse findings in an RMW thus require that a water quality investigation consider those private wells.

Additional water quality data may be reported from private wells outside of the biannual sampling program defined in the 2025 Plan. For wells outside of an RMW-WQ Zone of Influence, non-nitrate WQOs are used to establish exceedances at private wells, and a separate Technical Evaluation workflow and report template is to be followed.

The following proposed scope of services can be broadly organized into three categories: template development to produce the workflows and standardized report formats to address exceedances, and the two subsets of subsequent investigations triggered by water quality exceedances. Both the workflow and investigations will be coordinated with the Kern Subbasin Water Quality Consultant.

### **Task 1. Template Development**

Task 1 consists of the development of a standard template for consistency in conducting the RMW-MT Exceedance Investigations and Technical Evaluations. Our approach used is based on the requirement outlined in Appendix G (Kern Subbasin Well Mitigation Program) and Appendix K (Kern Subbasin Exceedance Policy And Action Plans) of the 2025 Plan.

#### **Task 1a Develop RMW-WQ MT Exceedance Investigation Template**

To address MT exceedances identified during biannual sampling at RMWs, Todd Groundwater will develop an RMW-WQ Exceedance Investigation Template consisting of a workflow outlining the approach and a standardized report template. The workflow may consist of flow charts and narrative descriptions. We will prepare a Draft RMW-WQ Exceedance Investigation Template in conformance with the Kern Subbasin Exceedance Policy and Action Plans and provide the draft to the Kern Subbasin Groundwater Sustainability Agencies for review and comment. After addressing comments, we will finalize the RMW-WQ Exceedance Investigation Template.

#### **Task 1b Develop Technical Evaluation Template**

For WQO exceedances reported in private wells outside of GSA key well zones of influence, we will prepare a Draft Technical Evaluation in conformance with the Kern Subbasin Well Mitigation Program and Degraded Water Quality Implementation Provisions (Kern GSP Appendix K-2). In a similar format to Task 1a, the template will include both an evaluation workflow framework and a standardized report template. The Draft Technical Evaluation Template will be provided to the Kern Subbasin Groundwater Sustainability Agencies for review and comment, after which it will be edited and finalized.

### **Task 2. RMW-WQ MT Exceedance Investigation**

Task 2 consists of the development of the RMW-WQ MT Exceedance. Our approach used is based on the requirement outlined in Appendix K (Kern Subbasin Exceedance Policy And Action Plans) of the 2025 Plan.

#### **Task 2a Post-Event Data Initial Screening**

Following each semi-annual water quality sampling event, analytical results from RMWs will be compared to RMW-WQ MTs exceedances and exceedances will be identified.

Data screening after sampling events and any subsequent investigations will be coordinated with the Well Inventory Database Representative to identify and document relevant domestic and non-public well locations and construction information. We will coordinate with the Water Quality Consultant and Data Management System Representative to review, evaluate, and utilize water quality and well information as publicly available groundwater quality information to be utilized in the RMW-WQ Exceedance Investigation(s) are incorporated into the Subbasin databases.

### **Task 2b RMW-WQ MT Exceedance Investigations**

The workflow established in Task 1a will be followed to assess if each exceedance is a result of groundwater management activities.

If an Investigation links water quality exceedances to management activities, the investigation will evaluate whether domestic and other non-public wells within the respective RMWWQ Zone of Influence are also impacted due to groundwater management activities for constituents of concern identified in Section 13 of the Kern GSP.

Results will be reported in the Final RMW-WQ MT Exceedance Investigation report(s), signed by a Todd Groundwater State of California-licensed Professional Geologist or Engineer. Todd Groundwater staff will be available to attend Kern Subbasin Mitigation Evaluation Committee (KMEC) meetings to provide technical support as it relates to RMW-WQ MT Exceedance Investigations.

### **Task 3. Technical Evaluation**

Task 3 consists of the development of the RMW-MT Exceedance. Our approach used is based on the requirement outlined in Appendix G – Section 7 (Degraded Water Quality Mitigation Track Application Process) of the 2025 Plan.

#### **Task 3a Data Screening**

Todd Groundwater will screen domestic well water quality analyses to identify if WQO exceedances are present. Screening of data received from the Well Mitigation Program Consultant and Domestic Well Assessment completed by Kern Subbasin contractors and/or partners is assumed to be an ongoing and continuous process. We will coordinate with the Water Quality Consultant and Data Management System Representative to utilize publicly available groundwater quality information in Technical Evaluation screening processes. If an exceedance is identified, the screening process will identify if an RMW-WQ Exceedance Investigation has been completed in the proximate area. If not, a Technical Evaluation will be conducted.

### **Task 3b Technical Evaluations**

For private wells non-nitrate WQO exceedances not associated with RMW-WQ Exceedance Investigations, a Technical Evaluation will be completed following the template established in Task 1b.

If it is found in the Technical Evaluation that a non-nitrate WQO exceedance is a result of groundwater management activities, the Technical Evaluation will evaluate the long-term mitigation proposed in the Domestic Well Assessment. Results will be reported in Final Technical Evaluation report(s), signed by a Todd Groundwater State of California-licensed Professional Geologist or Engineer. Todd Groundwater staff will be available to attend KMEC meetings to provide technical support as it relates to Technical Evaluations.

### **Task 4. Coordination with Well Inventory Database Representative**

Todd Groundwater will consult and coordinate with the Well Inventory Database Representative as it relates to the well inventory database and its use in the RMW-WQ MT Exceedance Investigation(s). Todd Groundwater is experienced in interacting with the Kern County Subbasin Data Management System (DMS) through our work on the Annual Report and model updates.

### **Task 5. Coordination with Water Quality Consultant and Data Management System Representative**

Todd Groundwater will consult and coordinate with the Water Quality Consultant and Data Management System Representative as it relates to publicly available groundwater quality information to be utilized in the RMW-WQ Exceedance Investigation(s) and Technical Evaluation(s). Todd Groundwater is experienced in interacting with the Kern County Subbasin Data Management System (DMS) through our work on the Annual Report and model updates.

## **COST ESTIMATE AND SCHEDULE**

The proposed scope of services includes activities associated with Kern County Subbasin Water Quality Investigations and Evaluations. The cost estimate, schedule and project team for completing this scope of services are described below.

### **Cost Estimate**

Based on the scope of work described herein, we have estimated costs for the Kern County Subbasin Water Quality Investigations and Evaluations as shown on the Table 1. The proposed cost estimate is a “not-to-exceed” amount of \$150,600. The largest level of effort is assigned to Task 2 for the RMW-WQ MT Exceedance Investigation. A majority of effort is also assigned to Tasks 1, 2 and 3 to develop the template, perform the water quality investigations and evaluations, and conduct the Technical Evaluations for domestic wells.

As an initial estimate, we can accommodate approximately 20 RMW-WQ MT Exceedance Investigations and 8 Technical Evaluations. We anticipate that the initial investigations and evaluations will take more time as we work through initiating the process, and that this process will get more efficient over time. The Subbasin-wide coordination process introduces some uncertainty about the level of involvement; however, we consider that the scope and costs have been developed with a good understanding of the Kern County Subbasin recently completed GSP or the 2025 Plan. Because the uncertainties associated with initiating a new process, we will communicate with the Subbasin GSAs on how much time it takes to conduct these investigations and evaluations for future planning. Throughout the project, Todd Groundwater will look for opportunities for cost and time savings and provide recommendations on options to streamline the process.

Our proposed level of effort is provided by task in Table 2 (following the text). Hours are provided by staff classifications, illustrating the emphasis on senior professionals for critical work tasks and use of more cost-effective staff for technical support. We have also included hours for administrative support in the table.

**Table 1. Cost Proposal for Water Quality Investigations and Evaluations**

\*Tasks 2 & 3 will be invoiced T&M to the respective agency where the investigation/evaluation is being conducted

TASKS	Estimated Hours	Estimated Cost
Task 1: Template Development	90	\$24,160
<del>Task 2: RMW-WQ-MT Exceedance Investigation*</del>	250	<del>\$65,320</del>
<del>Task 3: Technical Evaluation*</del>	182	<del>\$46,800</del>
Task 4: Coordination with Well Inventory Database Representative	28	\$7,160
Task 5: Coordination with Water Quality Consultant and Data Management System	28	\$7,160
<b>TOTAL</b>	<b>578</b>	<b>\$150,600</b>

Total for Subbasin Cost Share 26-01: \$38,480

**Schedule**

The Template Development task requires that these been developed by March 2026 or 60 days from the contract execution. We will have our team available to conduct this work upon approval of the contract.

The MT Exceedance Schedule will be determined by the water quality monitoring. We assume that we will receive two batches of RMW-MT Exceedances to evaluate from the Subbasin’s Water Quality Consultant that correspond to the semi-annual reporting of data to DMS. The investigations must be completed within 60 days of receipt of an RMW-MT Exceedance.

The MT Exceedance Schedule will be determined their submittal to the Kern County Subbasin under the Well Mitigation Program. No set time period was identified in the GSP for completing the Technical Evaluation. We will coordinate with the Subbasin Well Mitigation

Subcommittee on completion of this task to determine the appropriate time necessary on a case-by-case basis depending on the overall complexity of the issue.

## KEY PROJECT TEAM MEMBERS

Todd Groundwater proposes a selected team, who bring groundwater basin management experience, SGMA expertise, requisite technical skills, and knowledge of the Kern County Groundwater Subbasin.

- Maureen Reilly, PE, will be the Technical Lead who will work closely with the technical team to set up the Water Quality Exceedance Investigations and Technical Evaluations consistent with the procedures that provide Water Quality and Well Mitigation Programs for the 2025 Plan for the Subbasin.
- Mike Maley, PE, PG, CHg, CEG, will serve as the Project Manager and provide resource on hydrogeological and groundwater management knowledge of the Subbasin.
- Menso de Jong, PhD, PG, has extensive water quality background with permit applications and water quality investigations. He will be the primary technical analyst for developing the WQ MT Exceedance Investigation and Technical Evaluations.
- Walt McNab, PhD, PG, CHg, has extensive quantitative analysis background in evaluating the impacts of agricultural operations and artificial aquifer recharge on groundwater quality. His key role is assessing the potential of groundwater management activities on water quality.
- Mike Wottrich, GISP, is a well experienced GIS and data analyst who will support the WQ MT Exceedance Investigation and Technical Evaluations with mapping, database access, and GIS spatial analysis.

Todd Groundwater technical staff will assist the Key Project Team members to support the GSP preparation and data analysis, as needed. Additional staff will provide support with graphics and administrative support. Brief biographies of the Key Project Team Members is provided below.



### **Maureen Reilly, PE, Principal Water Resources Engineer**

Maureen has over 25 years of experience in groundwater, environmental, and information systems projects including compliance with the Sustainable Groundwater Management Act (SGMA). Maureen has worked in Kern County over the past 20 years on various groundwater management projects for Kern Delta WD, KRGSA including all the various iterations Kern County Subbasin GSPs. She is experienced in water quality analysis, monitoring, data management, and reporting in the context of groundwater basin management. Maureen participated in the development of the Water Quality and Well Mitigation Programs for the 2025 Plan for the Subbasin.



**Mike Maley, PE, PG, CHG, CEG, Principal Hydrogeologist**

Mike will serve as Project Manager. Mike is a licensed professional geologist and civil engineer with over 30 years of experience in groundwater projects. Mike has worked in Kern County over the past 10 years on various groundwater management projects including the Basin Study, Cawelo hydrogeological support and all the various iterations Kern County Subbasin GSPs. With his extensive local background, he be a resource on hydrogeological and groundwater management knowledge of the Subbasin to support the technical team. As Project Manager, Mike will be responsible for overseeing the execution of the work, schedule and invoicing.



**Menso de Jong, PhD, PG, Senior Geologist**

In his 15 years of professional and academic experience, Dr. Menso de Jong has supported water resource needs on a wide range of scales, from groundwater and surface water resource evaluations and development for single parcel water systems to basin-wide planning, monitoring, and operations. Menso routinely evaluates existing water resources projects, works closely with clients to develop approaches for resource development, provides scientific support and oversight and analytical work in support of aquifer characterization. Menso will be the primary technical analyst for developing the WQ MT Exceedance Investigation and Technical Evaluations.



**Walt McNab, PhD, PG, CHG, Consulting Hydrogeologist**

Walt is a computational geoscientist with over 30 years of experience as a consultant and researcher. Walt has provided technical support for Kern County projects over the past 2 years including the Basin Study and the 2025 Kern County Subbasin GSP. Walt has extensive experience with quantitative analysis and modeling of groundwater chemistry problems including assessments of the mobility of trace metals in different environments, impacts of agricultural operations and artificial aquifer recharge on groundwater quality, and brine-rock chemical interactions. Walt will provide assist in



**Mike Wottrich, GISP, Senior Data Analyst**

Mr. Wottrich has over twenty years of GIS and CAD working experience in water resources management and environmental cleanup projects. He has contributed to a wide variety of interesting and complex projects including data management of large groundwater monitoring programs, production of engineering design drawings, and computer modeling of the subsurface geologic environment and contaminated groundwater plumes for hydrogeologic and environmental applications. He is a certified GIS Professional (GISP) with expertise with software including ESRI's ArcGIS Desktop and Server.



December 11, 2025

Derek Yurosek  
Kern Subbasin Manager  
Kern River Groundwater Sustainability Agency  
3200 Rio Mirada Drive  
Bakersfield, CA 93308

**RE: Proposal for Kern County Subbasin Technical Coordinator for 2026**

Dear Mr. Yurosek,

In September 2025, the Kern Subbasin Groundwater Sustainability Agencies (GSAs) adopted a revised coordinated Kern County Subbasin Groundwater Sustainability Plan (GSP)—referred to herein as the 2025 Plan—consisting of one foundational GSP (covering the entire Subbasin) and six additional GSPs containing GSA-specific information (highlighted in “Blue Pages”). The 2025 Plan includes revised water level, water quality, and subsidence sustainable management criteria (SMC), a comprehensive Exceedance Action Plan (for each of the three sustainability indicators), revamped water level and water quality mitigation programs, and a revised stakeholder engagement and community outreach and engagement plan. The 2025 Plan was developed in close communication and coordination with the State Water Resources Control Board (SWRCB) Staff. Upon review of the 2025 Plan, the SWRCB Staff have found that the revised Plan has substantially addressed the deficiencies identified by the Department of Water Resources (DWR) and additional issues identified by SWRCB staff. Accordingly, the SWRCB determined that the Kern Subbasin should be returned to DWR oversight. With this determination, the Kern Subbasin GSAs are transitioning to active Plan implementation and engagement with DWR. The 2025 Plan covers the entire Kern County Subbasin and unites the 20 Kern GSAs under the umbrella of a coordinated Plan. Given the hydrogeologic, management, and policy complexities inherent in the Kern Subbasin, continued coordination and consistency in Plan implementation remains an important priority for the Kern Subbasin GSAs. INTERA, in partnership with EKI, led the Technical Working Group and acted as the technical liaison with SWRCB Staff during the 2025 Plan revisions phase.

The Kern Subbasin GSAs are interested in continued technical coordination during the implementation phase under a Subbasin Technical Coordinator (TC). The TC’s primary responsibility would be to ensure that all technical 2025 Plan implementation tasks are completed and consistent with the adopted GSP/Exceedance Policy/Action Plan using the best available and Subbasin-specific datasets, tools, and methodologies. Task-specific subcommittees and/or consultant teams working with the 20 GSAs will lead implementation of different aspects of the Plan. This includes consulting teams and/or subcommittees that will lead:

1. Well registrations/inventory;
2. Assessment and filling water level and water quality data gaps (as identified in the 2025 Plan);
3. Water level SMC reporting and exceedance evaluations;
4. Water quality data collection and SMC reporting;

5. Water quality exceedance evaluations;
6. Subsidence SMC and exceedance evaluations;
7. Water level and water quality mitigation; and
8. Stakeholder outreach and engagement.

An annual report summarizing all SMCs and project and management actions will be submitted to DWR. Based on information provided by the Kern Subbasin GSAs, the TC is expected to:

- Coordinate the calculation and determination of SMC compliance with the appropriate sub-committee/consulting teams.
- Provide quality assurance and quality control (QA/QC) of sub-committee final work products to confirm consistency with the 2025 Plan and related components. Communicate directly with the Chair/Policy group for any potential “non-compliance” concerns of a GSA.
- Provide adequate review of interim work products, including any feedback and next steps.
- Identify and present future changes to all GSP components based on implementation tasks including new Scope of Works, Schedules, and Budget requirements.
- Identify grant opportunities to support ongoing and future implementation and planning efforts.

INTERA proposes to fulfill the above TC scope, continuing the successful partnership with EKI as Technical Working Group co-leads and SWRCB technical liaison from the 2025 Plan revision phase. INTERA proposes Dr. Abhishek Singh, PhD, PE as the lead TC, working in partnership with Ms. Christina Lucero, PG, EKI, with Ms. Anona Dutton, PG, CHG, EKI providing strategic support. Additional technical staff will support, as-needed, review and QA/QC of sub-tasks. Our team will ensure coordination, consistency, and quality control across datasets, analyses, and implementation details for the subbasin. To reduce redundancy and avoid duplication of efforts, the INTERA and EKI team will split the subcommittee meetings and associated review and QA/QC of subcommittee/consultant teams interim work products. The INTERA and EKI team will also coordinate with the subcommittees/consultant teams on their future scopes/budgets while identifying future grant opportunities that could support ongoing implementation efforts. INTERA and EKI are already on the subsidence sub-committee and have existing task orders for subsidence analysis, subsidence SMC QA/QC, and agency coordination on Friant Kern Canal and the California Aqueduct, respectively. Given that INTERA and EKI have existing scope and budget for subsidence SMC analysis, review, QA/QC, and exceedance evaluation, this scope/budget will *not* be including under the TC scope/budget outlined below. This represents budget and schedule efficiencies for the Subbasin.

Dr. Singh will maintain regular engagement with the Policy and Management teams to ensure the technical tasks incorporate subbasin policy and management considerations, while providing the Subbasin managers recommendations to support future policy and management decision-making and scopes, schedules, budgets for future implementation tasks. Dr. Singh may bring in EKI to support these discussions, as needed (based on EKI’s engagement with the particular task subcommittee/consulting team). This approach maintains efficiency across the TC roles and drives coordination; maintains quality control; minimizes redundancy; and integrates the technical, policy, and management considerations, while leveraging GSA-specific expertise to keep the Subbasin progressing cohesively.

The sections below provide more detailed descriptions of the TC scope and level of effort. The outlined scope covers the calendar year 2026. The scope/budget for future TC involvement will be developed at the end of 2026, based on direction from the Kern Subbasin GSA managers and policy representatives.

## 1.0 Scope of Work

### 1.1 Technical Review and QA/QC of Implementation Tasks

INTERA will track the overall 2025 Plan implementation approach and progress. INTERA will develop an implementation matrix and schedule, which will track subcommittee progress against 2025 Plan commitments.

To ensure all technical implementation tasks are completed and consistent with the 2025 Plan, INTERA and EKI will split the review of materials produced by subcommittees. INTERA will lead review of interim and final work products produced by the data gaps, well registration/well inventory, mitigation, and stakeholder engagement subcommittees. EKI will lead review of materials related to groundwater levels and water quality subcommittees. These reviews will focus on consistency with the 2025 Plan and across different GSAs. Subcommittees/consulting teams are responsible for developing and implementing the SMC approach and detailed QA/QC of the data and analysis.

Review of subcommittee materials includes the following tasks:

- EKI will review calculations comparing groundwater levels and water quality samples against SMCs for consistency with the approaches outlined in the 2025 Kern Plan. Calculations will be produced semi-annually either through the Kern Data Management System (DMS) or compiled by the Water Quality SMC Implementation Plan Administrator.
- EKI will compile a list of Exceedance Investigation Report(s) required, date produced, and resultant key actions on a semi-annual basis.
- INTERA will review recommendations for filling data gaps (1) using existing wells and (2) drilling new wells.
- INTERA will review changes to the well database through ongoing well registrations and inventory.
- INTERA will review and comment on interim and final work products produced by the mitigation subcommittee/consulting team.

This scope of work assumes each subcommittee/consulting team will produce work products semi-annually requiring 4 hours of review for the interim work-product and 2 hours for the final. However, the frequency and nature of subcommittee work-products may change based on implementation progress and issues encountered. Any change in the assumed level of effort involved with the subcommittee/consulting team coordination and review will be reported to the Kern Subbasin Chair and GSA Managers.

INTERA and EKI will also review the Annual Report for consistency with the 2025 Plan and provide comments and suggested edits to the consultant producing the Annual Report. This is to ensure

consistency of the Annual Report with the 2025 Plan and Exceedance Action Plan while maintaining coordination across the 20 GSAs.

Moreover, DWR will be opening the 2025 Plan to public comments. Having received no public comments so far, this proposal *excludes* scope/budget for review of public comments. However, the TC team can provide the scope/budget for public comment review and recommendations to address the comments upon direction of the Subbasin Chair and GSA Managers.

INTERA and EKI will both provide strategic technical support to the Kern Subbasin GSAs managers/policy group. At the end of the year, INTERA and EKI will review subcommittee scopes of work and provide recommendations for future scopes of work. Additionally, INTERA and EKI will provide recommendations for future changes to GSPs as Plan Implementation evolves.

**Deliverables:**

- Implementation matrix
- Review comments to subcommittee/consulting teams' work products and Annual Report
- Two Exceedance Investigation Report summaries
- Review comments on subcommittee/consulting teams' future scopes of work/budgets
- Brief Technical Memorandum documenting recommendations for future changes to GSPs

## 1.2 Grant and Funding Support

EKI will be primary on this effort, with INTERA's support. EKI will produce up to four detailed grant funding opportunity summaries on relevant solicitations for SGMA GSP implementation—or related to project(s) that support recharge, conservation, and/or demand management—that become available during 2026. Potential grant funding opportunities include, but are not limited to: DWR Sustainable Groundwater Management (SGM) Program, DWR Water Storage Investment Program (WSIP), DWR California Stream Gaging Improvement Program (CaSIP), DWR Regional Conveyance Grant Program, Department of Conservation (DOC) Multibenefit Land Repurposing Program (MLRP), and United States Bureau of Reclamation (USBR) WaterSMART programs.

**Deliverables:**

- Up to four grant funding opportunity summaries

## 1.3 Meetings

### 1.3.1 Sub-committee and GSA Meetings

INTERA and EKI will engage with subcommittees to track implementation progress and to understand and confirm consistency of overall approach (datasets, analysis, models, etc.) with the 2025 Plan. Subcommittees/consulting teams are responsible for developing and implementing the approach and

detailed QA/QC. INTERA and EKI will split subcommittee meeting attendance, whereby INTERA will attend the data gaps, well registration/well inventory, mitigation, and stakeholder engagement subcommittees and EKI will attend the groundwater levels and water quality subcommittees. Subsidence subcommittee attendance by INTERA and EKI will occur under the existing subsidence subcommittee scopes of work for both firms.

Meetings will be used to review tasks associated with GSP implementation and to prepare materials for up to two forthcoming meetings with DWR Sustainable Groundwater Management Office (SGMO). Note that the level of engagement with DWR is yet to be determined. This proposal assumes two 2-hour meetings with one day to prepare for each. If the level of effort for DWR engagement changes, then this will be reported to the Subbasin Chair and GSA managers.

INTERA and EKI will also lead quarterly meetings with chairs/leads from all subcommittee/consulting firms. Meetings will focus on understanding key milestones, challenges, schedules, and budgets from each subcommittee. Meetings will ensure that all subcommittee/consulting firms' efforts are coordinated across the Subbasin. Outcomes will be documented in a quarterly progress report. Content from these meetings will also inform the development of any presentations needed for meetings with DWR.

Finally, INTERA and EKI will provide up to 12 hours total in general support and/or meeting with individual GSAs as it pertains to 2025 Plan implementation and compliance. Detailed assumptions regarding meetings' level of effort are documented in the budget spreadsheet attachment.

**Deliverables:**

- Subcommittee meeting notes
- Quarterly implementation progress reports
- Presentation materials for up to two meetings with DWR

### **1.3.2 Managers, Policy, and PoC Meetings**

The TC will attend the Kern Subbasin GSAs managers and policy meetings to provide a TC update report on coordinating implementation tasks and identify technical coordination issues and associated impacts. Dr. Singh will be the primary TC representative at these meetings, and Ms. Lucero or Ms. Dutton will be the secondary TC representative should scheduling conflicts arise. Additionally, both Dr. Singh and Ms. Lucero will participate in two meetings per month with the Kern Subbasin Point of Contact and Subbasin Chair.

**Deliverables:**

- Meeting presentations as needed

### **1.3.3 DWR SGMO Meetings**

INTERA and EKI will facilitate up to two meetings with DWR SGMO staff as it pertains to review of the 2025 Plan. Presentation materials for these meetings will be developed during the subcommittee

meetings. INTERA will develop the agenda, compile the presentation, address any Kern Subbasin GSAs managers/policy comments, and take meeting notes.

**Deliverables:**

- Agenda(s)
- Compiled presentation(s)
- Meeting notes

### **1.3.4 Stakeholder and Community Outreach and Engagement**

INTERA will participate in up to two stakeholder/community outreach events upon direction from the Subbasin Chair and GSA Managers. INTERA will provide slides to cover any technical components of the stakeholder/community outreach presentations.

**Deliverables:**

- Participation and technical slides for two stakeholder/community outreach events

## **1.4 Project Management**

INTERA will provide project management services to track scope, schedule, and budget. INTERA will hold regular internal coordination meetings with EKI to ensure consistency with the TC role. This task also includes preparation of combined invoices (with EKI as sub) on a monthly basis.

## **2.0 Assumptions**

To ensure transparency and shared understanding, we have outlined the assumptions that form the basis of our proposed scope and approach. Additional detailed assumptions on hours and assumed level of effort are provided in the budget table (Section 4.0).

- Dr. Abhishek Singh will be the designated INTERA TC lead.
- Ms. Christina Lucero will be the designated EKI TC co-lead.
- Ms. Anona Dutton will provide strategic direction and targeted senior review.
- All meetings will be held virtually.
- 4/month Managers/Policy meeting (3 INTERA + 1 EKI).
- 8/month sub-committee meetings (split between INTERA and EKI).
- 2/month Subbasin point of contact and Subbasin Chair meetings (Both INTERA + EKI).
- 2/year DWR/SWRCB meetings (Both INTERA + EKI).
- 1/quarter Implementation Leads meeting (Both INTERA + EKI).
- 1/month GSA coordination meeting (split between INTERA and EKI).
- 1/quarter Miscellaneous technical meeting (Both INTERA and EKI).

- 2/month Internal (INTERA + EKI leads) meetings.
- 2/quarter Stakeholder/Community Outreach Events (INTERA).
- QA/QC of work products is assumed to consist of limited high-level review for compliance with 2025 Plan objectives/criteria. As the number and nature of the deliverables is currently unknown, preliminary assumptions on the number of deliverables and review hours are included in the attached detailed budget table.

### 3.0 Schedule

This proposal covers identified tasks for the period from January 2026 to December 2026.

### 4.0 Budget

The budget for the scope outline in the preceding sections is \$178,920. The breakdown of hours and budget by staff and tasks is shown in the table below. INTERA and EKI will bill on a time and material basis; hence, the no unexecuted scope items will be billed. Any deviation in scope will be communicated promptly to Kern Managers.

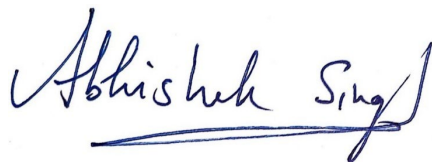
Table 1. Technical Coordinator Budget for 2026

Task No.	Estimated Hours by Staff Type							Task Totals	
	INTERA Principal	INTERA Senior	INTERA Technical	EKI Principal	EKI Senior	EKI Technical	EKI Grant Specialist	Total Task Hours	Total Task Cost
	\$366	\$265	\$205	\$366	\$316	\$182	\$286		
1.1 Technical Review and QA/QC of Implementation Tasks	68	24	16	14	48	16	0	186	\$57,739.68
1.2 Grants & Funding	4	4	0	2	2	16	16	44	\$11,376.32
1.3 Meetings	122	20	24	20	78	8	0	272	\$88,308.48
1.4 Project Management	26	0	0	12	24	0	0	62	\$21,495.84
<b>Total Hours by Staff Type</b>	<b>220</b>	<b>48</b>	<b>40</b>	<b>48</b>	<b>152</b>	<b>40</b>	<b>16</b>	<b>564</b>	
<b>Total Cost by Staff Type</b>	<b>\$80,520</b>	<b>\$12,720</b>	<b>\$8,200</b>	<b>\$17,568</b>	<b>\$48,056</b>	<b>\$7,280</b>	<b>\$4,576</b>		
<b>Estimated Total Budget \$178,920</b>									

Thank you for considering our proposal to continue this important work. The INTERA and EKI team are eager to build on our experience, expertise, and partnership with the Kern Subbasin. Should our team be selected as the Kern Subbasin TC, we are ready to begin seamlessly supporting Subbasin implementation.

Sincerely,

INTERA Incorporated



Abhishek Singh, PE, PhD  
 President - Water Resources & Supply, Principal Engineer

Attachment: Kern Subbasin TC - Detailed Budget Spreadsheet.xlsx





**Rincon Consultants, Inc.**

180 North Ashwood Avenue  
Ventura, California 93003  
805-644-4455

December 17, 2025  
Rincon Project No. 23-14981

Derek Yurosek, Coordination Committee Chair  
Kern County Subbasin  
P.O. Box 4119  
Buttonwillow, California 93238  
Via email: [dyurosek@bolthouseproperties.com](mailto:dyurosek@bolthouseproperties.com)

**Subject: Request for Amendment 7 to the Kern County Subbasin Plan Manager Support Contract Agreement  
Kern County, California**

Dear Mr. Yurosek:

Rincon Consultants, Inc. (Rincon) is pleased to provide this request for amendment to the Kern County Subbasin Plan Manager Support contract. Amendment 7 would support continued professional services to the Kern County Subbasin (Kern Subbasin) for Sustainable Groundwater Management Act (SGMA) compliance and implementation through December 31, 2026.

## **Background**

On December 8, 2025, the State Water Resources Control Board (SWRCB) submitted a letter to the Department of Water Resources (DWR) returning the Kern Subbasin to DWR jurisdiction. To facilitate a successful transition from SWRCB to DWR, and provide support for well-managed oversight of 2025 GSPs implementation, continued professional services are anticipated.

### **Task 1 Meeting Support**

#### *Monthly Subbasin Meetings*

Rincon will provide meeting support to the Kern Subbasin on a monthly basis by scheduling, coordinating, drafting, and distributing agendas, and note taking.

#### *Bi-Monthly Managers' Meetings*

Rincon will provide meeting support to the Kern Subbasin Managers on a weekly basis by scheduling, coordinating, drafting, and distributing agendas, and note taking.

#### *Bi-Monthly Policy Chair Meetings*

Rincon will schedule and attend 30-minute meetings on a bi-weekly basis with the Coordination Committee Chair to prepare agenda topics for upcoming Managers' and Subbasin meetings.

#### *Additional Coordination and Meetings*

Rincon will continue to serve as the PM/POC on behalf of the Kern Subbasin with DWR on an as needed basis. This scope of work includes correspondence via email and calls up to 2 hours per month, and attending up to four, 1-hour meetings with DWR. Rincon will also attend quarterly San Joaquin Valley Point-of Contact (SJV POC) calls with DWR for up to 1.5 hours each.



## **Deliverables**

- Provide DWR email correspondence and give verbal reports on DWR communications at subsequent Kern Subbasin and Managers' meetings.
- Notes from DWR and SJV POC Quarterly Calls

## **Task 2 SGMA Portal and Data Management System Support**

Rincon will provide SGMA Portal and Kern Subbasin Data Management System (DMS) support as described below. Rincon understands that updates to the SGMA Portal will need to be completed by January 15, 2026, in order for the SGMA Portal to reflect the most updated information prior to the start of the Spring 2026 Groundwater Level measurement period and to support DWR GSP review process. Rincon anticipates 50 hours to complete these tasks which include coordination with DWR and GSAs to execute as detailed below.

### *DWR Coordination*

Rincon will coordinate with DWR to manage data between the DMS and DWR SGMA Portal for groundwater level changes, Groundwater Level Representative Monitoring Site (GWL-RMS) Measurable Objectives and Minimum Threshold (MOs/MTs) in the Kern Subbasin's Representative Monitoring Network (RMN). This will support Spring and Fall 2026 GWL-RMS reporting as required by DWR as outlined in the Coordination Agreement. This task includes up to six, 30-minute calls with DWR staff to coordinate data management needs and email correspondence to execute SGMA Portal changes with the GSAs.

### *Update Groundwater Level Sustainable Management Criteria and Execute Representative Monitoring Network Changes*

Rincon will update GWL-RMS MOs/MTs in the SGMA Portal and submit to DWR in alignment with RMN in the GSP, which includes adding and/or removing GWL-RMSs to be consistent with the GSP. Rincon will also support up to 10 GWL-RMS changes in the RMN on an as-needed basis initiated by GSAs. As part of this task, Rincon will complete data management, QA/QC, and upload to the SGMA Portal to support consistency with GSPs and coordinate with GSAs and DWR as needed. Additional time to coordinate with GSAs will be required as part of the QA/QC process on an individual basis to ensure that the appropriate list of GWL-RMSs are reflected in both the DMS and SGMA Portal. For new GWL-RMSs to be added in the SGMA Portal, Rincon will work with individual GSAs to collect required information to request new well site codes, which may also include historical GWL data.

### *Spring and Fall Groundwater Level Reporting*

The Kern Subbasin is required to submit reporting for all GWL-RMSs in the RMN on a bi-annual basis as required by SGMA to DWR as outlined in the Coordination Agreement. Rincon will continue to provide support by coordinating with GSAs to ensure all GWL-RMSs are submitted in the Spring and Fall. For this task, Rincon will run a report in the DMS and QA/QC against the list of GWL-RMSs in the GSP. QA/QC will also include removal of duplicate entries and identify if any measurements were taken outside of the reporting period identified in the Coordination Agreement, and coordination time with individual GSAs as needed. Rincon will submit the GWL-RMS reports from the DMS to the SGMA Portal prior to the Spring deadline of July 1, 2026 and Fall deadline of January 1, 2027.



### *SGMA Portal GSP and Annual Report Support*

Rincon will provide support to the GSAs by uploading all seven GSPs to the SGMA Portal in accordance with DWR standards. Rincon will also continue to provide support for the Kern Subbasin's Annual Report by providing QA/QC on the document prior to submittal and submit to DWR by the April 1, 2026 deadline. This task includes time to coordinate with DWR and Todd Groundwater, consultant leading the Annual Report preparation.

### **Deliverables**

- Verbal updates and confirmation of DMS and SGMA Portal changes, and Spring/Fall Submittal to DWR, at subsequent Coordination Committee and Managers' meetings
- Email correspondence confirmation of SGMA Portal changes
- Draft and Final Spring and Fall 2026 GWL-RMS DMS Reports
- Email correspondence confirmation of Spring and Fall 2026 GWL-RMS report submittal to DWR
- Email correspondence confirmation of Final Annual Report

### **Assumptions**

- GEI consultants provide technical management and support for the DMS.
- GWL-RMS data in the DMS and SGMA Portal is assumed to be accurate and maintained by the GSAs except as outlined in this scope of work for Rincon to provide support.
- Collecting GWL-RMS measurements at RMN sites and adding measurement data in the DMS is the responsibility of the GSAs.
- Rincon is not responsible for GWL-RMS measurement data that is not included in Spring and Fall Groundwater Level Reporting submitted to DWR if the following GSA responsibilities have not been met:
  - GWL-RMS measurement data was not collected or was collected outside of the reporting period(s) as identified in the Coordination Agreement.
  - Obtaining Kern Subbasin approval to add GWL-RMS measurement data collected outside of the reporting period(s) as identified in the Coordination Agreement.
  - GWL-RMS measurement data must be QA/QC'd by GSAs in the DMS following measurement data collection, which must occur following the end of the reporting period(s). GWL-RMS measurement data is not captured in reports run in the DMS if it has not been QA/QC'd by the GSAs.
- If more than 10 GWL-RMS RMN changes are requested in this contract period, Rincon may request a task order change and contract amendment to execute this additional work.
- GWL-RMS MOs/MTs are listed in the Kern Subbasin GSP which will be used to make changes in the SGMA Portal. Separate coordination with other consultants will not be needed.



### Task 3 As Needed Task Support

Rincon will continue to provide as needed task support, as directed by the Coordination Committee, on a variety of tasks which may include but are not limited to those listed below. Up to 40 hours is estimated through the scope of work period.

- Review, comment, and finalization of materials (e.g. letters to agencies)
- Task and schedule tracking and associated coordination

#### Deliverables

- Letters in Word and PDF format
- Presentations in PPT and PDF format
- Task and schedule trackers in Excel format

#### Assumptions

- Additional tasks requested to be completed not described within this scope of work will require a contract amendment, which includes requests for tasks that may require more than eight (8) hours of additional work.
- All meetings will be attended by Rincon virtually. Up to 1 hour is anticipated to prepare for Manager and Subbasin meetings, which includes coordination for agenda topics and materials and meeting preparation time.
- Should meetings extend beyond the timeframes described in this scope of work, or additional meetings be requested as directed by the Coordination Committee, impacts to cost estimates provided in this scope of work will occur and additional task order changes will be requested.
- Tasks are only directed by Coordination Committee at Subbasin Meetings.
- Rincon will document as needed task support directed by the Coordination Committee in Subbasin Meetings notes and provide verbal updates on progress at all Manager and Subbasin Meetings.
- All meeting notes will be archived on Rincon hard drives and will only be distributed as requested by Kern Subbasin members.
- Work under this scope excludes any public outreach and engagement efforts, ad-hoc committee/subcommittee-directed work or meeting attendance, which are being conducted by separate consultants or GSA managers tasked with those efforts.

#### Cost

As shown in Table 1 below, the estimated cost for this additional scope is \$83,194. Labor for the above additional scope will be billed on a time and materials basis. Back-up detail will be provided for all billed time.

**Table 1 Cost Summary**

Task	Estimated Cost
<b>Task 1 Meeting Support</b>	<b>\$61,926</b>
<b>Task 2 SGMA Portal and Data Management System Support</b>	<b>\$10,124</b>



<b>Task 3</b>	<b>As Needed Task Support</b>	<b>\$11,144</b>
<b>Total</b>		<b>\$83,194</b>

Thank you for your consideration and for the continued opportunity to support the professional services provided. If you have any questions regarding this memo, please contact Kristin Pittack at 760-223-5062 or [kpittack@rinconconsultants.com](mailto:kpittack@rinconconsultants.com) or Rosalyn Prickett at 760-930-7671 or [rprickett@rinconconsultants.com](mailto:rprickett@rinconconsultants.com).

Sincerely,  
**Rincon Consultants, Inc.**

Kristin Pittack, MELP  
Senior Environmental Planner II

Rosalyn Prickett  
Principal, Water Resources

**Attachments**

Attachment 1 2026 Rincon Fee Schedule

January 7, 2026

VIA EMAIL: [Tim@BVH2O.com](mailto:Tim@BVH2O.com)

Tim Ashlock  
Buena Vista Water Storage District  
525 N. Main Street  
Buttonwillow, CA 93206

**Re: Kern Subbasin Annual Support for DMS, Website, and Annual Report Assistance**

Dear Mr. Ashlock:

The purpose of this Task Order is to define the Scope of Work and the cost estimate for GEI Consultants to continue providing support to the Kern Subbasin for the Data Management System (DMS) technical support and hosting services, KernGSP website maintenance, and general support for implementation of the Kern Subbasin's 2025 Groundwater Sustainability Plan (GSP). Outlined tasks and fees associated with maintaining the Kern Subbasin's DMS and website, and Kern Subbasin general support are outlined in the following sections.

### **Task 1. Data Management System**

GEI will continue hosting the Kern DMS on a secure, dedicated server which includes routine server maintenance and assistance with unexpected bug fixes. The hosting fee is \$100 per month. Technical support will be provided as needed throughout the calendar year and invoiced based on the actual labor effort each month. Time is billed based on a minimum of 15-minute intervals, and work will be performed on an as-requested basis. Stephanie Hearn will serve as the Project Manager (PM) to the Subbasin and liaison to GEI's programming team.

#### ***Assumptions***

- Estimated labor effort is primarily for project management, minor fixes or updates, updating groundwater level sustainability indicators, and routine maintenance tasks.
- The monthly hosting fee remains \$100.
- Approximately 80 hours of labor effort is estimated for bug fixes and technical support.

#### ***Deliverables***

- Hosting and server maintenance from January 1 through December 31, 2026.
- As-needed support with data fixes and DMS performance improvements.

### **Task 2. Website Maintenance**

The Kern Subbasin website was developed in 2024 and populated with various documents and information to provide easy access to the public on Subbasin-wide SGMA activities. GEI will support website maintenance by paying annual fees, troubleshooting technical errors, and

updating documents as requested. Support will be provided as needed throughout the calendar year and invoiced based on the actual labor effort each month. Stephanie Hearn will serve as the Project Manager (PM) to the Subbasin and liaison to GEI's web developer.

### ***Assumptions***

- Estimated labor effort is primarily for project management and minor fixes or updates. No significant changes or updates to the website content or materials are anticipated in 2026.
- Pass through expenses are estimated up to \$350 to renew the domain name, website registration, and WPForms tool that enables people to register for the Kern Subbasin email distribution list.
- Approximately 15 hours of labor effort is estimated for minor fixes and content updates.

### ***Deliverables***

- Website maintenance and minor fixes/content updates from January 1 through December 31, 2026.

### **Task 3. Kern Subbasin General Support**

Kern Subbasin general support is essentially an as-needed service that provides budget to work against while supporting Subbasin-wide tasks. By definition, as-needed tasks are not known at this time; however, it is anticipated that they would be generally related to supporting the Subbasin's implementation activities, performing specific technical tasks, participating in meetings on behalf of the Subbasin, and general consulting. An example of the general support task includes participating in Department of Water Resources (DWR) meetings to support the transition from State Water Resources Control Board (SWRCB) to DWR.

### ***Assumptions***

- Recommended budget estimates up to 80 hours of Stephanie Hearn's time.

### ***Deliverables***

- Participation in DWR transition meeting.
- Other as-requested services, presumably related to implementation of the 2025 GSP water quality sustainability indicators.

### **Budget**

The maximum estimated budget of \$47,550 is based on the proposed scope of work and assumptions. Billing for all work completed under this proposal will be in accordance with the terms of the Professional Services Agreement between GEI and Buena Vista Water Storage District, with labor billed at 3.05 times the labor rate. Invoices are prepared on a time-and-materials basis and submitted within one month of performing the work. The Subbasin will only be billed for the actual hours worked. Total Project billings will not exceed the authorized budget amount without obtaining written authorization.

**Table 1. Budget Estimate**

<b>Task</b>	<b>Hours</b>	<b>Budget</b>
1. DMS Management System	80	\$20,000
Monthly Hosting Fee		\$ 1,200
2. Website Maintenance	15	\$2,000
Domain and Website Fees		\$ 350
3. Kern Subbasin General Support	80	\$24,000
<b>Total Budget Estimate</b>		<b>\$47,550</b>

**Closing**

If this proposal is acceptable, please have an authorized representative sign indicating your acceptance of this Task Order. We look forward to continuing to work with the Kern Subbasin. If you have any questions or require additional information, please contact Stephanie Hearn at 661.716.3026 or shearn@geiconsultants.com.

Sincerely,



**GEI Consultants, Inc.**  
Stephanie Hearn  
Branch Manager, Permitting and Compliance



**GEI Consultants, Inc.**  
David Miller  
Principal Consultant

**Authorization**

Consistent with the terms defined in the Kern Subbasin Cost Sharing Agreement for Revising Groundwater Sustainability Plans, dated December 15, 2023, this Task Order is authorized by the attached signatures. The date of execution is January 1, 2026 . All work will be billed under a new GEI Project Number.



February 17, 2026

## PROPOSAL – SCOPE OF WORK

**To:** Daniel Maldonado, Steven Teglia and Wesley Shryock  
Kern River Groundwater Sustainability Agency (KRGSA) Managers

**From:** Mike Maley, PG, CHG, Principal Hydrogeologist, Todd Groundwater  
Maureen Reilly, PE, Principal Engineer, Todd Groundwater

**Re:** **Proposal – Kern-IWFM Subbasin Model WY2026 Updates**

The Kern County Subbasin (Basin No. 5-022.14) is the largest subbasin in the State, has been designated as critically overdrafted, and is governed by a collaborative group of water districts, water storage districts, irrigation districts, and municipalities. These agencies manage a complex water supply system that includes a large portfolio of local and imported water sources and access to flood waters from throughout the State. These sources are used not only for water supply within the Subbasin, but also for local managed aquifer recharge projects and numerous large water banking projects, which collectively provide both local and State-wide water supply and water quality benefits. To comply with the Sustainable Groundwater Management Act (SGMA), local agencies are organized into Groundwater Sustainability Agencies (GSAs) that coordinated to produce Groundwater Sustainability Plans (GSPs) covering the entire Subbasin.

The Kern County Subbasin Study consists of a systematic, subbasin-wide analysis to address technical data gaps in the hydrogeological conceptual model (HCM), water budgets and model calibration. Through the Basin Study, the existing C2VSimFG-Kern model was upgraded to a Kern County Subbasin focused model referred to as the Kern-IWFM model.

The Basin Study provided the framework for more refined water budget analyses to support ongoing GSP planning and implementation. The Kern IWFM-Model will help better support local water managers, policy makers and stakeholders with multiple technical, policy, water rights and legal issues. Some of these anticipated model applications include:

- Future scenarios assessing Projects and Management Actions (P/MAs)
- Quantify native and sustainable yields.
- Friant-Kern Canal subsidence attribution analysis.
- Annual Report updates
- GSP 5-year periodic evaluations

## BASIN STUDY MODEL OVERVIEW

The Kern-IWFM model development was one of the principal objectives of the Grant Project. Model input files have been updated to include integration of new data sources, improved data analysis techniques and updated parameters developed as part of Tasks 1 through 5 of the Grant Project. Key enhancements to the model are summarized below:

- **Subbasin Focused Model:** The model domain is limited to the Kern County Subbasin and adjacent areas, which streamlines data management, allows for the use of a finer grid resolution, and significantly reduces model run times compared to broader models like C2VSimFG-Beta (which covers the entire Central Valley).
- **Hydrogeological Conceptual Model:** The updated model provides a more accurate representation of the Subbasin's complex geology to better represent groundwater flow paths across the Subbasin. Enhancements include mapping of the basin bottom, identification of aquifer and aquitard (confining) layers, integration of geologic structures such as faults and folds, and consideration of aquifer exemption areas.
- **Hydrology:** Streams and small watersheds within the Subbasin were redefined, and simulation parameters were refined to more accurately represent runoff and other hydrologic processes. Stream simulation now utilizes options better suited for local stream conditions to improve simulation of stream-aquifer interactions.
- **Land Use and ET Data:** A comprehensive land use dataset was developed for the Subbasin, drawing on multiple sources and structured for ongoing updates. Monthly evapotranspiration (ET) data were compiled using METRIC and LandIQ data and applying industry standard methodologies.
- **Urban, Domestic, and Industrial Water Use:** Water supply and demand estimates were refined to better reflect urban and domestic water use including DAC/SDAC (Disadvantaged Communities/Severely Disadvantaged Communities) populations. The model includes small water systems, domestic wells and industrial users not previously included in C2VSimFG. Drinking water supply is now assigned to the entire census population in the entire Subbasin, aligning with California's Human Right to Water policy objectives.
- **Subsidence:** Subsidence modeling capability was added, consistent with the latest DWR C2VSimFG model (Version 1.5). Input parameters were adjusted to more accurately represent the extent and magnitude of subsidence in the Subbasin.

Based on the hydrograph inspections, statistical analysis, the Kern-IWFM model meets the standards for a well calibrated model at the Subbasin scale. These represent significant calibration improvements over the previous C2VSimFG-Kern model.

## PURPOSE AND APPROACH

During the review and evaluation of the water budgets by the Subbasin GSAs, questions arose regarding the method used to estimate deep percolation inflow. Deep percolation refers to the movement of water from the soil surface down through the soil profile to the groundwater. Deep percolation is not measured directly in the field. Instead, it is estimated using model calculations generated by IWFM.

To help address these questions, a sensitivity analysis was performed. Sensitivity analysis involves testing how different assumptions and calculation methods affect model results. Specifically, an end point analysis that compares two scenarios with contrasting underlying assumptions to understand the range of possible outcomes for deep percolation from agricultural areas. The results of these scenarios are as follows:

- Scenario A: The IWFM code automatically adjusts surface water diversions for agriculture to meet the simulated crop water demand. Under these assumptions, deep percolation was estimated at 550,000 acre-feet per year (AFY), resulting in a calculated change in groundwater storage of -274,000 AFY. The residual mean, a variable that compares the difference of simulated data to observed data, is 4.0 feet for this scenario. A smaller residual mean reflects simulated conditions better matching observed conditions.
- Scenario B: This scenario assumes that any surface water applied for agriculture above the simulated crop demand goes directly to groundwater recharge. Here, deep percolation was estimated at 660,000 AFY, with a smaller reduction in groundwater storage of -132,000 AFY. The residual mean is 18.0 feet, over 4 times greater than scenario A.

The difference in method between the two scenarios directly influences the projected deep percolation which is a major component of the Subbasin water budget. Scenario A produced better overall calibration statistics, primarily the residual mean, and a greater decrease in groundwater in storage than Scenario B.

The concern about using the model generated adjustment used in Scenario A is that it does not provide an accounting of where the water removed by the adjustment went. This gives the appearance of a reduction in reported surface water deliveries, which are considered among the more reliable data sources for the model. Alternatively, the water removed by the adjustment may represent water that does not reach groundwater due to a potential combination of causes. In contrast, Scenario B resulted in higher groundwater elevations and a lesser decrease in groundwater in storage. This scenario assumes all excess applied surface water reaches the aquifer, which may overstate the actual recharge of field conditions.

Our approach is to address these remaining issues as part of ongoing model improvements following the completion of the Basin Study and its grant. To resolve this matter, parameters related to deep percolation will be re-evaluated to develop a comprehensive water budget that provides more resolution for the destination of all applied water. Stakeholder input will be sought and incorporated throughout this process to ensure the model reflects both technical understanding and local knowledge. Since Scenarios A and B are considered to represent end points, the resulting resolution will likely produce results that fall between the Scenario A and B results. In addition, remaining areas with weaker calibration results that affect subbasin-wide application of the model will be further evaluated and addressed.

Pending completion of these ongoing model improvements, Scenario A is presented as the results of the Grant Study as the more conservative scenario with respect to SGMA Planning with the greater change in groundwater in storage and better overall calibration statistics.

## **PROPOSED SCOPE OF SERVICES**

This scope of work is set up to address the deep percolation issue along with some of the remaining localized calibration issues that affect subbasin-wide results. Our scope of work is outlined below.

### **Task 1. Project Management and Coordination**

This task covers project coordination and meetings with the Subbasin GSAs and technical working group (TWG) advisory subcommittee throughout the project. A high level of interaction is included in this task to allow for transparency in performing the analysis, to receive feedback on the methods, and to engage in discussion of the issues involved with updating the water budgets and recalibrating the model.

Several subtasks for Task 1 are outlined below:

#### **Task 1a Subbasin Meetings**

Updates of the Kern-IWFM updates will be present as Subbasin water managers regular meetings. This task includes coordinating with individual Subbasin GSAs and the TWG advisory subcommittee. Regular updates are anticipated to be provided to all the Subbasin GSA throughout the duration of the project via online meetings.

#### **Task 1b Communications with GSAs and TWG**

This task includes coordinating with individual Subbasin GSAs and the TWG advisory subcommittee. We assume that communication during the project will be conducted via emails, telephone and/or web meetings, if needed.

#### **Task 1c Project Coordination**

This subtask covers project coordination with the client throughout the project. Coordination will include project planning, on-going communications and project status updates. Invoices will clearly show team members, hours, costs, and progress on project tasks. A monthly progress report will be prepared for each invoice showing progress made during the month and status of both schedule and budget.

### **Task 2. Basin-Wide Review and Documentation**

Task 2 consists initial meetings with the TWG advisory subcommittee to identify and prioritize the model issues to be addressed under this scope of work. In addition, discussions of various approaches, data sets and methods will be conducted to better understand these issues and get consensus on the general approach.

#### **Task 2a Meet with GSAs and TWG on model review**

This subtask also includes coordination with Subbasin GSAs and the TWG advisory subcommittee. This subtask assumes that much of this coordination can be completed through a series of online meetings and phone calls.

### **Task 2b Document suggested model changes**

Based on input from the Subbasin GSAs and TWG advisory subcommittee, a list of tasks will be developed that outline a practical set of model revisions that can be accomplished under this scope of work that prioritizes subbasin-wide issues. About half of the efforts provides time for coordination and discussion with managers, technical staff and consultants; and the other half is primarily for addressing these issues in the model setup and recalibration of the model. Other types of tasks, including but not limited to revising subsidence parameters, performing water quality assessments, or running new future scenarios, are not included in this scope of work.

### **Task 3. Evaluation of Model Improvements**

Using the list of identified issues developed in Task 2, each of these listed items will be assessed in more detail to evaluate the most appropriate method to update the model to address the issue. The results of the modifications will be reviewed by the TWG advisory subcommittee to get their input on evaluating the impacts of each modifications and to discuss if further adjustments are needed. Results will be provided to the Subbasin Managers for review.

#### **Task 3a Assessment of deep percolation**

Modifications to the model that have been reviewed by the TWG advisory subcommittee will be incorporated into the updated Kern-IWFM model This will focus on the soil, root zone and agricultural parameters to better simulate deep percolation. We will incorporate the revised ET data to better simulate agricultural water demand. A soil moisture budget approach will be used to assess the deep percolation below the root zone. The soil moisture budget will be updated to better assess the volume of applied water taken up by evapotranspiration and the remaining volume available for deep percolation below the root zone. The root zone properties from the model will be reviewed and updated as necessary to better reflect local conditions.

#### **Task 3b Assessment of other identified issues**

Parameters will be refined to represent the spatial distribution and variation of aquifer parameters in the model. Locations and characteristics of natural features that affect groundwater recharge and movement (faults, ridges, clays) will be identified and considered. The model input for areas with calibration issues will be evaluated to assess the underlying cause of the calibration issue. Different approaches to address the issue will be evaluated and results will be evaluated by the TWG advisory subcommittee.

### **Task 4. Model Refinement and Recalibration**

Todd Groundwater will update model input files that apply the approaches to address the identified issues as discussed above. The model will be recalibrated for the updated model to improve model performance.

#### **Task 4a Incorporate model changes**

Modifications to the model developed as part of Task 3 that have been reviewed by the TWG will be incorporated into the updated Kern-IWFM model. The IDC function in the model will also be updated to address the deep percolation issue. This will focus on the soil, root zone and agricultural parameters to

better simulate deep percolation. We will incorporate the revised ET data to better simulate agricultural water demand. Parameters will be refined to represent the spatial distribution and variation of aquifer parameters in the model. Locations and characteristics of natural features that affect groundwater recharge and movement (faults, ridges, clays) will be identified and considered.

#### **Task 4b Recalibration of model to Groundwater Levels**

Model calibration will consist of history-matching of simulated versus measured groundwater elevation data. Calibration will be performed by comparing simulated versus measured groundwater elevation data. Long-term historical calibration will be conducted over the 1994 to 2025 simulation period that includes wet, dry, and normal years with varying degrees of pumping. Calibrating the model over a long period of variable hydrologic conditions constrains the calibration to reduce uncertainty. Assessment of calibration will be performed by using a series of metrics to evaluate the calibration results including a statistical analysis of simulated to measured groundwater levels, hydrograph trends, and groundwater gradients.

#### **Task 4c Documentation of model revisions and results**

A technical report will be developed that documents the work performed for the model recalibration. The technical report will provide the technical basis for setting up the baseline, documenting the model results, and developing the projected water budgets. The modeling results and water budgets produced for the Technical Report will be consistent with DWR's SGMA guidelines and BMPs. It is anticipated that this report will provide sufficient compliance for all GSAs in the Subbasin for the GSP requirements of current and historical water budgets.

## COST ESTIMATE AND SCHEDULE

The proposed scope of services includes activities associated with Kern-IWFM WY2026 Subbasin Model Updates. The cost estimate, schedule and project team for completing this scope of services are described below.

### Cost Estimate

Based on the scope of work described herein, we have estimated costs for the with Kern-IWFM WY2026 Subbasin Model Updates as shown on the Table 1. The proposed cost estimate is a “not-to-exceed” amount of \$174,000. The largest level of effort is assigned to Task 4 for the Model Refinement and Recalibration. A majority of effort is also assigned to Tasks 1, 2 and 3 to coordinate with GSAs, TWG and other peer reviewers.

This cost estimate covers updating the model to address remaining model issues and concerns as discussed above. About half of the efforts provides time for coordination and discussion with managers, technical staff and consultants; and the other half is primarily for addressing these issues in the model setup and recalibration of the model. Other types of tasks, including but not limited to revising subsidence parameters, performing water quality assessments, or running new future scenarios, are not included in this scope of work.

We anticipate that the significant technical discussions managers, technical staff and consultants for model discussions. In order to control costs, we will develop a list of tasks to be addressed with this scope of work with the TWG model review subcommittee that represents an achievable goal that prioritizes subbasin-wide issues. Specialized or local detailed issues may need to be considered as an extra scope of work. The Subbasin-wide coordination process introduces some uncertainty about the level of involvement; however, we consider that the scope and costs have been developed with a good understanding of the Kern County Subbasin recently completed Basin Study. Because the uncertainties associated with a model review, we will communicate with the Subbasin GSAs on how much time it takes to conduct these investigations and evaluations for future planning. Throughout the project, Todd Groundwater will look for opportunities for cost and time savings and provide recommendations on options to streamline the process.

Our proposed level of effort is provided by task in Table 2 (following the text). Hours are provided by staff classifications, illustrating the emphasis on senior professionals for critical work tasks and use of more cost-effective staff for technical support. We have also included hours for administrative support in the table.

**Table 1. Cost Proposal for Kern-IWFM Subbasin Model WY2026 Updates**

TASKS	Estimated Hours	Estimated Cost
<b>Task 1 – Project Management and Coordination</b>	45	<b>\$12,000</b>
<b>Task 2 – Basin-Wide Review and Documentation</b>	112	<b>\$30,000</b>
<b>Task 3 – Evaluation of Model Improvements</b>	204	<b>\$50,000</b>
<b>Task 4 – Model Refinement and Recalibration</b>	348	<b>\$82,000</b>
<b>TOTAL</b>	709	<b>\$174,000</b>

## Schedule

The schedule assumes that work will be completed by December 7, 2026. A general outline of the anticipated project schedule by task is provided below:

- Task 1 is anticipated to begin in March 2026 and continue throughout the project, providing ongoing coordination and communication.
- Task 2 will occur from March through May 2026 and will focus on developing the prioritized list of model tasks in collaboration with the TWG model review subcommittee.
- Task 3 will take place from May through August 2026 and will involve revising model input files to address identified model issues. Results will be reviewed by the TWG model review subcommittee and GSA managers, with multiple iterations expected.
- Task 4 will run from August through December 2026 and will include model recalibration through adjustments to aquifer parameters and boundary conditions. An updated technical report will document the resulting model refinements.

Todd Groundwater will look for opportunities to expediate the schedule were practical. We will coordinate with the Subbasin GSAs on progress towards meeting the schedule and communicate any scheduling issues promptly as they are identified.

## Table 2: Proposal - Professional Services for Kern-IWFM Updates

Todd Groundwater

Job Description: Kern-IWFM Subbasin Model WY2026 Updates  
 Client: Kern River Groundwater Sustainability Agency  
 Contract: \_\_\_\_\_  
 Approval Date/Amount: \_\_\_\_\_

	MM	LH	WM	SP	EB						
2026 Hourly Rates	QA/QC Review \$300	Senior Eng \$270	Consult Hydrgeo \$280	Assoc Eng \$230	Staff Geo \$170	Total Labor Hours	Total Labor	GIS/ Graphics \$190	Admin Costs \$160	Other Direct Costs	Total Costs
<b>Task 1 – Project Management and Coordination</b>											
Subbasin Meetings	8	2				10.00	\$ 2,940	\$ -	\$ -	\$ -	\$ 2,940
Communications with GSAs and TWG	10	10	1	8		29.00	\$ 7,820	\$ -	\$ -	\$ -	\$ 7,820
Project Coordination	2					2.00	\$ 600	\$ -	\$ 640	\$ -	\$ 1,240
<b>Task 1 Budget</b>	<b>20</b>	<b>12</b>	<b>1</b>	<b>8</b>	<b>-</b>	<b>41.00</b>	<b>\$ 11,360</b>	<b>\$ -</b>	<b>\$ 640</b>	<b>\$ -</b>	<b>\$ 12,000</b>
<b>Task 2 – Basin-Wide Review and Documentation</b>											
Meet with GSAs and TWG on model review	24	8		8		40.00	\$ 11,200	\$ -	\$ -	\$ -	\$ 11,200
Document suggested model changes	24	16	8	16	8	72.00	\$ 18,800	\$ -	\$ -	\$ -	\$ 18,800
<b>Task 2 Budget</b>	<b>48</b>	<b>24</b>	<b>8</b>	<b>24</b>	<b>8</b>	<b>112.00</b>	<b>\$ 30,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 30,000</b>
<b>Task 3 – Evaluation of Model Improvements</b>											
Assessment of Deep percolation	30	20		30	40	120.00	\$ 28,100	\$ -	\$ -	\$ -	\$ 28,100
Assessment of other identified issues	30		16	30		76.00	\$ 20,380	\$ 1,520	\$ -	\$ -	\$ 21,900
<b>Task 3 Budget</b>	<b>60</b>	<b>20</b>	<b>16</b>	<b>60</b>	<b>40</b>	<b>196.00</b>	<b>\$ 48,480</b>	<b>\$ 1,520</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 50,000</b>
<b>Task 4 – Model Refinement and Recalibration</b>											
Incorporate Model Changes	16	16		60	80	172.00	\$ 36,520	\$ -	\$ -	\$ -	\$ 36,520
Recalibration of model to Groundwater Levels	16		32	60		108.00	\$ 27,560	\$ -	\$ -	\$ -	\$ 27,560
Documentation of model revisions and results	28	24				52.00	\$ 14,880	\$ 3,040	\$ -	\$ -	\$ 17,920
<b>Task 4 Budget</b>	<b>60</b>	<b>40</b>	<b>32</b>	<b>120</b>	<b>80</b>	<b>332.00</b>	<b>\$ 78,960</b>	<b>\$ 3,040</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 82,000</b>
<b>Total Budget (Tasks 1-4)</b>	<b>188</b>	<b>96</b>	<b>57</b>	<b>212</b>	<b>128</b>	<b>681.00</b>	<b>\$ 168,800</b>	<b>\$ 7,220</b>	<b>\$ 640</b>	<b>\$ 150</b>	<b>\$ 174,000</b>



February 11, 2026

Project No. 26-1-033

Kristin Pittack  
Kern County Subbasin Plan Manager  
kernsubbasinpoc@riconconsultants

**SUBJECT: Scope of Work and Budget for Groundwater Sustainability Plan Implementation Activities for February through December 2026, Kern County Subbasin**

Dear Kristin:

As requested, Luhdorff and Scalmanini Consulting Engineers (LSCE) has prepared the following Scope of Work and budget for technical services to support the Kern County Subbasin (Subbasin) from February through December 2026. This Scope of Work and budget focuses on supporting the Subbasin's implementation the Kern County Subbasin Groundwater Sustainability Plans (Final 2025 Plan), with an emphasis on groundwater level and groundwater quality monitoring network data gap filling activities.

Effective implementation of monitoring network data gap filling efforts benefits from a consistent, Subbasin-wide coordination role. This coordination supports alignment across GSAs, promotes consistent application of technical criteria, maintains continuity in interpretation of monitoring requirements, and helps ensure transparent tracking and communication of progress toward Subbasin commitments.

LSCE has served in this Subbasin-wide coordination role during development and early implementation of the Final 2025 Plan by supporting GSA coordination, providing technical continuity, and facilitating clear communication regarding monitoring network status and remaining data gaps. Under this Scope of Work, LSCE proposes to continue serving in this coordination role through completion of the remaining hexagon data gap filling efforts.

## **BACKGROUND**

The Final 2025 Plan identifies the need to strengthen the Representative Monitoring Network (RMN) by filling groundwater level and groundwater quality data gaps. In the Final 2025 Plan, the Subbasin committed to the following actions:

- Collecting missing RMN well construction information (completed in December 2025);
- Filling remaining data gaps with existing wells to the extent feasible, with a target completion date of December 31, 2025;
- Filling remaining data gaps with newly constructed monitoring wells, with a target completion date of December 31, 2026; and
- Re-analyzing the sufficiency of the number of wells in certain pumping group categories following the groundwater model update (not included in this Scope of Work).

Although re-analysis of pumping category monitoring well counts is not included in this Scope of Work, LSCE recommends that this effort be completed in coordination with the Subbasin’s next 5-year GSP periodic evaluation, when updated modeling and monitoring data are available.

For purposes of this Scope of Work, remaining data gap filling efforts are organized into two tasks:

- Task 1 (through May 2026): Incorporation of existing wells into the groundwater level and groundwater quality RMNs where feasible.
- Task 2 (through December 2026): Planning for and construction of new monitoring wells where data gaps cannot be addressed with existing wells.

As documented in LSCE’s January 2026 technical memorandum, six (6) vertical representation data gaps remain. Table 1 summarizes those remaining gaps, the associated GSAs, and the current status of gap-filling efforts.

Table 1. Vertical Representation Data Gaps Remaining			
Hexagon Number	GSA Associated With Data Gap	Status	Notes
6	SSJMUD	Pending - S15-KERBS-23 or Other	SSJMUD GSA needs to determine if it will add S15-KERBS-23 to the RMN-GWQ. SSJMUD GSA is in the process of obtaining an access agreement.
18	KNDLA	Pending - WCR0052772	KNDLA GSA is in the process of obtaining an access agreement.
19	KNDLA	Pending - WCR0052772	KNDLA GSA is in the process of obtaining an access agreement.
30	AEWSD / Kern River / KNDLA	Pending - Further Well Inventory Updates Or Candidate Well Identification	Per the Oct 2025 Kern County Subbasin Well Inventory, there are 23 domestic wells in this hexagon. GSA representatives indicated a desire to further refine well inventory to address this gap, if possible, before identifying a candidate well.
43	Kern River	Pending - Further Well Inventory Updates Or Candidate Well Identification	Per the Oct 2025 Kern County Subbasin Well Inventory, 57 domestic wells completed shallower than RMW-210R’s top screen elevation. Per Dec 2025 GSA research, 40 of those 57 domestic wells should be removed from the well inventory because they are within a municipal service area. Kern River GSA is continuing to refine well inventory to confirm number of shallower wells.
85	KNDLA	Pending - Well Inventory Update OR WCR2022-000539	GSA suggested adding WCR2022-000539 if well inventory refinements (confirmation of potable vs non-potable) result in more than 3 domestic drinking water wells.

Remaining monitoring network data gaps are likely to be an area of interest for the Department of Water Resources (DWR) as part of DWR's review of the Final 2025 GSP and its ongoing coordination with the Subbasin to confirm that plan requirements are being met. Timely, coordinated, and well-documented progress toward resolving these gaps will be important for demonstrating continued implementation of Final 2025 Plan commitments.

## SCOPE OF SERVICES

The following sections describe the tasks proposed under this Scope of Work.

### Task 1. Identifying Wells to Fill Data Gaps

For three (3) of the remaining gaps, GSAs have identified potential candidate wells, and LSCE has confirmed that these candidate wells meet the Subbasin criteria and are responsive to State Water Resource Control (SWRCB) Staff feedback. If GSAs can confirm well suitability for monitoring and execute access agreements, these data gaps can be resolved using the existing wells identified.

For the other three (3) remaining gaps, GSAs are continuing to refine the Kern Subbasin Well Inventory (Well Inventory). If refinements to domestic well counts demonstrate the Subbasin criteria or SWRCB Staff thresholds are satisfied, these gaps may be addressed without the need for additional monitoring wells.

If GSAs are unable to confirm access agreements for candidate wells, complete planned Well Inventory refinements, or identify alternative suitable wells, then construction of new dedicated monitoring wells will be required under Task 2. New candidate wells may also need to be identified if previously selected wells are ultimately determined to be unsuitable for monitoring during Water Year (WY) 2026 monitoring program.

GSAs, with support from their staff or consultants, are primarily responsible for identifying candidate wells for inclusion in the RMNs. LSCE will coordinate with GSAs and their consultants throughout the selection process. At the request of the GSA, LSCE may provide hexagon-specific well selection criteria to support candidate well identification; otherwise, GSAs may identify candidate wells independently.

Once candidate wells are identified, LSCE will review and confirm whether they are appropriate for filling data gaps. This confirmation will consider both the Subbasin technical criteria and the concerns and criteria raised by State Water Resources Control Board (SWRCB) staff during development of the Final 2025 Plan. Evaluation will include review of well construction details (e.g., depth, screened interval) as well as the availability, completeness, and representativeness of data from the wells. LSCE will also coordinate with DWR Staff, as needed, to address any questions related to the monitoring network's consistency with DWR's Best Management Practices for Data Gaps and Monitoring Networks during DWR's review of the Final 2025 GSP.

LSCE will provide recommendations to GSAs regarding wells suitability for incorporation into the RMNs to help ensure selections are technically sound, defensible, and consistent across the Subbasin. GSAs will be responsible for securing access agreements for confirmed wells; this activity is outside LSCE's scope, although LSCE will provide supporting technical documentation for outreach as needed.

GEI, as the Subbasin's Data Management System (DMS) consultant, will be responsible for incorporating finalized RMN updates into the DMS and supporting future DWR reporting.

Remaining data gaps may also be resolved through further refinements to the Well Inventory (e.g. confirmation that domestic well counts are lower than reflected in the October 2025 data set). GEI, is responsible for compiling Well Inventory updates and confirming compliance with established data standards. GSAs will coordinate proposed updates with both GEI and LSCE.

The target deadline for confirming existing wells is **May 31, 2026**, to allow sufficient time for design and construction of new monitoring wells, if needed, to meet the Final 2025 GSP commitment of **December 31, 2026**. If a GSA has confirmed the candidate well owner, field-verified the suitability for monitoring, and only access agreement execution remains, the data gap may be considered addressed even if the access agreement is finalized after May 31, 2026. If a GSA has not confirmed well selection, location, ownership, and suitability by May 31, 2026, the GSA will need to proceed with Task 2 for that gap.

### Task 1. Assumptions

- GSAs (or their consultants) will identify candidate wells, with LSCE providing GSA-specific well selection criteria and technical guidance if requested.
- GSAs will lead outreach and secure access agreements for confirmed wells;
- GSAs will provide updated Well Inventory information to GEI. GEI will review Well Inventory updates to confirm compliance with existing DMS standards and collaborate with LSCE to confirm final well counts in identified hexagons.
- Scope of work does not include evaluation of candidate wells for replacement of existing Representative Monitoring Wells (RMWs). Services are limited to reviewing candidate wells for the purpose of addressing the six remaining data gaps identified in Table 1 above.

### Task 2. New Monitoring Wells - Well Design Support

If data gaps remain following completion of Task 1, GSAs will need to fill remaining gaps through construction of new groundwater level and/or groundwater quality monitoring wells. Under this task, LSCE will support identification of remaining gaps that require new monitoring wells and provide technical assistance related to well design to ensure that proposed and final well designs comply with the vertical depth interval required to fill the data gap.

Based on the outcomes of Task 1, LSCE will confirm which data gaps cannot be addressed with existing wells and identify the hexagons requiring new monitoring wells. GSAs will be responsible for subsequent site selection, securing access agreements, contracting for well construction, and construction oversight. GEI will incorporate finalized RMN updates into the DMS and support related DWR reporting.

For well design, LSCE may either (a) prepare preliminary monitoring well designs or (b) review and confirm designs prepared by GSAs or their consultants. Design review will ensure compliance with Final 2025 Plan criteria. Well design considerations will include well depth, screened intervals, casing, and aquifer representativeness. Preliminary well designs will identify top and bottom screen elevations based on average elevations within the 24 square-mile hexagon.

Following site selection, LSCE will review final design plans, prepared by GSAs or their consultants, prior to the start of construction to confirm consistency with preliminary designs and Subbasin criteria.

### Task 2. Assumptions

- Task 2 will only begin if data gaps remain and GSAs elect to construct new monitoring wells.
- GSAs are responsible for site selection, access agreements, and well construction.
- GEI will complete final RMN updates to the DMS and DWR reporting support.
- Scope of work does not include preparation of preliminary well designs for replacement of existing RMWs. Preliminary well design services are limited to new monitoring wells proposed to address the six remaining data gaps identified in Table 1 above.

### Task 3. Technical Memorandum

LSCE will prepare a technical memorandum summarizing data gap implementation efforts completed between January 1, 2026 through December 31, 2026. The memorandum will be structured to support inclusion in the WY2026 Annual Report to DWR.

LSCE will prepare a draft memorandum, incorporate consolidated Subbasin GSA feedback, and prepare a final version. LSCE will also coordinate with the Subbasin's Annual Report consultant(s) to ensure the content of the memorandum aligns seamlessly with other sections of the WY2026 Annual Report.

### Task 3. Assumptions

- GSAs will provide timely feedback on the draft technical memorandum.
- Subbasin's Annual Report consultant(s) will be available and responsive for coordination on content integration.

### Task 3. Deliverables

- Draft technical memorandum summarizing data gap implementation outcomes.
- Final technical memorandum incorporating GSA/Subbasin feedback, prepared for use in the WY2026 Annual Report to DWR.

### Task 4. Project Coordination and Management

LSCE will provide project coordination and management to support timely and consistent implementation of the tasks described in this scope. This includes progress tracking, maintaining communication with GSAs, and supporting Subbasin-wide consistency in data gap filling efforts.

LSCE will attend the Subbasin Managers meetings (anticipated bi-monthly) and Subbasin Policy meetings (anticipated monthly). This scope includes attendance at up to three meetings per month, with updates related to this scope of work anticipated to be no longer than 30 minutes per meeting. LSCE will prepare presentation materials to accompany these updates as needed.

**Task 4. Deliverables**

- Updates to Subbasin Managers and Policy groups during scheduled meetings.

**PROJECT BUDGET**

Based on LSCE’s understanding of the tasks outlined above, Table 2 presents a breakdown of the budget estimates by task. LSCE will perform services on a time-and-materials basis, invoiced monthly in accordance with the attached *2026 Schedule of Fees – Engineering and Related Field Services*. The Senior Principal, Senior Professional, and Staff Professional billing rate categories will be used primarily to complete the work described herein.

Budget estimates for Tasks 1 and 2 represent high-end estimates and assume GSAs are unable to resolve remaining data gaps using currently identified candidate wells or planned Well Inventory refinements. Actual costs are expected to be lower if fewer gaps require new well identification or construction.

The Task 4 budget assumes attendance at up to three Subbasin meetings per month. Costs may be lower if coordination needs are less intensive.

Table 2. Estimated Project Budget		
Tasks	Estimated Time (Hours)	Total Budget
Task 1. Identifying Wells to Fill Data Gaps	22	\$5,000
Task 2. New Monitoring Wells – Preliminary Well Design Support	22	\$5,000
Task 3. Technical Memorandum	22	\$5,000
Task 4. Project Coordination and Management	33	\$8,000
<b>Total Project Budget</b>	<b>99</b>	<b>\$23,000</b>

**SCHEDULE**

The schedule spans February through December 2026 and aligns with Final 2025 Plan commitments and WY2026 reporting requirements.

- **February - May 2026:**
  - Task 1 (Existing Wells): GSAs continue identifying candidate wells to fill data gaps, with LSCE confirming suitability; GSAs continue access agreement efforts.
  - Task 1 (Kern Subbasin Well Inventory Updates): GSAs continue refining domestic well counts in the Kern Subbasin Well Inventory and coordinating results with GEI and LSCE.
  - Task 4 (Coordination and Management): LSCE provides updates at Subbasin meetings.
- **June 2026 – December 2026:**
  - Task 2 (New Monitoring Wells): GSAs or their consultants and/or LSCE complete preliminary well designs. GSAs select site, contract driller, and complete final well designs.



LSCE reviews final well designs. Well contractor completes construction of new monitoring wells by December 31, 2026.


- Task 4 (Coordination and Management): LSCE provides updates at Subbasin meetings.
- **December 2026:**
  - Task 3 (Technical Memorandum): LSCE provides Subbasin Managers draft technical memorandum for review by December 9, 2026. LSCE receives Subbasin Managers feedback on draft technical memorandum by December 21, 2026. LSCE finalizes technical memorandum by December 31, 2026.
  - Task 4 (Coordination and Management): LSCE provides updates at Subbasin meetings and presents draft technical memorandum during December 11, 2026 Subbasin Managers meeting.


Completion of this work is dependent on timely coordination among all parties. If delays occur due to factors outside LSCE's control, work may extend into 2027, and a budget amendment may be required.

This Scope of Work provides a framework for advancing groundwater level and groundwater quality RMN data gap implementation, maintaining progress toward Subbasin commitments, and positioning the Subbasin for timely and effective implementation of the Final 2025 Plan in a coordinated and consistent manner. LSCE is available to answer any questions regarding the proposed scope or related implementation efforts.

Sincerely,

LUHDORFF AND SCALMANINI  
CONSULTING ENGINEERS

  
Will Halligan, PG  
Senior Principal Hydrogeologist

  
Angela Hansen  
Senior Hydrogeologist

Attachment(s): *2026 Schedule of Fees – Engineering and Related Field Services*



## 2026 SCHEDULE OF FEES ENGINEERING AND RELATED FIELD SERVICES

**Professional\***

Senior Principal .....	\$297/hr.
Principal Professional .....	\$269/hr.
Supervising Professional .....	\$258/hr.
Senior Professional.....	\$230/hr.
Project Professional .....	\$206/hr.
Staff Professional .....	\$181/hr.

**Technical**

Data Management Specialist .....	\$181/hr.
Senior GIS Analyst .....	\$181/hr.
GIS Specialist .....	\$130/hr.
Engineering Asst/Scientist.....	\$125/hr.

**Project Admin Support**

Word Processing, Clerical .....	\$110/hr.
Digital Communications Specialist.....	\$125/hr.
Project Administrator.....	\$125/hr.

Professional or Technical Testimony	200% of Regular Rates
Technical Overtime (if required)	150% of Regular Rates
Outside Services/Rentals	Cost Plus 15%
Services by Associate Firms	Cost Plus 15%
Prevailing Wage Rate	\$215/hr
Vehicle Use	\$0.73/mi (or curr. IRS rate)
Subsistence	Cost Plus 15%
Copies	\$0.20 ea.
Field Equipment Rental	
Pressure Transducer	\$10/day
Ultrasonic Flow Meter	\$150/day
Multiparameter Sonde	\$125/day
Field Materials	As-Incurred

\* Engineer, Geologist, Hydrogeologist, and Hydrologist

Send invoice payments to Accounts Receivable, 500 1<sup>st</sup> Street, Woodland, CA 95695 or [accountsreceivable@lsce.com](mailto:accountsreceivable@lsce.com)

# **Kern Fan Monitoring Committee**

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Kern County Water Agency  
Stuart T. Pyle Water Resources Center – Board Room – 3200 Rio Mirada Drive

Conference Line: [+1 \(872\) 240-3311](tel:+18722403311)

Access Code: 410-757-101#

<https://meet.goto.com/410757101>

**March 18, 2026**

**8:30am.**

## **MEETING NOTICE & AGENDA**

1. Call to order
2. Review of Minutes (Approval Item) - January 21, 2026
3. Treasurer's Report (Approval Item) – March 2026
4. Status of KFMC Bank Account/Treasurer (Discussion Item)
5. 2025 Call for Funds (Approval Item)
6. Kern Fan 101 (Presentation & Discussion Item)
7. Status of Reports (Discussion Item)
8. Status of Operations (Discussion Item)
  - A. Construction & Operation Activities
    - Buena Vista Water Storage District
    - Improvement District No. 4
    - Kern Delta Water District
    - Kern Water Bank
    - Pioneer & Berrenda Mesa Projects
    - Rosedale-Rio Bravo Water Storage District
    - Irvine Ranch WD/ Strand Ranch Property
    - Semitropic Water Storage District
    - West Kern Water District
    - Other Member Operations
  - B. Water Level Monitoring & Hydrographs
  - C. Groundwater and Surface Water Quality Monitoring Program
9. Other
10. Set Next Meeting Date and Adjourn

**(The next Kern Fan Monitoring Committee Meeting will be on May 20, 2026 at 8:30 a.m.)**

**2026 Pioneer Project Budget - Update on Projects**

Description	Amount Budgeted <sup>[1]</sup>	Schedule	Estimated Completion Date	Comments
<b>Replacement - Recharge</b>				
(1) Basin 9	\$5,000	Fall 2025	Winter 2026	Dee Jaspar retained for construction management services. Construction nearing completion, pending gate installation (April 2026).
(2) Nord Siphon Turnout	\$1,258,213	Spring 2026	Summer 2026	Bid opening held on February 5, 2026. Construction and Operations Agreement comments have been received from the Kern Water Bank Authority (KWBA) and are undergoing Agency review.
(3) Spare Section 4 Pump	\$405,000	Winter 2026	Winter 2027	Approved for purchase. Agency staff preparing bid documents. [Low priority]
(4) North Pioneer West Basin Levee Repair	\$756,800	Spring 2026	Summer 2026	Agency staff are reviewing 100% plans and specs. Anticipated to be bid in spring 2026.
(5) Pioneer South Interbasin Structures	\$493,000	Spring 2026	Fall 2026	Agency staff are preparing 90% specs. Meyer preparing 100% plans. Anticipated to be bid in spring 2026.
<b>Capital - Recharge</b>				
(6) North Pioneer Section 4 East Basin Turnout	\$5,000	Fall 2025	Winter 2026	Dee Jaspar retained for construction management services. Construction nearing completion, pending gate installation (April 2026).
(7) McAllister/Central & South Pioneer Delivery Improvements	\$0	TBD	TBD	Meyer has added a second culvert to the design. McAllister final EIR is complete and approved. BVWSD prepared to have Meyer proceed with Pioneer mitigation design.
(8) Basin 11 Turnout/Low Flow Channel	\$179,000	Fall 2025	Spring 2026	Construction of the Basin 11 Turnouts began mid January 2026. [High priority] Construction of the Low Flow Channel with Remedial Transportation Services, Inc. (RTS) is complete.
(9) North Pioneer West Basin Weir Plan	\$930,500	Fall 2025	Winter 2026	Construction of the North Pioneer West Basin Weir Plan with RTS is complete.
<b>Capital - Recovery</b>				
(10) Meter Study	\$56,000	Winter 2026	TBD	Bid awarded to Provost & Pritchard at January 2026 KCWA Board meeting.

[1] Construction and consultant costs only.

TABLE 1

**Pioneer Project  
2026 Budget  
Amended**

	<b>2025 Budget</b>	<b>Actual 8/31/2025</b>	<b>Anticipated 12/31/2025</b>	<b>Total 2025 Expense</b>	<b>Amount Remaining</b>	<b>2026 Budget</b>
Administration (Table 2).....	\$ 1,343,700	\$ 458,100	\$ 261,900	\$ 720,000	\$ 623,700	\$ 1,536,800
Recharge O&M (Table 3).....	600,300	350,000	161,200	511,200	89,100	653,700
Recovery O&M (Table 4).....	844,500	211,300	153,100	364,400	480,100	969,600
<b>Subtotal</b>	<b>2,788,500</b>	<b>1,019,400</b>	<b>576,200</b>	<b>1,595,600</b>	<b>1,192,900</b>	<b>3,160,100</b>
Replacement - Recharge Facilities (Table 5).....	3,086,000	87,100	545,800	632,800	2,453,200	3,234,500
Capital - Recharge Facilities (Table 6).....	1,498,000	64,400	542,100	606,500	891,500	1,236,000
Capital - Recovery Facilities (Table 7).....	87,000	2,100	15,000	17,100	69,900	87,000
<b>Subtotal</b>	<b>4,671,000</b>	<b>153,600</b>	<b>1,102,900</b>	<b>1,256,400</b>	<b>3,414,600</b>	<b>4,557,500</b>
<b>Total.....</b>	<b>\$ 7,459,500</b>	<b>\$ 1,173,000</b>	<b>\$ 1,679,100</b>	<b>\$ 2,852,000</b>	<b>\$ 4,607,500</b>	<b>\$ 7,717,600</b>

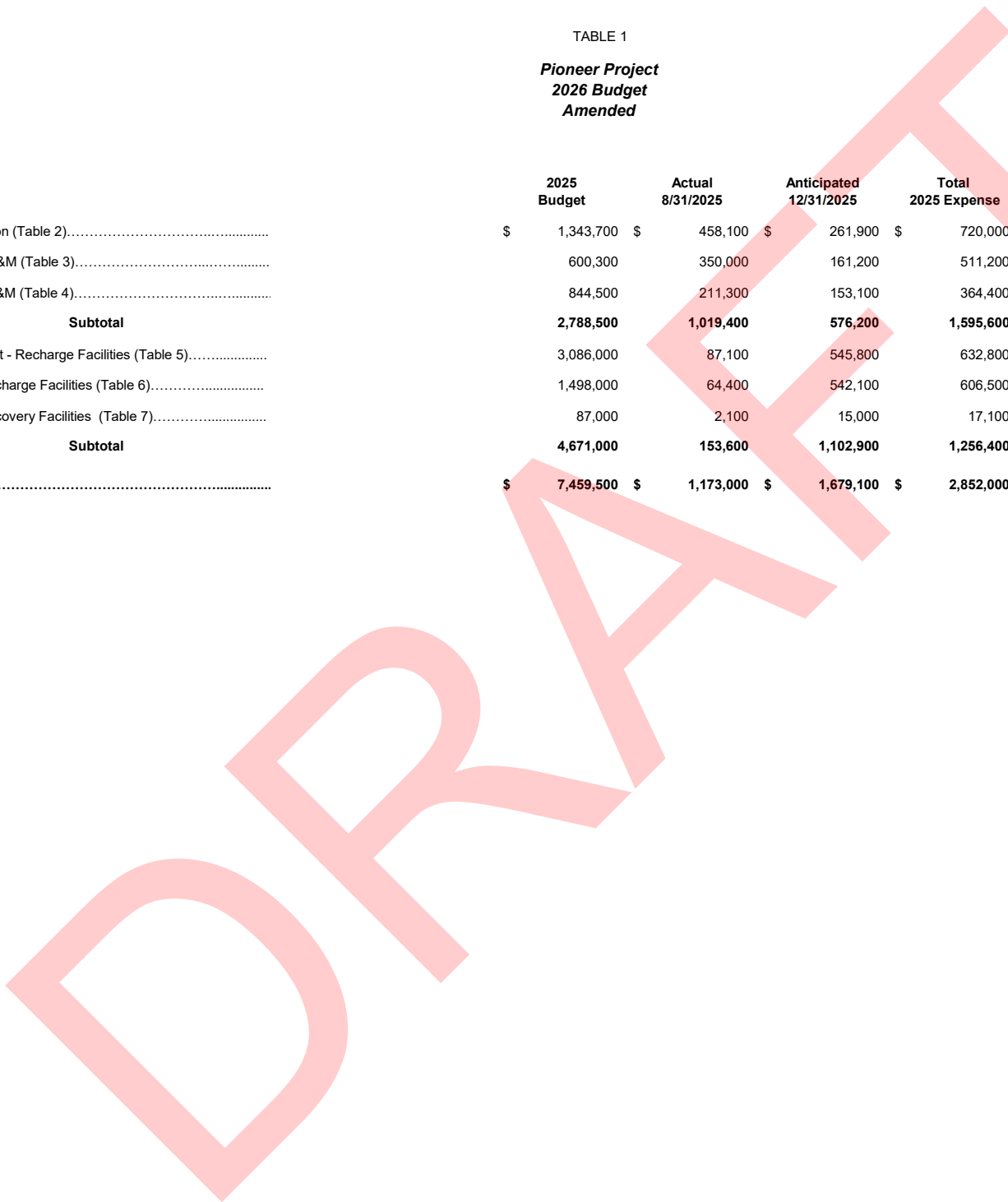


TABLE 2

**Pioneer Project  
2026 Budget  
Administration <sup>[1]</sup>  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. Salaries and Benefits	Agency Staff	\$ 91,600	\$ 24,226	\$ 13,810	\$ 38,036	\$ 53,564	\$ 91,600
2. Operations							
	<b>Subtotal</b>	-	-	-	-	-	-
3. Maintenance <sup>[2]</sup>							
	<b>Subtotal</b>	150,500	109,082	35,040	144,122	6,378	281,500
4. Administration <sup>[3]</sup>							
	<b>Subtotal</b>	181,300	54,465	58,572	113,037	68,263	127,050
5. Professional Services <sup>[4]</sup>							
	<b>Subtotal</b>	6,000	-	-	-	6,000	14,250
6. Structures and Improvements							
	<b>Subtotal</b>	-	-	-	-	-	-
7. Pioneer survey of record	Professional Services	20,000	443	19,557	20,000	-	-
8. Sustainable Groundwater Management Act	Agency Staff, Administration	200,000	139,748	69,900	209,648	(9,648)	268,400
	Professional Services	150,000	36,439	18,200	54,639	95,361	180,000
	Basin Coordination Fees	200,000	93,689	46,800	140,489	59,511	200,000
	<b>Subtotal</b>	550,000	269,876	134,900	404,776	145,224	648,400
9. Property fencing - bike path	Agency Staff, Administration	31,300	-	-	-	31,300	34,000
	Professional Services	52,000	-	-	-	52,000	52,000
	Structures and Improvements <sup>[5]</sup>	261,000	-	-	-	261,000	288,000
	<b>Subtotal</b>	344,300	-	-	-	344,300	374,000
<b>Total</b>		<b>\$ 1,343,700</b>	<b>\$ 458,100</b>	<b>\$ 261,900</b>	<b>\$ 720,000</b>	<b>\$ 623,700</b>	<b>\$ 1,536,800</b>

[1] This budget includes administration of leases, easements, storage accounts, budgets, attending meetings, collecting Kern Fan Monitoring Committee water levels and water quality and preparing or updating maps.

[2] Includes \$1,300 for water quality sampling for the Kern Fan Monitoring Committee, \$50,000 for peizometers, \$80,000 for tree removal and \$150,000 to mow one-half of Pioneer.

[3] Includes, but is not limited to, rents and leases, office and computer supplies, associations and memberships, utilities, liability and property insurance and allocated admistration expenses.

[4] Includes \$6,000 for safety coordinator and \$750 for public education and outreach consultant.

[5] Assumes \$20/foot of 5-strand barbed wire with seven access gates (for a total of 9,000 feet). A 15 percent contingency is included for 2026.

TABLE 3

**Pioneer Project  
2026 Budget  
Recharge O&M <sup>[1,2]</sup>  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. Salaries and Benefits	Agency Staff	\$ 71,500	\$ 127,304	\$ 72,650	\$ 199,954	\$ (128,454)	\$ 170,000
2. Operations <sup>[3]</sup>							
	<b>Subtotal</b>	<b>3,000</b>	<b>3,500</b>	<b>1,750</b>	<b>5,250</b>	<b>(2,250)</b>	<b>5,500</b>
3. Maintenance <sup>[4]</sup>							
	<b>Subtotal</b>	<b>171,500</b>	<b>6,755</b>	<b>3,050</b>	<b>9,805</b>	<b>161,695</b>	<b>181,900</b>
4. Administration <sup>[5]</sup>							
	<b>Subtotal</b>	<b>174,300</b>	<b>83,364</b>	<b>81,190</b>	<b>164,554</b>	<b>9,746</b>	<b>181,300</b>
5. Professional Services <sup>[6]</sup>							
	<b>Subtotal</b>	<b>55,000</b>	<b>5,038</b>	<b>2,520</b>	<b>7,558</b>	<b>47,442</b>	<b>62,500</b>
6. Structures and Improvements							
	<b>Subtotal</b>	<b>125,000</b>	<b>124,069</b>	<b>-</b>	<b>124,069</b>	<b>931</b>	<b>-</b>
7. Recharge Optimization Study <sup>[7]</sup>							
	Agency Staff, Administration	-	-	-	-	-	2,500
	Professional Services	-	-	-	-	-	50,000
	<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>52,500</b>
<b>Total</b>		<b>\$ 600,300</b>	<b>\$ 350,000</b>	<b>\$ 161,200</b>	<b>\$ 511,200</b>	<b>\$ 89,100</b>	<b>\$ 653,700</b>

[1] This budget includes administrative items and maintaining levees, roads, canals and channels as needed, pursuant to the annual levee inspection, maintenance and restoration program. Dredging of James Canal will be evaluated each year.

[2] The annual recharge operations and maintenance fee is \$6 per acre-foot.

[3] Includes PG&E standby charges for the Section 4 pump.

[4] Includes maintenance of interbasin structures, electrical and mechanical repairs, parts and equipment.

[5] Includes, but is not limited to, rents and leases, office and computer supplies, associations and memberships, utilities, liability and property insurance and allocated administration expenses.

[6] Includes \$7,500 for database development, \$4,000 for Avadine database and reporting, including software updates as needed, in addition to \$51,000 for assistance with maintaining levees, roads, canals and channels as needed.

[7] Includes evaluation of potential recharge pond modifications based on the aerial photogrammetry results.

TABLE 4

**Pioneer Project  
2026 Budget  
Recovery O&M <sup>[1,2]</sup>  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. Salaries and Benefits	Agency Staff	\$ 111,000	\$ 79,259	\$ 45,230	\$ 124,489	\$ (13,489)	\$ 130,000
2. Operations <sup>[3]</sup>							
	<b>Subtotal</b>	<b>106,000</b>	<b>30,000</b>	<b>15,000</b>	<b>45,000</b>	<b>61,000</b>	<b>106,000</b>
3. Maintenance <sup>[4,5]</sup>							
	<b>Subtotal</b>	<b>123,000</b>	<b>11,456</b>	<b>4,480</b>	<b>15,936</b>	<b>107,064</b>	<b>207,600</b>
4. Administration <sup>[6]</sup>							
	<b>Subtotal</b>	<b>190,300</b>	<b>89,764</b>	<b>87,961</b>	<b>177,725</b>	<b>12,575</b>	<b>193,800</b>
5. Professional Services <sup>[7]</sup>							
	<b>Subtotal</b>	<b>14,200</b>	<b>860</b>	<b>430</b>	<b>1,290</b>	<b>12,910</b>	<b>32,200</b>
6. Structures and Improvements <sup>[8]</sup>							
	<b>Subtotal</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>	<b>300,000</b>
7. Arc Flash update <sup>[9]</sup>	Professional Services	-	-	-	-	-	-
<b>Total</b>		<b>\$ 844,500</b>	<b>\$ 211,300</b>	<b>\$ 153,100</b>	<b>\$ 364,400</b>	<b>\$ 480,100</b>	<b>\$ 969,600</b>

[1] This budget includes administrative items and maintaining electrical panels, flow meters, pumps, motors, pipelines, well efficiency, rodents, weeds and safety training.

[2] The annual recovery operations and maintenance fee is \$40 per acre-foot.

[3] Includes PG&E power, standby and demand charges. Budget assumes starting all 38 wells during winter rates.

[4] Budget includes sampling of one-third of wells every three years and fourteen additional wells in 2026, along with electrical and mechanical repairs, chemicals, parts and equipment.

[5] Includes \$60,000 for electrical breakers and/or soft starts and \$30,000 for additional electrical equipment. Removed \$55,000 for flow meter purchases pending the outcome of the system-wide meter study.

[6] Includes, but is not limited to, rents and leases, office and computer supplies, associations and memberships, utilities, liability and property insurance and allocated administration expenses.

[7] Includes \$7,500 for database development, \$4,000 for Avadine database and reporting, including software updates as needed, in addition to \$10,200 for well efficiency and discharge sand production testing.

[8] Two wells are planned for pump maintenance in 2026.

[9] Next Arc Flash update needed in 2028.

TABLE 5

**Pioneer Project  
2026 Budget  
Replacement - Recharge Facilities  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. Basin #9	Agency Staff, Administration	44,400	28,370	16,030	44,400	-	500
	Professional Services <sup>[1]</sup>	67,000	1,838	60,162	62,000	5,000	5,000
	Structures and Improvements	377,200	-	377,200	377,200	-	-
	<b>Subtotal</b>	<b>488,600</b>	<b>30,208</b>	<b>453,392</b>	<b>483,600</b>	<b>5,000</b>	<b>5,500</b>
2. Nord Siphon Turnout <sup>[2]</sup>	Agency Staff, Administration	103,000	27,365	13,700	41,065	61,935	125,800
	Professional Services <sup>[3]</sup>	149,300	19,115	200	19,315	129,985	88,500
	Structures and Improvements	864,000	-	-	-	864,000	1,169,713
	<b>Subtotal</b>	<b>1,116,300</b>	<b>46,480</b>	<b>13,900</b>	<b>60,380</b>	<b>1,055,920</b>	<b>1,384,013</b>
3. Spare Section 4 Pump <sup>[4]</sup>	Agency Staff, Administration	40,500	-	-	-	40,500	40,500
	Professional Services	40,000	-	-	-	40,000	40,000
	Structures and Improvements	365,000	-	-	-	365,000	365,000
	<b>Subtotal</b>	<b>445,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>445,500</b>	<b>445,500</b>
4. North Pioneer West Basin Levee Repair	Agency Staff, Administration	65,600	785	10,500	11,285	54,315	75,700
	Professional Services <sup>[5]</sup>	64,000	-	33,000	33,000	31,000	76,000
	Structures and Improvements	592,000	-	-	-	592,000	680,800
	<b>Subtotal</b>	<b>721,600</b>	<b>785</b>	<b>43,500</b>	<b>44,285</b>	<b>677,315</b>	<b>832,500</b>
5. Maintain and repair canals and structures as needed <sup>[6]</sup>	Agency Staff, Administration	-	2,355	3,200	5,555	(5,555)	74,000
	Professional Services <sup>[7]</sup>	44,000	7,234	31,766	39,000	5,000	53,000
	Structures and Improvements	270,000	-	-	-	270,000	440,000
	<b>Subtotal</b>	<b>314,000</b>	<b>9,589</b>	<b>34,966</b>	<b>44,555</b>	<b>269,445</b>	<b>567,000</b>
<b>Total</b>		<b>\$ 3,086,000</b>	<b>\$ 87,100</b>	<b>\$ 545,800</b>	<b>\$ 632,800</b>	<b>\$ 2,453,200</b>	<b>\$ 3,234,500</b>

[1] Includes \$13,000 for bid and construction support, \$14,000 for materials testing and \$40,000 for construction management services of the replacement of Basin 9 turnout (225 cfs) in 2025.

[2] Includes 50 percent of project costs, as the Kern Water Bank Authority has agreed to pay 50 percent.

[3] Includes \$2,000 for biological services, \$23,500 for bid and construction support, \$15,000 for materials testing and \$48,000 for construction management services in 2026.

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

[5] Includes \$5,000 for design, \$20,000 for materials testing, \$16,000 for bid and construction support and \$35,000 for construction management services in 2026.

[6] Includes funds for the replacement of interbasin structures in South Pioneer.

[7] Includes \$5,000 for design, \$25,000 for materials testing and \$23,000 for bid and construction support in 2026. Construction management services will be handled by Agency staff.

TABLE 6

3/11/2026

**Pioneer Project  
2026 Budget  
Capital Budget - Recharge Facilities  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. North Pioneer Section 4 East Basin Turnout	Agency Staff, Administration	18,600	15,685	2,915	18,600	-	500
	Professional Services <sup>[1]</sup>	47,000	508	41,492	42,000	5,000	5,000
	Structures and Improvements	139,400	-	139,400	139,400	-	-
	<b>Subtotal</b>		<b>205,000</b>	<b>16,193</b>	<b>183,807</b>	<b>200,000</b>	<b>5,000</b>
2. McAllister/Central and South Pioneer Delivery Improvements	Agency Staff, Administration	4,000	8,676	4,300	12,976	(8,976)	10,000
	Professional Services	40,000	-	-	-	40,000	-
	Structures and Improvements	-	-	-	-	-	-
	<b>Subtotal</b>		<b>44,000</b>	<b>8,676</b>	<b>4,300</b>	<b>12,976</b>	<b>31,024</b>
3. Basin 11 Turnout/Low Flow Channel	Agency Staff, Administration	23,400	1,105	56,595	57,700	(34,300)	17,900
	Professional Services <sup>[2]</sup>	38,400	-	26,400	26,400	12,000	12,000
	Structures and Improvements <sup>[3]</sup>	195,500	-	28,500	28,500	167,000	167,000
	<b>Subtotal</b>		<b>257,300</b>	<b>1,105</b>	<b>111,495</b>	<b>112,600</b>	<b>144,700</b>
4. North Pioneer West Basin Weir Plan	Agency Staff, Administration	90,200	34,122	17,100	51,222	38,978	93,100
	Professional Services <sup>[4]</sup>	55,900	4,327	14,000	18,327	37,573	84,900
	Structures and Improvements	845,600	-	211,400	211,400	634,200	845,600
	<b>Subtotal</b>		<b>991,700</b>	<b>38,449</b>	<b>242,500</b>	<b>280,949</b>	<b>710,751</b>
<b>Total</b>		<b>\$ 1,498,000</b>	<b>\$ 64,400</b>	<b>\$ 542,100</b>	<b>\$ 606,500</b>	<b>\$ 891,500</b>	<b>\$ 1,236,000</b>

[1] 100 cfs turnout from Section 4 Pond 3 to East Basin. Includes \$12,000 for materials testing, \$13,000 for bid and construction support and \$22,000 for construction management services in 2025.

[2] Includes construction management services for the Basin 11 Turnout. Low Flow Channel costs are not included as they will be reimbursed by the Kern Water Bank Authority.

[3] Includes construction of the Basin 11 Turnout. Low Flow Channel costs are not included as they will be reimbursed by the Kern Water Bank Authority.

[4] Includes \$57,000 for construction management services, \$15,400 for materials testing and \$12,500 for bid support in 2026.

TABLE 7

**Pioneer Project  
2026 Budget  
Capital Budget - Recovery Facilities  
Amended**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Activity	Description	2025 Budget	Actual 8/31/2025	Anticipated 12/31/2025	Total 2025 Expense	Amount Remaining	2026 Budget
1. Groundwater transducer	Purchase	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000
2. Well site easements	Consultant	7,000	-	-	-	7,000	7,000
3. Metering Study <sup>[1]</sup>	Agency Staff, Administration	19,000	2,070	3,000	5,070	13,930	19,000
	Professional Services	56,000	-	12,000	12,000	44,000	56,000
	Structures and Improvements	-	-	-	-	-	-
<b>Subtotal</b>		<b>75,000</b>	<b>2,070</b>	<b>15,000</b>	<b>17,070</b>	<b>57,930</b>	<b>75,000</b>
<b>Total</b>		<b>\$ 87,000</b>	<b>\$ 2,100</b>	<b>\$ 15,000</b>	<b>\$ 17,100</b>	<b>\$ 69,900</b>	<b>\$ 87,000</b>

[1] Includes evaluation of the condition of existing meters and potential system-wide improvements.

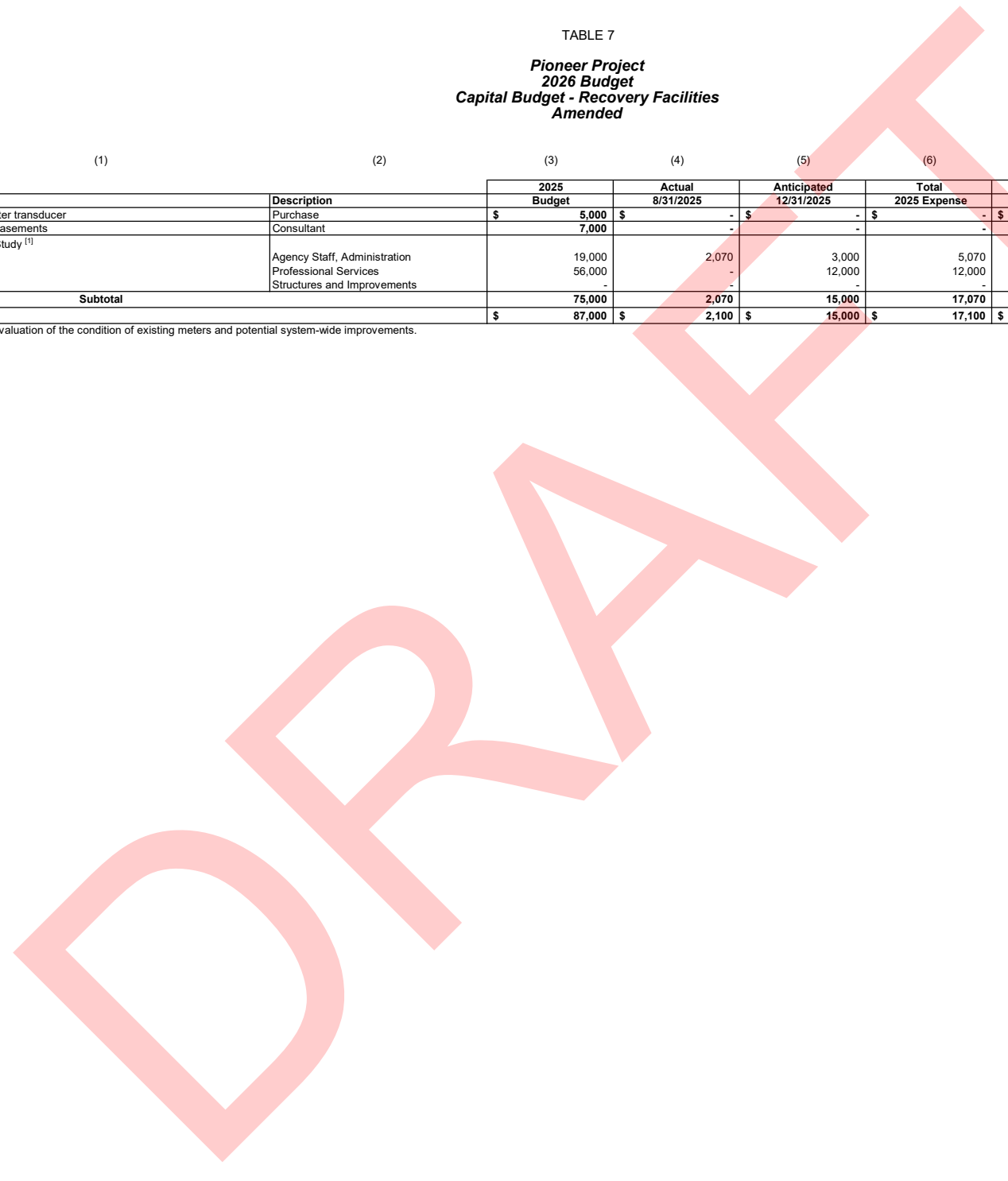


TABLE 8

**Pioneer Project  
Annual Budget by Participant  
2026**

Participant	Administration			Recharge O&M			Recovery O&M <sup>[1]</sup>			Capital - Recharge		
	60%	40%	Total	60%	40%	Total	60%	40%	Total	60%	40%	Total
Belridge WSD.....	91,440	60,960	152,400	38,895	25,930	64,825	91,976	61,317	153,293			0
Berrenda Mesa WD.....	91,440	60,960	152,400	38,895	25,930	64,825	91,976	61,317	153,293			0
Improvement District No. 4.....	53,788	35,858	89,646	22,880	15,253	38,133	54,104	36,069	90,173			0
Lost Hills WD.....	80,682	53,788	134,470	34,319	22,880	57,199	81,156	54,104	135,260			0
Semitropic WSD.....	75,303	50,202	125,505	32,031	21,354	53,385	75,745	50,497	126,242			0
Tejon-Castac WD.....	5,379	3,585	8,964	2,288	1,525	3,813	5,410	3,607	9,017			0
Wheeler Ridge-Maricopa WSD...	139,848	93,232	233,080	59,487	39,658	99,145	140,670	93,780	234,450			0
Kern County Water Agency.....	76,840	51,227	128,067	32,685	21,790	54,475	40,723	27,149	67,872			0
Buena Vista WSD.....	76,840	51,227	128,067	32,685	21,790	54,475			0	185,400	123,600	309,000
Henry Miller WD.....	76,840	51,227	128,067	32,685	21,790	54,475			0	185,400	123,600	309,000
Kern Delta WD.....	76,840	51,227	128,067	32,685	21,790	54,475			0	185,400	123,600	309,000
Rosedale-Rio Bravo WSD.....	76,840	51,227	128,067	32,685	21,790	54,475			0	185,400	123,600	309,000
<b>Total</b>	<b>922,080</b>	<b>614,720</b>	<b>1,536,800</b>	<b>392,220</b>	<b>261,480</b>	<b>653,700</b>	<b>581,760</b>	<b>387,840</b>	<b>969,600</b>	<b>741,600</b>	<b>494,400</b>	<b>1,236,000</b>

[1] Recovery O&M includes KCWA recovery of seven percent of its Reserved Right.

TABLE 9

**Pioneer Project  
Annual Budget by Participant  
2026**

Participant	Replacement - Recharge <sup>[1]</sup>						Capital - Recovery			Total		
	Budget	Credit <sup>[2]</sup>	Balance	60%	40%	Total	60%	40%	Total	60%	40%	Total
Belridge WSD.....	333,585	10,938	322,647	177,122	145,525	322,647	8,874	5,916	14,790	408,307	299,648	707,956
Berrenda Mesa WD.....	258,831	8,690	250,141	137,226	112,915	250,141	8,874	5,916	14,790	368,411	267,037	635,448
Improvement District No. 4.....	75,727	0	75,727	42,692	33,035	75,727	5,220	3,480	8,700	178,684	123,695	302,379
Lost Hills WD.....	358,505	1,590	356,915	200,518	156,397	356,915	7,830	5,220	13,050	404,505	292,389	696,894
Semitropic WSD.....	200,988	826	200,162	112,482	87,680	200,162	7,308	4,872	12,180	302,869	214,605	517,474
Tejon-Castac WD.....	5,125	48	5,077	2,842	2,235	5,077	522	348	870	16,441	11,299	27,741
Wheeler Ridge-Maricopa WSD...	278,423	0	278,423	156,962	121,461	278,423	13,572	9,048	22,620	510,539	357,179	867,717
Kern County Water Agency.....	172,483	0	172,483	97,238	75,245	172,483			0	247,486	175,411	422,897
Buena Vista WSD.....	440,252	210	440,042	247,983	192,059	440,042			0	542,908	388,676	931,584
Henry Miller WD.....	249,035	0	249,035	140,394	108,641	249,035			0	435,319	305,257	740,576
Kern Delta WD.....	260,951	0	260,951	147,112	113,839	260,951			0	442,037	310,457	752,494
Rosedale-Rio Bravo WSD.....	600,595	1,460	599,135	337,127	262,008	599,135			0	632,052	458,626	1,090,677
<b>Total</b>	<b>3,234,500</b>	<b>23,762</b>	<b>3,210,738</b>	<b>1,799,698</b>	<b>1,411,040</b>	<b>3,210,738</b>	<b>52,200</b>	<b>34,800</b>	<b>87,000</b>	<b>4,489,558</b>	<b>3,204,279</b>	<b>7,693,837</b>

[1] Replacement - Recharge allocation based upon proportionate share of historic replacement fees collected through 2024.

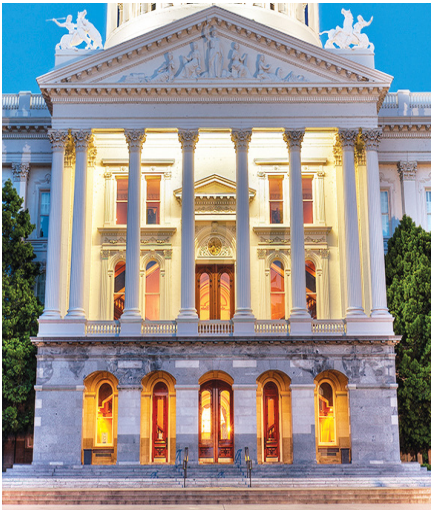
[2] Recharge Replacement Reserve credit of \$23,762 applied to applicable Participants in 2026.

# SACRAMENTO REPORT

March 2026



Volume 21, Issue 3



## NEWS BRIEFS

### \$540 Million for Central Valley Water Infrastructure

The U.S. Department of the Interior announced \$540 million in federal funding for major water infrastructure improvements in California’s Central Valley, including canal repairs in the San Joaquin Valley and planning and preconstruction activities related to Shasta Dam. The funding is part of a broader \$889 million investment in Western water infrastructure made possible by the One Big Beautiful Bill Act, signed into law in July 2025.

*continued on next page*

### Environmental Group Targets ILRP in the Legislature

Legislation backed by the Natural Resources Defense Council has been introduced by Assembly Member Rebecca Bauer-Kahan (D-Orinda) that would significantly alter the regulation of nitrogen discharges from irrigated agriculture.

AB 2447 would require the State Water Resources Control Board to require the regional boards to update the Irrigated Lands Regulatory Program in order to reduce nitrogen waste discharges from commercial irrigated agricultural areas. The bill would require the regional boards to adopt revised orders with waste discharge requirements on or before January 1, 2028, that are sufficient to meet certain reductions in nitrogen waste discharges. The bill would require the state board to, on or before July 1, 2027, publish both a list of standardized crop names and categories, and a statewide methodology for calculating, and field-level reporting of, nitrogen balances for croplands, including nitrogen fertilizer applications and nitrogen discharges, that account for available soil nitrogen, to be used by the regional boards and incorporated into the revised orders. The bill would require the state board, on or before January 1, 2031, and in coordination with the regional boards, to submit a report to the relevant policy committees of the Legislature on progress achieved in implementing these requirements,

*See Environmental Group, page 2*

### Legislators Seek Pathways to Redress Historical Mistreatment of Native Americans

Measures that could affect existing land use, water rights, and environmental review procedures have been introduced in the current legislative session.

AB 1881, the California Indian Freedom Act of 2026, would prohibit a governmental agency from substantially burdening a California Indian or California Native American tribe’s exercise of religious beliefs or spiritual practices, including their access to and use of sacred sites and objects, and their ability to perform religious ceremonies and rites, even if the burden results from a rule of general applicability, unless the governmental agency demonstrates that application of the burden is in furtherance of a compelling governmental interest and is in the least restrictive means of furthering that interest. The act would apply to all state and

*See Native Americans, page 2*

## Inside Sacramento Report

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State Officials Launch SB 72 .....	7

The largest share of California funding—\$235 million—will support rehabilitation of the Delta-Mendota Canal, including embankment improvements, repairs to aging structures, and advancement of a potential new concrete-lined canal segment. An additional \$200 million will be directed to subsidence correction efforts along the Friant-Kern Canal, while \$50 million is allocated to address subsidence issues along the San Luis Canal. The Tehama-Colusa Canal Authority will receive \$15 million to improve pumping capacity and system performance. Funding also supports planning and preconstruction activities related to Shasta Dam, aimed at improving long-term water storage and delivery reliability. More information can be found on the DOI's [website](#).

### **Report Highlights Land Repurposing Progress**

A new annual report, *From Planning to Action: The Multibenefit Land Repurposing Program's 2025 Progress and Impact*, outlines continued advancement of California's Multibenefit Land Repurposing Program as it moves from regional planning into on-the-ground implementation. The report summarizes activities across eight block grant regions and highlights collaboration among local agencies, growers, community organizations, and state partners to support groundwater sustainability.

During 2025, the Department of Conservation approved a total of 23 Multibenefit Land Repurposing Program imple-

*continued on next page*

including data on the extent of progress made toward reducing nitrogen waste discharges, as provided.

AB 2447 also would, upon appropriation of funds by the Legislature, require the state board to convene a Safer Fertilizer Task Force in coordination with the Department of Food and Agriculture to establish best available technology standards for nitrogen-based fertilizers. The bill would require the task force to include persons representing organizations focused on climate-resilient or sustainable agriculture, water quality protection, public health, and biodiversity, as well as persons representing academic institutions, agricultural producers, the fertilizer industry, and appropriate state or local agencies. The bill would require the task force to consult with the Fertilizer Inspection Advisory Board's Technical Advisory Subcommittee in developing those best available technology standards.

Valley Ag Water Coalition has joined production agricultural organizations to oppose AB 2447. Opponents note that California agriculture operates under one of the most comprehensive regulatory frameworks in the nation involving discharges of waste from irrigated agricultural operations. Under the Irrigated Lands Regulatory Program, agriculture throughout California is regulated through Waste Discharge Requirements, which require various levels of enrollment, surface and groundwater monitoring, Irrigation and Nitrogen Management Plans, Farm Plans, nitrogen applied reporting and more. Through the ILRP, more than 30,000 farms and ranches are enrolled statewide, covering millions of irrigated acres. Based on State Board data, to date 89% of irrigated farmland is currently enrolled in ILRP, with the remaining to be enrolled soon.

Several VAWC members serve as third-party coalitions to help to administer these programs and coordinate efforts amongst vast agricultural acreages. There are 14 coalitions in the Central Valley working with over 25,000 individual grower operations covering over 6 million acres of irrigated farmland. Coalitions work with the ILRP on behalf of the grower (their members). They work directly with their members and assist them in fulfilling ILRP requirements at a regional-watershed level - meaning a coalition member shares the cost of compliance, monitoring, and reporting with other members. Each member remains fully responsible for complying with ILRP requirements; however, this option greatly reduces overall costs, as well as working directly with the ILRP to fulfill Water Board regulations. Additionally, coalitions prepare and implement mandatory regional water quality management and monitoring plans; and report the results of the monitoring efforts and the effectiveness of the plans to the Board.

Substantial progress has been made by the coalitions and third-party groups in all facets of ILRP, AB 2447 opponents contend. Opponents also point out that the State Water Board recently convened the Second Statewide Agricultural Expert Panel to evaluate nitrogen management, and feasible regulatory metrics. This panel, consisting of scientists, agronomists, university researchers and nutrient management experts have been evaluating vast amounts of data collected through ILRP, taking public testimony, and are developing their final expert recommendations to the State Water Board. Their process is set to be completed later this year. AB 2447 would effectively pre-judge and override this time intensive, objective, technical process by imposing prescriptive statewide mandates before scientific consensus and feasibility determinations are complete. Legislatively mandating specific nitrogen discharge standards on an accelerated timeline risks replacing an evidence-based approach with statutory rigidity.

*See Environmental Group, page 3*

## *Environmental Group, continued from page 2*

In 2020, a well-known and respected economics firm evaluated the impact of nitrogen application and discharge limits being considered by the Central Coast Regional Board. In their evaluation, the firm looked at the economic impact specifically for Monterey County and lettuce production exclusively. The study found that these restrictions would result in a county-wide economic loss of \$683 million annually, job loss of 11,340 positions and the probability of a farm generating revenue greater than costs falls to 14%. (ERA Economics LLC, 2020). This limited analysis illustrates the magnitude AB 2447 would impose across California by taking the same approach across all commodities and all regions as evaluated by ERA Economics.

AB 2447 has not yet been referred to an Assembly policy committee by the Rules Committee, although a referral to more than one committee is possible. As AB 2447 has been identified by the Office of the Legislative Counsel to have fiscal effects, it must clear policy committee review by April 24 to remain eligible for passage this year.

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## *Native Americans, continued from page 1*

local government actions, including, among others, permitting decisions, land use approvals, and enforcement actions.

The legislation by Assembly Member James Ramos (D-San Bernardino) would authorize a California Indian or tribe to assert a violation of these provisions as a claim or defense in any judicial or administrative proceeding, as specified. Before any governmental agency undertakes, approves, permits, funds, or authorizes a project that may impact a sacred site or cultural landscape, the bill would require the governmental agency to engage in early, meaningful and good-faith government-to-government consultation with an affected tribe. The bill would require a governmental agency to seek and document free, prior, and informed consent from affected tribes for any project that risks, among other things, physical destruction or alteration of a sacred site. The bill would require a government agency to avoid adverse impacts to sacred sites, as described, and allow California Indians access to sacred sites on public lands for Native American religious, ceremonial, or cultural activities, except as specified.

AB 1881 presents several concerns for farm water districts:

The legislation significantly expands the scope of consultation rather than mirror the manner in which local agencies now engage with tribes under CEQA

The legislation applies to all state and local government actions, including, but not limited to, all of the following: (a) Permitting decisions, (b) Land use approvals, (c) Enforcement actions, (d) Environmental review, and (e) Contracting, licensing, or regulatory activities

A California Indian or tribe would have standing and may assert a violation of provisions of the bill as a claim or defense in any judicial or administrative proceeding, and

The legislation would apply to water right and water quality control plan proceedings undertaken by the State Water Resources Control Board; Section 5937 of the Fish and Game Code, which requires the owner of any dam to allow sufficient water at all times to pass through a fishway, or in the absence of a fishway, allow sufficient water to pass over, around or through the dam, to keep in good

See *Native Americans*, page 4

## **NEWS BRIEFS** *continued*

mentation projects, including 13 approved last year, enrolling more than 4,800 acres statewide. Projects include the development of groundwater recharge and flood control basins, habitat restoration efforts, and transitions to more sustainable working lands such as grazing or lower-water-use practices. The report also highlights statewide technical assistance, peer learning, and coordination efforts to help regions overcome permitting, planning, and implementation challenges as projects continue into 2026. To review the full report, please visit the [MLRP webpage](#).

### **Board Staff Recommends Delta-Mendota Subbasin Return to DWR Oversight**

State Water Resources Control Board staff have released a staff assessment recommending that the Delta-Mendota Subbasin be returned to Department of Water Resources oversight under the Sustainable Groundwater Management Act (SGMA). The recommendation reflects findings that local groundwater agencies have made significant progress addressing deficiencies identified in earlier groundwater sustainability plans.

According to the assessment, the subbasin's 23 groundwater sustainability agencies improved coordination by adopting a single, basin-wide groundwater sustainability plan and strengthened provisions related to groundwater quality and drinking water well mitigation. If approved

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## NEWS BRIEFS *continued*

by the State Water Board, the action would move the Delta-Mendota Subbasin out of the state intervention process and back under DWR's ongoing evaluation and oversight.

The State Water Board is scheduled to consider the staff recommendation at an April 7 meeting, following a public comment period on the assessment that concludes April 1. The staff assessment, and other updates, are available on the State Water Board's SGMA [webpage](#).

### **DWR Takes Action as Early Snowmelt Accelerates**

The California Department of Water Resources (DWR) reports that unseasonably high temperatures are accelerating snowmelt in the Sierra Nevada, triggering an earlier-than-normal runoff season. Over a recent 12-day period, the statewide snowpack has been melting at an average rate of about one percent per day, raising concerns about reduced water availability later this year.

In response, DWR is intensifying monitoring and forecasting efforts, including conducting additional mid-month snow surveys and deploying Airborne Snow Observatory flights to better assess snowmelt conditions in key watersheds. The Department is also adjusting operations and coordinating closely with water managers to capture and store as much runoff as possible for use during the dry summer months. Officials warn that if current warming trends

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## *Native Americans, continued from page 3*

condition any fish that may be planted or exist below the dam; the issuance of an operating permit for a drinking water treatment or wastewater treatment facility by the State Water Resources Control Board; issuance and enforcement actions relating to a lake and streambed alteration agreement.

Assembly Member Ash Kalra (D-San Jose) introduced legislation modeled after the Human Right to Water state policy. AB 2218 would declare that it is the established policy of the state to acknowledge and correct the inequities caused by state-sanctioned acts of termination, removal, and assimilation inflicted upon all California Native American tribes through compensation, legal recognition of rights, or replacement of benefits lost. The bill would require all relevant state agencies, including the Department of Water Resources and the State Water Resources Control Board, to consider and incorporate this policy when revising, adopting, or establishing rights, policies, regulations, permits, or grant criteria to address identified inequities.

The Shingle Springs Band of Miwok Indians and the Karuk Tribe are cosponsoring AB 2218. The Karuk Tribe is a large, federally recognized tribe (approx. 4,800+ members) in Northwestern California along the Klamath River. Known as "upriver people," they manage over a million acres of ancestral territory in Humboldt and Siskiyou Counties.

"A plain reading of this legislation could impose costs on farm water suppliers relating to water right permitting and licensing to provide compensation to California Native American tribes for the benefits of the use of water that has been "lost" or to forgo an amount of water under an existing permit or license to replace benefits lost," said Bob Reeb, VAWC Executive Director. "Lake and streambed alteration agreements and the flow of water below dams to maintain fisheries would also be subject to the policy."

Reeb argues that the proposed state policy also could significantly influence Phase 3 of the Bay-Delta Water Quality Control Plan Update in terms of revisions to water right permits held by entities diverting and storing water for beneficial use within the Sacramento-San Joaquin River watershed. Several California Native American tribes have been engaged in the Phase 2 proceedings and have opposed the inclusion of the Healthy Rivers and Landscapes Alternative, which is supported by the District, arguing that the Unimpaired Flows alternative is the preferred pathway to recovering endangered species and improving water quality.

Valley Ag Water Coalition is opposing both bills. AB 1881 has been referred to the Assembly Judiciary Committee. AB 2218 has been referred to the Assembly Water, Parks & Wildlife Committee and to the Environmental Safety & Toxic Materials Committee. Both bills have an April 24 deadline to move to the Assembly Appropriations.

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## **SGMA Reporting Open to Tulare Lake and Tule Subbasins**

The Groundwater Extraction Annual Reporting System (GEARS) is now open for reporting under the Sustainable Groundwater Management Act (SGMA) for pumpers in the Tulare Lake and Tule subbasins. Pumpers in these subbasins will need to file their first groundwater extraction reports to the State Water Board by May 1, 2026.

The Tule and Tulare Lake subbasins were among six San Joaquin Valley subbasins that submitted groundwater sustainability plans deemed "inadequate" by DWR in

*See [Tulare Lake and Tule Subbasins, page 5](#)*

## *Tulare Lake and Tule Subbasins, continued from page 4*

2023. The determination placed the subbasins under State Water Board jurisdiction and triggered the state intervention process.

The Tule subbasin was designated as probationary in September 2024. The Tulare Lake subbasin was initially designated as probationary in April 2024, however, the Kings County Farm Bureau and two landowners filed a lawsuit over the decision, alleging that the Board's plan went beyond its own authority in an act of "state overreach." Due to the ongoing litigation, actions relating to the Tulare Lake probationary designation remain suspended, including reporting requirements. In October 2025, the Fifth District Court of Appeals issued a decision enabling the State Water Board to resume state intervention work related to the probationary designation of the Tulare Lake Subbasin.

GEARS is the online system used statewide to receive annual groundwater extraction information from water users who are subject to reporting requirements. The system serves as a centralized reporting portal where required users submit pumping data and maintain basic account and contact information tied to groundwater extraction activities. The system is typically opened each year ahead of reporting deadlines, giving users time to prepare and submit required data.

Pumpers who extract two acre-feet or less per year for domestic purposes only, commonly referred to as de minimis pumpers, are excluded from reporting. Pumpers who extract groundwater exclusively within the boundaries of the Delano-Earlimart Irrigation District Groundwater Sustainability Agency or the Kern-Tulare Water District Groundwater Sustainability Agency in the Tule Subbasin are also excluded, provided they are complying with the applicable local groundwater management requirements.

Pumpers who fall into one of these exclusion categories but receive correspondence about SGMA reporting are expected to take action in GEARS. Before May 1, 2026, exempt pumpers should use the system to notify the State Water Board of their reporting status in order to avoid receiving further notices related to reporting and fees.

Additional changes may be on the horizon for other groundwater users. On April 7, the State Water Board is scheduled to consider resolutions that could exclude certain pumpers in the Tulare Lake and Tule subbasins who extract no more than 20 acre-feet of groundwater per year. These potential exclusions are being considered on the basis that smaller-volume pumping may have a minimal impact on overall subbasin groundwater conditions. The Board may adopt, modify, or reject the proposed exclusions, and if they are not approved, any pumpers who are not otherwise exempt would still be required to report through GEARS.

GEARS reporting is also tied to groundwater extraction fees, though some pumpers may qualify for relief. Low-income residents, public schools, and water systems serving disadvantaged communities may be eligible for fee waivers. To be considered for a waiver, affected pumpers must still submit their extraction reports by the May 1, 2026 deadline.

The State Water Board advises that pumpers who are subject to reporting are encouraged to confirm their applicability and familiarize themselves with the system before the deadline approaches.

For more information, please visit the [GEARS webpage](#) or the [SGMA Reporting and Fees](#) webpage.

## **NEWS BRIEFS** *continued*

continue, California could experience one of the lowest April 1 snowpack levels on record, underscoring the importance of real-time data and flexible water management.

### **Department of the Interior Announces \$540 Million for Water Infrastructure**

The U.S. Department of the Interior announced \$540 million in federal funding for major water infrastructure improvements in California's Central Valley, including canal repairs in the San Joaquin Valley and planning and preconstruction activities related to Shasta Dam. The funding is part of a broader \$889 million investment in Western water infrastructure made possible by the One Big Beautiful Bill Act, signed into law in July 2025.

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## NEWS BRIEFS *continued*

water storage and delivery reliability. More information can be found on the DOI's [website](#).

### **BSMAR19 Symposium March 31–April 2**

The [2026 Biennial Symposium on Managed Aquifer Recharge \(BSMAR19\)](#) will take place Tuesday, March 31, through Thursday, April 2, in Sacramento. Themed “Building Resiliency with MAR: Convey, Store and Deliver,” this event, now in its 19th year, is the leading forum for groundwater recharge innovation. This year's keynote speaker will be DWR Director [Karla Nemeth](#). The symposium will feature two full days of presentations, workshops, and poster sessions by leading MAR experts, plus exhibitor and networking opportunities, followed by an optional half-day field trip on April 2 to an agricultural-MAR project just outside of Sacramento. See the [agenda](#) for more information. [Registration](#) is open now.

### **UC Merced Experts Warn of Dangers from Heat Wave**

Climate experts at UC Merced are warning that an unusual March heat wave poses heightened risks to public health, agriculture, and water resources across the San Joaquin Valley and much of California. Forecasts show temperatures reaching 20 to 25 degrees above normal, with some areas expected to see highs in the 90s—conditions more typical of midsummer than early spring.

Experts note that early-season heat waves are especially dangerous because people are not yet acclimated to high tem-

*continued on next page*

## **DWR Releases Final Bulletin 118 – Update 2025 Report**

March 12, 2026—The California Department of Water Resources (DWR) has released the final California's Groundwater: Bulletin 118 – Update 2025, the State's most comprehensive assessment of groundwater conditions, use, and management. The updated documents continued progress by local agencies toward achieving groundwater sustainability under the Sustainable Groundwater Management Act (SGMA), as well as persistent challenges facing many basins statewide.

The final update reflects information reported by local groundwater sustainability agencies (GSAs) and incorporates data covering conditions from 2020 through 2024—a period marked by extreme drought, wet years, and increasing temperatures. Bulletin 118 – Update 2025 consists of a detailed statewide report that summarizes key findings related to groundwater supply, recharge, storage, and management across California's ten hydrologic regions.

“Groundwater plays a critical role in our state's water supply and today's report shows what we've already known: our changing climate and warmer temperatures will continue to increase demand on groundwater supplies as our hydrology changes and tests our water systems,” said Paul Gosselin, DWR Deputy Director of Sustainable Water Management. “It's more important than ever that state and local agencies continue to work together to achieve the goals we set for California in order to protect this precious resource and the people who rely on it.”

Groundwater remains central to California's water supply, providing about 40 percent of statewide water use in average years and up to 60 percent during dry years. The report emphasizes that California's groundwater basins represent the State's largest source of water storage and a critical natural infrastructure asset. High- and medium-priority basins subject to SGMA account for the vast majority of groundwater pumping and continue to be the focus of local management and state oversight.

According to the report, early signs of improvement in groundwater levels are emerging in some areas, supported by local actions such as increased recharge, changes in pumping patterns, and expanded monitoring. Since SGMA's adoption, local agencies across the state have developed and begun implementing more than 1,500 projects and management actions aimed at improving long-term groundwater conditions. Recent wet years enabled substantial managed recharge, demonstrating growing local capacity to capture excess surface water when conditions allow.

Bulletin 118 – Update 2025 also underscores that significant challenges remain. Land subsidence continues to be widespread and damaging in several regions, particularly in areas with long-term groundwater level declines and fine-grained sediments. Subsidence and groundwater depletion continue to threaten canals, pipelines, roads, and other infrastructure, while also increasing costs for water managers and communities. The update further identifies climate change as a key factor intensifying groundwater demand and increasing reliance on groundwater during prolonged droughts.

While Bulletin 118 does not establish new regulatory requirements, the information is intended to support SGMA implementation, inform future planning, and guide technical assistance and investment decisions. DWR has indicated that the update will help local agencies refine their understanding of basin conditions, evaluate progress toward sustainability, and adjust management strategies as needed.

*See [Final Bulletin 118](#), page 7*

The final California's Groundwater: Bulletin 118 – Update 2025 document is available on the California Natural Resources Agency's [groundwater update](#) webpage.

## **State Officials Launch SB 72**

Senator Ana Caballero (D-Merced), state officials, and local water leaders gathered on March 13, 2026 at San Luis Reservoir to launch the modernized California Water Plan under Senate Bill 72 (SB 72), landmark legislation designed to prepare the state's water system for climate change, population growth, and long-term economic demands.

Signed by Governor Gavin Newsom in October 2025, SB 72 established a state-wide planning framework that aligns state, regional, and local water planning efforts. The legislation calls on the Department of Water Resources (DWR), the California Water Commission, an advisory committee, and the public to collaborate on identifying water supply targets and strategies to ensure long-term sustainability. The bill was backed by a broad coalition of water, environmental, business, public safety, and agricultural stakeholders, including VAWC.

Overall, SB 72 will transform water management to: establish necessary statewide water supply targets to capture and produce enough water for all uses; require the state, water community, and stakeholders to work together to develop comprehensive, long-term water supply solutions; and enhance the California Water Plan to drought-proof the state.

“Water in our state supports a population of 38 million people for domestic household use, agriculture, industry, recreation, tourism, wildlife, and the environment,” said Senator Caballero (D-Merced), author of SB 72. “It is critical that we manage this limited water supply and plan for the future.”

“Instead of managing for drought and scarcity of supply, the state will work towards the water supply target of 9 million to ensure we have enough water for our communities, industry, agriculture, the environment and every Californian,” said Fern Steiner, chair of the California Water Commission.

California is facing more frequent and severe droughts, rising temperatures, and increasingly intense storm events driven by atmospheric rivers. According to DWR, climate change is sharply reducing Sierra Nevada snowpack, which historically provides about 30 percent of California's water supply. Projections indicate a 40 to 65 percent reduction in snowpack by the end of the century, increasing reliance on groundwater and surface storage.

The recent prolonged absence of precipitation indicates that the state could be entering another drought period. DWR's March 1st runoff forecast shows that snowmelt is well underway due to unseasonably warm temperatures.

“We anticipate, right now, in 2026, that when we go up into the Sierra Nevada and we do our snow survey on April 1, we will have almost no snowpack,” Karla Nemeth, Director of the California Department of Water Resources, said. “We are trending towards the second-lowest snowpack in modern California history. That's where we are.”

Speakers at the press conference noted the continued risks associated with inaction. Recent economic studies estimate that without improved water management,

*See **SB 72**, page 8*

## **NEWS BRIEFS** *continued*

peratures, increasing the risk of heat-related illness. The heat may also stress crops that are blooming or setting fruit, potentially reducing yields and increasing irrigation demand at a time when water supplies are already under pressure. In addition, unusually warm temperatures accelerate snowpack loss, which can reduce water availability later in the year and contribute to longer and more intense wildfire seasons. To read the full report, please visit the [UC Merced website](#).

### **DWR Responds to DCP Questions**

During last month's Delta Stewardship Council meeting, the Department of Water Resources stated that the proposed Delta Conveyance Project is consistent with the Delta Plan, asserting it advances the Delta Reform Act's coequal goals by improving statewide water supply reliability while protecting the Delta ecosystem. DWR said the project reflects years of environmental review, regulatory coordination, and planned mitigation, and is intended to modernize State Water Project infrastructure to address climate-driven risks.

DWR's presentation slides are available [here](#).

## **UPCOMING MEETINGS**

### **Delta Stewardship Council**

March 26, 2026

California Natural Resources Agency Building

715 P Street, Room 221

Sacramento, CA 95814

[Agenda and Zoom Link](#)

*continued on next page*

## MEETINGS *continued*

### Central Valley Flood Protection Board

March 27, 2026

California Natural Resources Agency Building

715 P Street, Room 2-201 (2nd Floor)

Sacramento, CA 95814

[Agenda and Zoom Link](#)

### DWR – Drought Resilience Interagency & Partners (DRIP) Workshop

April 1, 2026, Virtual Workshop

[Agenda and Zoom Link](#)

### State Water Board

April 7, 2026

CALEPA Building

Coastal Hearing Room

1001 I Street, Second Floor

Sacramento, CA 95814

[Agenda to be posted](#)

### DWR – Annual Water Supply and Demand Assessment Virtual Webinar

[Agenda and Zoom Link](#)

### Central Valley Regional Water Board

April 17, 2026

City of Clovis Council Chambers, 1033 Fifth Street

Clovis, CA 93612

[Agenda to be posted](#)

### DWR – Proposition 4 Workshop

April 30, 2026

Virtual Workshop

[Agenda and registration link to be posted](#)

## SB 72, *continued from page 7*

California could face up to \$14.5 billion per year in economic losses and tens of thousands of job losses annually, with significant impacts in the Central Valley. Speakers also underscored the role of infrastructure, labor, and workforce development in strengthening California's water future.

SB 72 does not set a fixed cost for achieving the water supply targets. Instead, it requires the development of a comprehensive plan to guide future investments, including potential water bonds, infrastructure upgrades, and technological innovations. The updated California Water Plan will help prioritize projects, maximize benefits, and ensure public funds deliver measurable outcomes.

Implementation of SB 72 will unfold over the next several years, with public meetings, advisory committee work, and regional engagement shaping the next update of the California Water Plan. State officials emphasized that collaboration and sustained investment will be essential to building a resilient, reliable water system for all Californians.

"This is an action-based roadmap for the future," Caballero said. "It depends on state, local, and public engagement."

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## Valley Ag Water Coalition

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



## Reservoir Committee/Authority Board Meeting

March 20, 2026

9:00 AM – Noon

[Virtual Link](#)

Call in: 1-916-538-7066

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

Code: 405 816 418#

Authority Board Chair:	Fritz Durst (Reclamation District 108)
Authority Board Vice Chair:	Jeff Sutton (Glenn-Colusa Irrigation District)
Reservoir Committee Chair:	Mike Urkov (Westside Water District)
Reservoir Committee Vice Chair:	Robert Cheng (Coachella Valley Water District)
Treasurer:	Jamie Traynham (Davis Water District)

### AGENDA

**ROLL CALL & CALL TO ORDER:**

- Introduction
- Pledge of Allegiance
- Approval of meeting agenda, March 20, 2026
- Announcement of Closed Session
- Period for Public Comment

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

**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 February 20, 2026, Reservoir Committee and Authority Board Meeting Minutes.
- 1.2 Reservoir Committee and Authority Board consider acceptance of the Sites Project Authority Treasurer’s Report.
- 1.3 Reservoir Committee and Authority Board consider approval of the Sites Project Authority Payment of Claims.

- 1.4 Reservoir Committee and Authority Board consider approval of a task order amendment with ICF & HDR to perform 2026 environmental survey work to support upcoming Phase 3 construction in 2027 in the amount of:
  - ICF: +\$1,601,000 making the revised total FY2026 contract authority not-to-exceed of \$3,066,000.
  - HDR: +\$161,100 making the revised total FY2026 contract authority not-to-exceed of \$1,477,570.

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

- 2.1 Reservoir Committee and Authority Board consider authorizing the Executive Director to enter into an agreement with Reclamation related to accepting and conveying Incremental Level 4 refuge water as part of the Sites Project’s Proposition 1 ecosystem benefits, conditioned upon no substantial changes from the terms described in this staff report.
- 2.2 Reservoir Committee and Authority Board consider approval of Memorandum of Understandings with Richvale Irrigation District and Western Canal Water District for conveyance of Prop 1 Sites Water to Upper Butte Basin Area.
- 2.3 Reservoir Committee and Authority Board consider approval Contingency Land Acquisition Program.
- 2.4 Reservoir Committee and Authority Board consider authorizing Staff to proceed with the governance proposal of further revisions to the contract documents and legislative activities related to Government Code Section 6508.
- 2.5 Reservoir Committee and Authority Board consider and possibly take action on the Brown Act cease and desist letter received on March 9, 2026.

**3. Discussion and Information Items:** Approximate start time 10:00 am  
*No action from the Reservoir Committee or Authority Board.*

- 3.1 Receive a status update #3 on the development of the Program Baseline Report – Water Supply Benefits.
- 3.2 Receive a report on Participant comments on the December 2025 draft Benefits & Obligation Contract, Bylaws and amended and restated Joint Powers Agreement.
- 3.3 Receive an update on Lower Colusa Basin Drain System conditions precedent to Investor Commitment.

3.4 Receive a status update on the Facilities Use Agreements with Glenn Colusa Irrigation District and Tehama-Colusa Canal Authority and the Operations Agreement with Reclamation District 108.

3.5 Review final draft of the January 2026 Plan of Finance Update, which incorporates comments from Authority Board and Reservoir Committee members.

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

4.1 **Chairpersons' Reports:**

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

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

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

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

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

4.4 **Executive Director's Reports:**

- Monthly status report:
  - Form 700 due April 1.
  - Status Update on PLA
- Action Items from last month's meeting.

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

5.1 Negotiations concerning water right permit terms and conditions (Govt. Code §54956.9(c) and §54956.9(d)(1)).

6. **Report from Closed Session** Approximate start time 11:15 pm

7. **Recap:** Approximate start time 11:20 pm

7.1 Suggested Future Agenda Items.

7.2 Next Board Meeting, **Friday, April 17, 2026** (9:00 am to noon).

Meetings are held virtually and in the Maxwell Project Office.

**ADJOURN**

ADA COMPLIANCE: Upon request, agendas will be made available in alternative formats to accommodate people 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 contact the Board Clerk as soon as possible, preferably no later than 24 hours before the start of the meeting, to request accommodation or an alternative format.

This meeting will be recorded.

**Alternate Meeting Locations:**

City of American Canyon, 4381 Broadway Street, Suite 201 (Oat Hill Conference Room, American Canyon, CA 94503

Coachella Valley Water District, 75515 Hovley Lane East, Palm Desert, CA 92211

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

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

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

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



**For Immediate Release:**

March 21, 2026

Contact: Quin La Capra

(858) 926-7006

### **Sites Project Authority Statement on Proposed Order for Sites Reservoir Water Right**

Maxwell, CA – Today, the Sites Project Authority released the following statement after the State Water Resources Control Board (State Board) Administrative Hearings Office’s (AHO) transmittal of a draft Decision Conditionally Approving the Water Right Application for the Sites Reservoir Project and associated Draft Water Right Permit:

“We are carefully reviewing these extensive documents and will take the time necessary to fully understand their potential implications on the Project’s operations and the benefits that it can provide to the people of California. Elements of the draft decision and permit are different from the end of the hearing process last year, and we will need to evaluate and reconcile these differences.

In the coming weeks, interested parties will have the opportunity to submit public comment to the State Board on the terms and conditions of the draft decision and permit. The Authority intends to actively participate in this process.

We remain committed to delivering the benefits that the people of California overwhelmingly supported with the passage of Proposition 1 in 2014. Today, the water challenges facing our state remain daunting. We will continue working with our state and federal partners, as well as our statewide participants, to ensure Sites Reservoir can help meet the goals of the California Water Plan.”

*Sites Reservoir is a 1.5 million acre-foot, off-stream reservoir proposed north of the Sacramento-San Joaquin Delta that would improve California’s water reliability and resiliency in drier years for farms, families, fish, and fowl. The Project is backed by a broad coalition of cities, counties, water agencies, and irrigation districts across California, as well as the State of California through the Water Storage Investment Program and the federal government under the 2016 Water Infrastructure and Investment for the Nation Act. Additional information can be found at [www.sitesproject.org](http://www.sitesproject.org) or on Facebook, Instagram, and X at @SitesProject.*