

DIRECTORS

RICH McGOWAN, President
STEVE KOEHNEN, Vice President
RAYME ANTONOWICH, Secretary
ANDREW MENDONCA, Treasurer
BILL CHANCE
CRAIG KNIGHT
BRIAN MORI
JAMES PAIVA
TODD TURLEY



OFFICERS

TOVEY GIEZENTANNER
General Manager

ATTORNEY

JOE HUGHES
Klein DeNatale Goldner

**REGULAR MEETING OF THE BOARD OF DIRECTORS
OF THE TUSCAN WATER DISTRICT**

AGENDA

**Wednesday, January 21, 2026 @ 9:00 a.m.
Butte County Association of Governments (BCAG) Board Room
326 Huss Drive, Chico, California 95928**

TUSCAN WATER DISTRICT (TWD) REGULAR BOARD MEETING

1. Call to Order & Pledge of Allegiance
2. Public Comment. Members of the public may address the Board on any matter not already listed below. The Board cannot act at this meeting on requests made under this section of the agenda.

REGULAR AGENDA

3. Board Meeting Minutes for December 17, 2025
Recommendation: Review and Take Appropriate Action
4. Finances & Payment of the Bills
Recommendation: Review and Take Appropriate Action

COMMUNICATIONS AND REPORTS

5. General Manager Report & Updates (Information Only)
 - a. Ad Hoc Committees Update – Recharge, Surface Water
 - b. Vina GSA SGM Grant Updates
 - c. League of Women Voters Forum, January 10, 2026
6. Board Member Announcements, Reports and/or Requests for Future Agenda Topics

CLOSED SESSION

PUBLIC EMPLOYMENT (Govt. Code Section 54957.)
Title: General Manager
Title: General Counsel

ADJOURNMENT

NOTES

In compliance with the American with Disabilities Act, if you need disability-related modifications or accommodations, including auxiliary aids or services, to participate in this meeting, please email info@tuscanwaterdistrict.org by Noon the day prior to this meeting.

Written material distributed during a public meeting will be available for public inspection at the meeting, if prepared by the district or a member of its legislative body, or after the meeting if prepared by some other person. Any materials related to an item on this Agenda are available for public inspection online at <https://www.tuscanwaterdistrict.org/>.

ITEM 3 - MEETING MINUTES

TUSCAN WATER DISTRICT

Regular Board Meeting Minutes

Date: Wednesday, December 17, 2025

Time: 9:00 a.m.

Location: Butte County Association of Governments (BCAG) Board Room

1. CALL TO ORDER & ROLL CALL

President Rich McGowan called the meeting to order at approximately 9:02 a.m. The Pledge of Allegiance was recited.

- **Directors Present:** Rich McGowan, Craig Knight, Bill Chance, Jim Paiva, Rayme Antonowich, Andrew Mendonca, and Todd Turley.
- **Directors Absent:** Steve Koehnen.
- **Staff Present:** Tovey Giezentanner (General Manager), Joe Hughes (Legal Counsel), and Alex Dominguez (Legal Counsel).
- **Public Present:** Kamie Loeser (Butte County Director of Water and Resource Conservation), Chad Parker (Raymond James), Joanne Kidd, Susan Schraeder.

2. PUBLIC COMMENT

No comments were received.

3. APPROVAL OF MINUTES

The Board reviewed the minutes from the November 19, 2025, regular meeting.

- **Motion:** Rayme Antonowich moved to approve the minutes as presented.
- **Second:** Jim Paiva.
- **Vote:** Unanimously approved.

4. FINANCIAL MATTERS

The Board reviewed one monthly invoice from Giezentanner & Associates for \$7,500.

- **Motion:** Andrew Mendonca.
- **Second:** Rayme Antonowich.
- **Vote:** Unanimously approved.

ITEM 3 - MEETING MINUTES

5. 2026 ELECTION UPDATE

Alex Dominguez provided a briefing on the November 3, 2026, general election process.

- **Schedule:** The process will officially begin in July 2026 with notices provided to the County Board of Supervisors. See the attached Simplified Election Calendar for more detail.
- **Seats:** Five seats (Positions 1, 3, 5, 7, and 9) will be up for election to establish staggered.
- **Format:** TWD will follow the Uniform District Election Law, meaning there is no primary; all candidates appear on the November ballot.
- **Uncontested Races:** If races are uncontested, the Board can request the Board of Supervisors to appoint incumbents to save election costs.

6. INVESTMENT ACCOUNT PRESENTATION

Chad Parker of Raymond James presented options for managing the District's upcoming landowner assessment revenue. Key points included:

- **Yield & Liquidity:** A daily liquid money market account currently offering a **3.5% rate**, functioning with the ease of a standard checking account to allow the District to remain "nimble."
- **Protection:** The account is **FDIC insured**, providing the security required for public funds.
- **Policy Guidelines:** Proposed management under California Local Agency Investment Guidelines, emphasizing high-quality, fixed-income assets with less than five-year durations and professional service fees starting at 50 basis points.

The Board discussed the balance between immediate liquidity and long-term yield. Legal Counsel Joe Hughes confirmed his firm would provide a draft investment policy for Board review.

- **Motion:** Brian Mori moved to direct Joe Hughes to draft an investment policy; seconded by Todd Turley.
- **Vote:** Unanimously approved.

7. PROJECT UPDATES: AD HOC COMMITTEES

General Manager Giezentanner provided updates on the two active ad hoc committees:

- a. **Recharge Ad Hoc Committee** The committee met and reviewed a draft scope of work for the Rock Creek and Keefer Slough corridor. The goal is to have "shovel-ready" projects by mid-2026 to compete for Proposition 4 grants. Discussions included the use of vadose zone wells to maximize volume during peak flood flows.

ITEM 3 - MEETING MINUTES

- b. **Surface Water Ad Hoc Committee** The committee is reviewing feasibility for connecting the Western Canal system with South TWD and delivering water from Paradise Irrigation District via Butte Creek. Next steps involve formal meetings with the Western Canal and Paradise Irrigation District boards to reduce cost-per-acre-foot and accelerate environmental permitting.

8. BUDGET AND OPERATIONAL TRANSITION

The General Manager presented a strategic justification for transitioning TWD from a formation phase to a fully operational phase by March 1, 2026.

- **Year 2: FY 26-27 Revenue:** Anticipated at \$686,000, aligning with the Prop 218 Year 2 cap of \$7.14 per acre.
- **Staffing:** Proposed hiring of a permanent General Manager and Office Manager by March 2026.
- **Action:** The Board agreed to form a Budget Ad Hoc Committee to review compensation data and salary comparisons for final approval in January. Directors Turley, Chance, McGowan, and Mendonca volunteered for the committee.

9. GENERAL MANAGER'S REPORT

- **Vina GSA:** Jim Graydon was appointed by the Board of Supervisors as the Domestic Well User Stakeholder Representative.
- **GSP Evaluation:** Discussion of DWR's approval of the Vina GSP and the required corrective actions for the 2027 update.
- **County Coordination:** The Board of Supervisors unanimously voted to keep Butte County staff involved in the GSP Plan Evaluation process.

10. CLOSED SESSION

The Board entered into closed session at approximately 10:45 a.m. to discuss legal counsel transition.

The Board recessed to closed session at 11:00 a.m. to discuss:

- **Public Employee Appointment/Transition (Gov. Code § 54957):** General Counsel.

11. REPORT OUT OF CLOSED SESSION

The Board reconvened in open session at 11:28 a.m. President McGowan announced that there was no reportable action taken in closed session.

ADJOURNMENT

The meeting was adjourned at approximately 11:30 a.m.

ITEM 4 - Finances

TWD Finances

FY 2025-26	2025-26 APPROVED BUDGET <i>(attached)</i>	JUL 2025 Approved	AUG 2025 Approved	SEPT 2025 Approved	OCT 2025 Approved	NOV 2025 Approved	DEC 2025 For Approval	JAN 2026	FEB 2026	MAR 2026	APR 2026	MAY 2026	JUN 2026	Billed to Date	Approved Budget Remaining
TWD BUDGET CATEGORY															
Personnel	\$ 266,400	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500							\$ 37,500	\$ 228,900
Office	\$ 81,000	\$ 7,304	\$ 1,005	\$ 165	\$ 1,320	\$ -	\$ -							\$ 9,794	\$ 71,206
External Support	\$ 97,000	\$ 2,175	\$ 635	\$ 1,580	\$ 953	\$ -	\$ 3,041							\$ 8,383	\$ 88,617
Litigation	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							\$ -	\$ 75,000
Technical Support	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							\$ -	\$ 50,000
Lobbying & Funding	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -							\$ -	\$ -
Reserves	\$ 50,000	\$ 17,399	\$ -	\$ -	\$ -	\$ -	\$ -							\$ 17,399	\$ 32,601
TOTALS	\$ 619,400	\$ 34,378	\$ 9,140	\$ 9,245	\$ 9,773	\$ 7,500	\$ 10,541	\$ -	\$ 73,076	\$ 546,324					

Itemized Bills

Category	Description	Amount
Personnel	Giezentanner & Associates - General Manager	\$ 7,500
Office		\$ -
External Support	Klein DeNatale Goldner - General Counsel	\$ 3,041
	Total	\$ 10,541

ITEM 4 - Finances

Klein · DeNatale · Goldner
ATTORNEYS AT LAW

10000 STOCKDALE HWY, SUITE 200
BAKERSFIELD, CA 93311

(661) 395-1000
FAX (661) 326-0418
E-MAIL accounting@kleinlaw.com

December 31, 2025

TUSCAN WATER DISTRICT
*****E-MAIL INVOICES*****

Invoice No. 1258082
Client No. 24618
Matter No. 001
Billing Attorney: JDH

INVOICE SUMMARY

For Professional Services Rendered for the Period Ending: December 18, 2025.

**RE: TUSCAN WATER DISTRICT
GENERAL BUSINESS**

Professional Services	\$ 3,040.50
Costs Advanced	<u> \$.00</u>
TOTAL THIS INVOICE	\$ 3,040.50

ITEM 4 - Finances

KLEIN DENATALE GOLDNER

Invoice No. 1258082

December 31, 2025

PROFESSIONAL SERVICES

Date	Init	Description	Hours	Amount
11/19/25	JDH	ATTENDED NOVEMBER REGULAR BOARD MEETING.	1.50	592.50
11/25/25	AND	REVIEWED MISSION STATEMENT; REVIEWED FORMATION DOCUMENTS; REVIEWED WATER CODE.	.50	150.00
11/30/25	AND	REVIEWED AND REVISED MISSION STATEMENT; RESEARCHED WATER CODE REGARDING SAME; E-MAILED T. GEIZENTANNER REGARDING SAME.	.50	150.00
12/05/25	AND	EXCHANGED E-MAILS WITH T. GIEZENTANNER REGARDING DISTRICT ACTION ITEMS.	.20	60.00
12/08/25	AND	E-MAILED M. CHILD REGARDING STATUS OF RD 1602.	.20	60.00
12/09/25	JDH	TELEPHONE CONFERENCE WITH T. GIEZENTANNER.	.40	158.00
12/11/25	AND	REVIEWED AND RESPONDED TO E-MAIL FROM T. GIEZENTANNER REGARDING BOARD MEETING PREPARATION AND 2026 ELECTIONS; RESEARCHED BOARD TERMS; BEGAN PREPARING NECESSARY ELECTION DOCUMENTS.	.40	120.00
12/12/25	AND	REVIEWED ELECTION INFORMATION; PREPARED ELECTION PACKETS; E-MAILED T. GIEZENTANNER REGARDING SAME.	.40	120.00
12/16/25	AND	REVIEWED LAFCO DOCUMENTS AND BOARD OF SUPERVISOR DOCUMENTS REGARDING ELECTION PROCESS; RESEARCHED SAME; PREPARED CALENDAR OF EVENTS; E-MAILED T. GIEZENTANNER REGARDING SAME.	2.00	600.00
12/17/25	AND	PREPARED FOR AND ATTENDED BOARD MEETING.	.80	240.00
12/17/25	JDH	ATTENDED DECEMBER REGULAR BOARD MEETING.	2.00	790.00

TOTAL PROFESSIONAL SERVICES

\$ 3,040.50

SUMMARY OF PROFESSIONAL SERVICES

Name	Init	Rate	Hours	Total
DOMINGUEZ, ALEX	AND	300.00	5.00	1,500.00
HUGHES, JOSEPH	JDH	395.00	3.90	1,540.50
Total			8.90	\$ 3,040.50

TOTAL THIS INVOICE

\$ 3,040.50

ITEM 4 - Finances
Klein · DeNatale · Goldner
ATTORNEYS AT LAW

10000 STOCKDALE HWY, SUITE 200
BAKERSFIELD, CA 93311

(661) 395-1000
FAX (661) 326-0418
E-MAIL accounting@kleinlaw.com

December 31, 2025

TUSCAN WATER DISTRICT
*****E-MAIL INVOICES*****

Invoice No. 1258082
Client No. 24618
Matter No. 001
Billing Attorney: JDH

REMITTANCE

RE: TUSCAN WATER DISTRICT
GENERAL BUSINESS

BALANCE DUE THIS INVOICE

\$ 3,040.50

All checks should be made payable to:
(Please return this advice with payment.)

Klein DeNatale Goldner
10000 Stockdale Hwy, Suite 200
Bakersfield, CA 93311

For payment by ACH in USD:
(Please reference:
Client-Matter No. 24618-001,
Invoice No. 1258082)

J.P. Morgan Chase
Account No. 825707620
ABA No. 322271627

To pay by credit card, click here --->: [Pay Now](#) or call Accounting at (661) 395-1000.

DUE UPON RECEIPT

FEDERAL I.D. No. 95-2298220

Thank you! Your business is greatly appreciated.

ITEM 4 - Finances

INVOICE

Giezentanner & Associates
30 Independence Circle, Suite 300
Chico, California 95973
United States

BILL TO
Tuscan Water District
30 Independence Circle
Chico, California 95973
United States

Invoice Number: 20201294

Invoice Date: December 1, 2025

Payment Due: December 31, 2025

Amount Due (USD): \$7,500.00

Items	Amount
Service Tuscan Water District Services Performed December 1, 2025 – December 31, 2025	\$7,500.00
See attached Statement of Services Provided	

Total: \$7,500.00

Amount Due (USD): \$7,500.00

ITEM 4 - Finances

December 2025 - Statement of Services Provided

Board Meeting & Governance

- Prepared and distributed the comprehensive board packet for the **December 17, 2025**, regular meeting.
- Staffed the December board meeting; coordinated logistics with guest presenters and legal counsel.
- Drafted formal meeting minutes from the December 17 session.
- Coordinated the **2026 Election Process** briefing with Attorney Alex Dominguez, focusing on the Uniform District Election Law (UDEL) format, the July 2026 notification and simplified schedule, and the five staggered seats (Divisions 1, 3, 5, 7, and 9) up for election.

Investment & Financial Management

- Facilitated a presentation by Chad Parker (Raymond James) regarding investment options for **landowner assessment revenue**, including FDIC-insured liquid money market accounts.
- Coordinated Board direction for Legal Counsel to draft a formal investment policy under California Local Agency Investment Guidelines.
Presented strategic justification for the District's transition to a **fully operational phase** by March 1, 2026, including FY 26-27 revenue projections aligned with the Prop 218 Year 2 cap (\$7.14/acre).

Ad Hoc Committee Support

- **Recharge Committee:** Provided updates on the Rock Creek and Keefer Slough corridor; facilitated review of the scope of work for "shovel-ready" projects (including vadose zone wells) to compete for **Proposition 4 grants** in mid to late-2026.
- **Surface Water Committee:** Provided comments for feasibility reviews for connecting the Western Canal system with South TWD and delivering water from Paradise Irrigation District via Butte Creek.
Budget Committee: Supported the formation of a new Budget Ad Hoc Committee (Directors Turley, Chance, McGowan, and Mendonca) to review compensation data and salary comparisons for permanent staffing.

GSA & Interagency Coordination

- Monitored Vina GSA developments, including the Board of Supervisors' appointment of Jim Graydon as the Domestic Well User Stakeholder Representative.
- Coordinated with the Butte County Board of Supervisors regarding the **Vina GSP Plan Evaluation** and the unanimous vote to maintain County staff involvement in the process.

ITEM 4 - Finances

Counsel Transition & Administration

- Managed the initial transition planning for General Counsel following the announcement of Attorney Hughes' departure.
- Responded to title company inquiries regarding parcel status and closing requirements.
- Developed specifications for a parcel lookup web tool to streamline administrative responses to public and real estate inquiries.



TUSCAN WATER DISTRICT

Progress, Guardrails, and the Path to Sustainability

January 10, 2026

Tovey Giezentanner, General Manager

Agenda

01

Progress

02

Guardrails

03

Mission

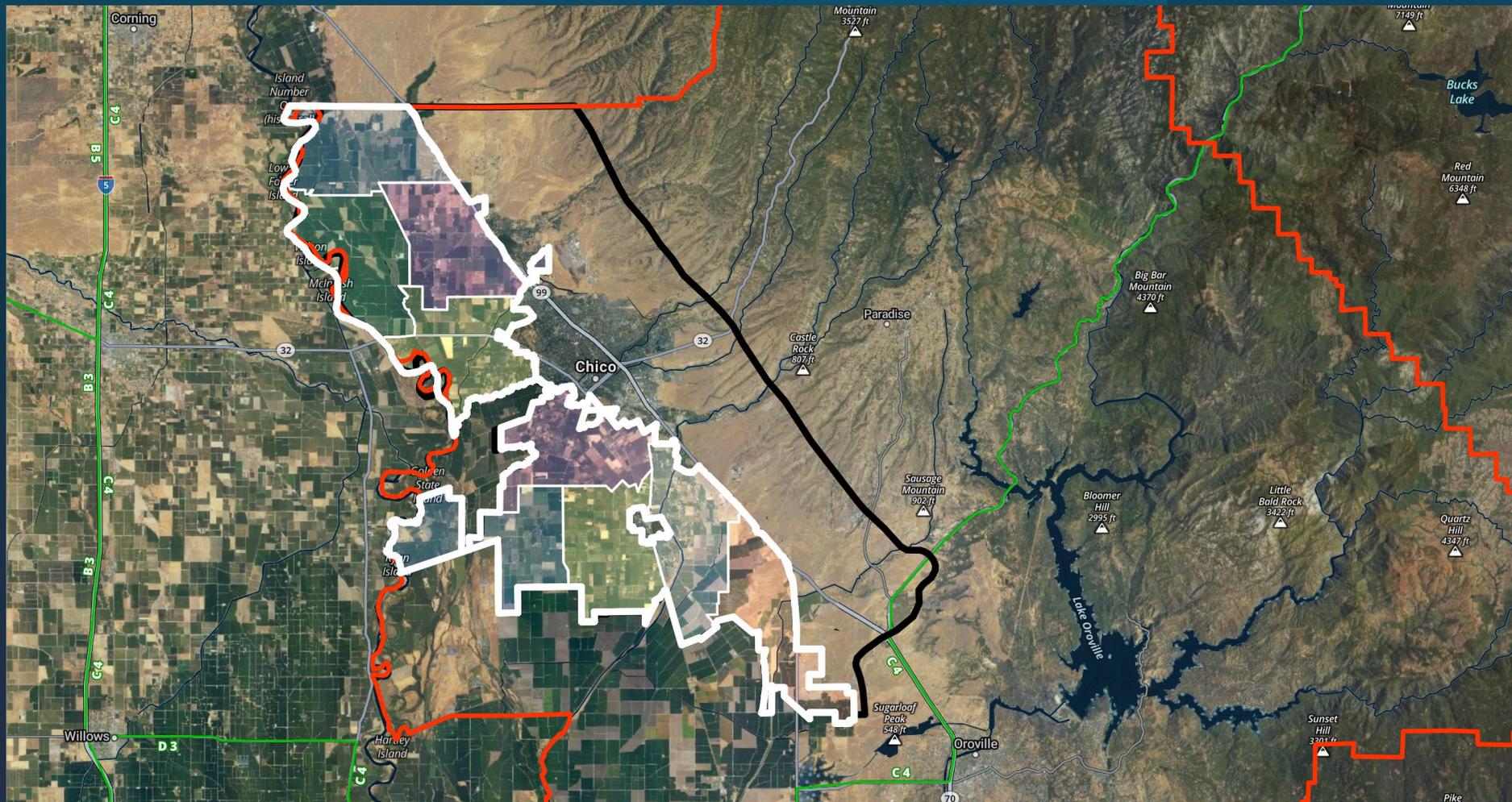
04

Context: How we see the world

05

Achieving Sustainability

ITEM 5 - League of Women Voters Presentation



ITEM 5 - League of Women Voters Presentation

01 Progress: *How we got here*

The Mandate

Landowners voted to form the district to help exercise local control of groundwater sustainability in the Vina Subbasin.

Key Milestones

- **Formation Vote:** Confirmed by landowners in December 2023
- **Prop 218 Vote:** Successful passage of the special benefit assessment to fund operations in January 2025
- **Operational Stand-Up:**
 - Secured interim funding to bridge the gap before assessments roll in
 - Staff in place and office space is being established.
- **Takeaway:** We are now a fully functional public agency, and we are operationalizing to do the work voters asked for.

02 Guardrails: *Ensuring Alignment & Accountability*

The Framework

TWD was formed with specific “conditions of approval” from LAFCO that act as permanent checks and balances.

Governance Protections:

- **9-Member Board:** A large board ensures broad representation across the district.
- **Electoral Divisions:** We are moving toward divisions to ensure geographic diversity and help protect the voice of all landowners

Operational “Leash”:

- **MOU Requirement (Condition 13):** We must maintain a formal Memorandum of Understanding with the Groundwater Sustainability Agencies (GSAs). We work *for* the basin’s sustainability goals, not against them.
- **Consistency Determination (Condition 18):** TWD cannot build a project without the GSA first certifying that it is consistent with the Groundwater Sustainability Plan (GSP).

02 Guardrails: *What We Cannot Do*

Strict Prohibitions (LAFCO Condition 17)

- **No Export:** We are strictly prohibited from exporting groundwater outside the Vina or Butte Subbasins.
- **No Municipal Services:** We cannot become a water purveyor for domestic / municipal use (no housing developments).
- **No Sewer / Stormwater:** We are not a utility district for urban services.

Takeaway

- TWD's powers are "inactive or latent" for activities other than agricultural groundwater sustainability.

03 Mission: *Our North Star*

The Core Mandate

- **Protect & Enhance:** Beneficial use of groundwater for all landowners.
- **Represent & Advocate:** Giving landowners a seat at the table with the County and State.
- **Fund & Implement:** The mechanism to actually build projects (surface water, recharge).
- **Defend:** Protecting local groundwater rights through science-based solutions.

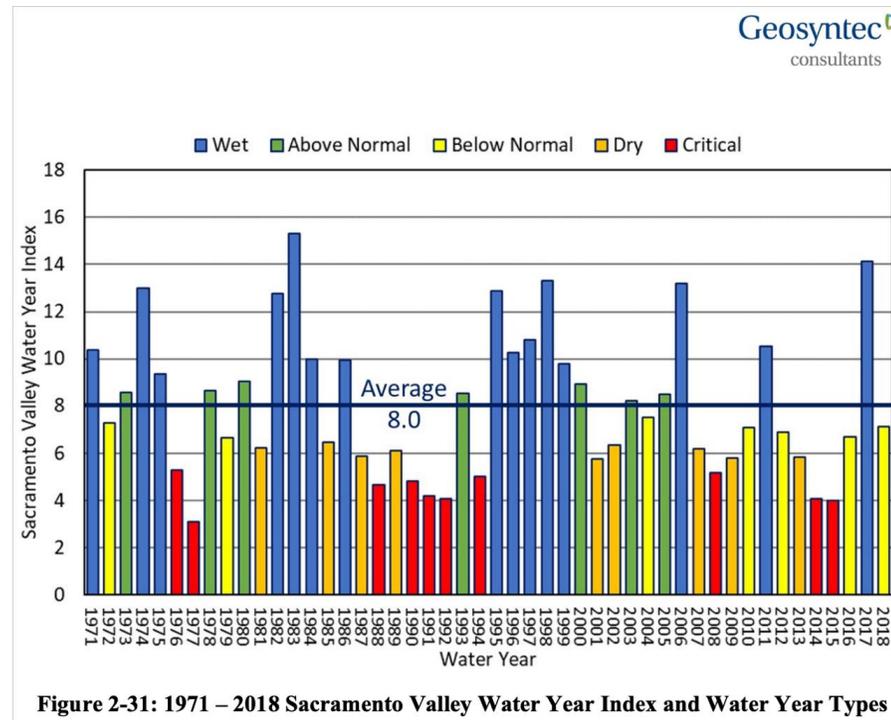
04 Context:

How We See the World

The Natural Cycle

Recognize that California oscillates between drought and wet years.

Don't panic in dry years; Prepare in wet years.



04 Context:

How We See the World

The Regional Reality

According to a 2022 UCLA study published in *Nature Climate Change*, the **American West recently experienced its driest 22-year period in at least 1,200 years.**

Local Resilience (Vina Subbasin)

Despite this historic regional drought, the Vina Subbasin has shown remarkable resilience:

- **Groundwater Levels:** Spring 2025 levels are generally healthy, averaging 18' above Measurable Objectives, and 68' on average above Minimum Thresholds.
- **Storage Trends:** Even through dry years, the basin has seen an average storage *increase* of **~8,000 AF/year** over the last decade.
- **Subsidence:** No indications of inelastic subsidence.
- **Trajectory:** We are on track to meet our 2027 interim milestones, providing that local management is working.

05 Achieving Sustainability: *Where We Are Headed*

ITEM 5 - League of Women Voters Presentation

The Three-Pronged Strategy

We are pursuing a portfolio of solutions to ensure we never have to rely solely on pumping restrictions.

Surface Water Importation

- Import surface water to specific agricultural zones that currently rely on groundwater.
- By switching these farms to surface water, we reduce groundwater demand in those areas.

Groundwater Recharge

- Capture excess storm runoff during high-flow events.
- Direct recharge into strategic locations for flood control, aquifer replenishment, and habitat benefits.

Demand Reduction

- Reduce groundwater use without affecting yields or economic viability.
- One concept focuses on extending the fallow period for at least 1-2 years between orchard removal and replanting.
- The other concept explores precision irrigation and schedule management strategies to reduce non-beneficial consumptive use.

Closing

ITEM 5 - League of Women Voters Presentation

Summary

TWD is the “doing” arm of groundwater management in the Vina Subbasin:

- Funded by landowners
- Restricted by strict guardrails
- Focused on projects that keep agriculture viable in Butte County

Contact

Tovey Giezentanner, General Manager

Phone: 530-487-0139

Email: tovey@giezentanner.com

Questions & Answers

Additional Slides for Context, if needed

ITEM 5 - League of Women Voters Presentation

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Conditional Formatting													
# of Days in Month	31	30	31	31	28	31	30	31	30	31	31	30	Gain or
Conv: 1 cfs to AF	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	1.9835	Loss
Angel Slough	0	0	0	0	0	0	0	0	0	0	0	0	0
Big Chico Creek	(1)	(2)	(5)	(5)	(5)	(5)	(2)	(1)	0	(1)	(1)	(1)	(29)
Butte Creek	(8)	(11)	(18)	(18)	(19)	(22)	(20)	(16)	(12)	(9)	(7)	(6)	(166)
Dry Creek	(1)	(1)	(3)	(2)	(2)	(2)	(1)	0	0	0	0	0	(12)
Little Chico	(1)	(1)	(3)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(18)
Little Dry	(4)	(5)	(8)	(8)	(8)	(7)	(6)	(5)	(4)	(4)	(3)	(3)	(65)
Mud Creek	2	2	2	4	4	6	6	5	4	3	2	2	42
Pine Creek	5	5	6	13	14	19	18	16	11	8	6	5	126
Rock Creek	0	0	0	2	2	4	4	3	2	1	1	0	19
Sacramento River	138	140	129	169	143	189	179	173	145	135	136	127	1,803
Singer Creek	0	0	0	0	0	0	0	0	0	0	0	0	0
NET BALANCE (CFS)	130	127	100	153	127	180	176	174	145	132	133	123	1,700
Angel Slough	0	0	0	0	0	0	0	0	0	0	0	0	0
Big Chico Creek	(61)	(119)	(307)	(307)	(278)	(307)	(119)	(61)	0	(61)	(61)	(60)	(1,743)
Butte Creek	(492)	(655)	(1,107)	(1,107)	(1,055)	(1,353)	(1,190)	(984)	(714)	(553)	(430)	(357)	(9,997)
Dry Creek	(61)	(60)	(184)	(123)	(111)	(123)	(60)	0	0	0	0	0	(722)
Little Chico	(61)	(60)	(184)	(123)	(111)	(123)	(119)	(61)	(60)	(61)	(61)	(60)	(1,085)
Little Dry	(246)	(298)	(492)	(492)	(444)	(430)	(357)	(307)	(238)	(246)	(184)	(179)	(3,913)
Mud Creek	123	119	123	246	222	369	357	307	238	184	123	119	2,531
Pine Creek	307	298	369	799	778	1,168	1,071	984	655	492	369	298	7,587
Rock Creek	0	0	0	123	111	246	238	184	119	61	61	0	1,144
Sacramento River	8,485	8,331	7,932	10,392	7,942	11,621	10,651	10,638	8,628	8,301	8,362	7,557	108,841
Singer Creek	0	0	0	0	0	0	0	0	0	0	0	0	0
NET BALANCE (AF)	7,994	7,557	6,149	9,408	7,053	11,068	10,473	10,699	8,628	8,116	8,178	7,319	102,642

ITEM 5 - League of Women Voters Presentation

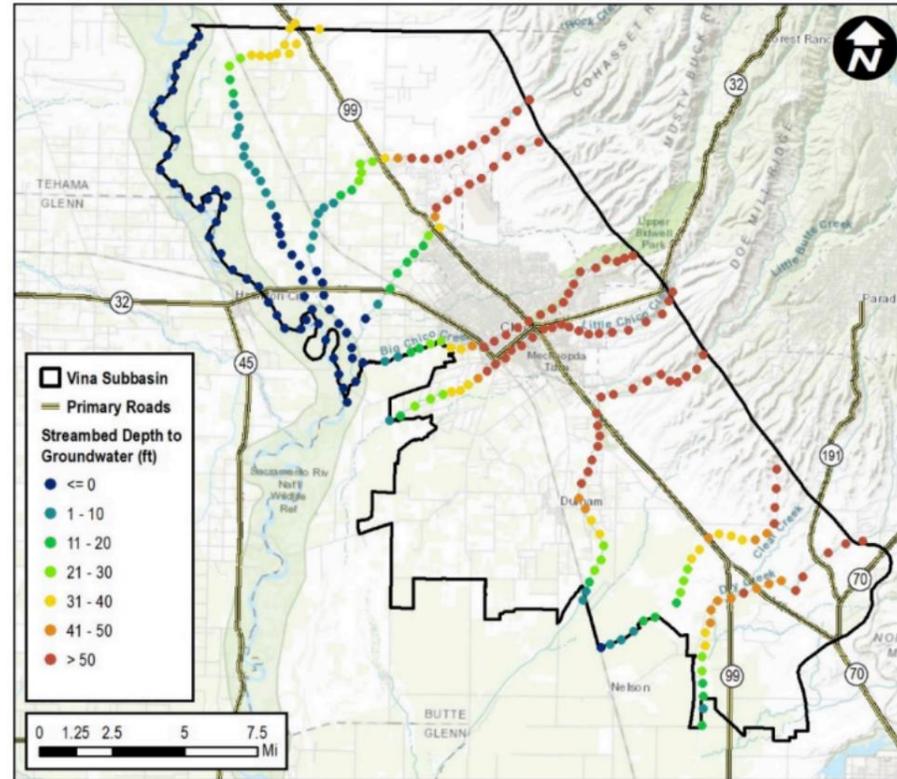
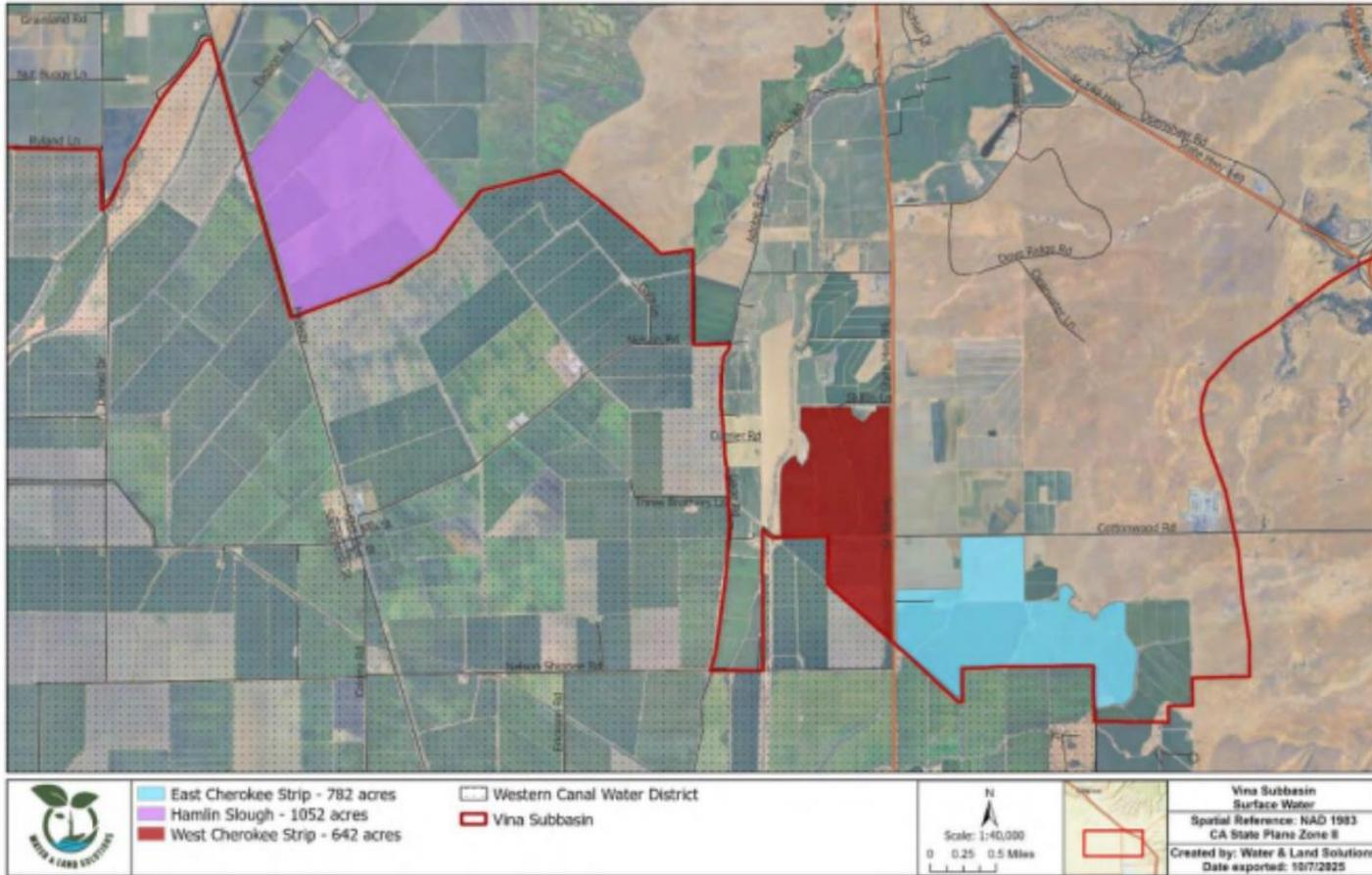


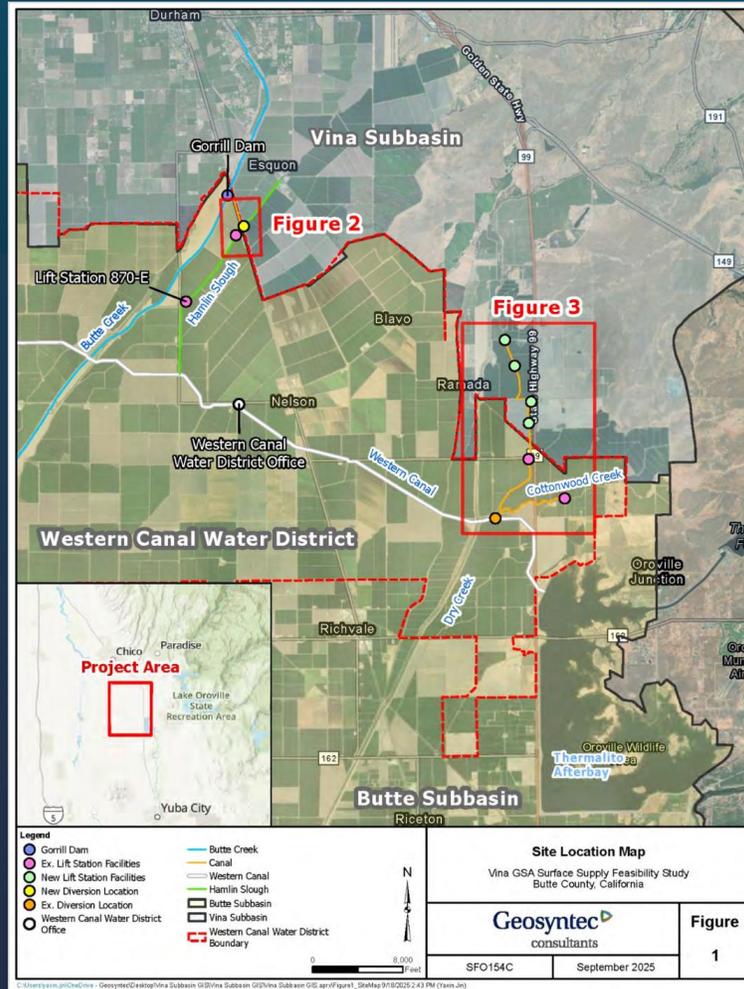
Figure 2-27: Vina Subbasin Average Streambed Spring Depth to Groundwater, 2014 to 2018

ITEM 5 - League of Women Voters Presentation

Figure 1. Map of proposed properties in Vina Subbasin to receive WCWD water



ITEM 5 - League of Women Voters Presentation



ITEM 5 - League of Women Voters Presentation



ITEM 5 - League of Women Voters Presentation



Photograph 1. The tTEM setup.



Photograph 3. Photograph of CPT rig.



Photograph 2. Example of small drill rig that would be used at site.

Pilot Test Type	Description	Potential Water Source
Reverse Tile Drain System	Construction involves excavating a trench (5 to 12 feet deep) over an agreed-upon length, installing a slotted pipe at the bottom, and backfilling with gravel and excavated material.	Onsite irrigation well, Rock Creek, Keefer Slough (during peak winter flow), or gravity fed from the property's stock pond.
Direct Recharge via Surface Impoundment	Construction of a small, pilot-scale surface infiltration basin.	Onsite irrigation well, Rock Creek, Keefer Slough (during peak winter flow), or gravity fed from the property's stock pond.
Flood-Managed Aquifer Recharge (Flood-MAR)	Testing potential use of flood water (from, or in anticipation of, rainfall) for managed aquifer recharge on agricultural lands/working landscapes.	Will be discussed with the Landowner for approval prior to conducting.

ITEM 5 - League of Women Voters Presentation



Program Benefits and Participant Expectations

Extended Orchard Replacement Benefits

- Free, field-specific ET data and professional input
- Anonymously compare results to peer orchards
- Explore rotational and fallow strategies that may cut costs and water use

Extended Orchard Replacement Participant Expectations

Participating landowners will tell us what they're doing during the replacement period—irrigation method, cover crops, tillage, chipping, pest and nutrient practices, etc.

Optionally, we'll brainstorm alternative rotational fallow practices (e.g., summer annuals, cover crops).

Precision Irrigation Benefits

- See ET and canopy data
- Identify "non-beneficial" water losses and adjust scheduling without affecting yield
- Potential power-cost savings with PG&E ag rates

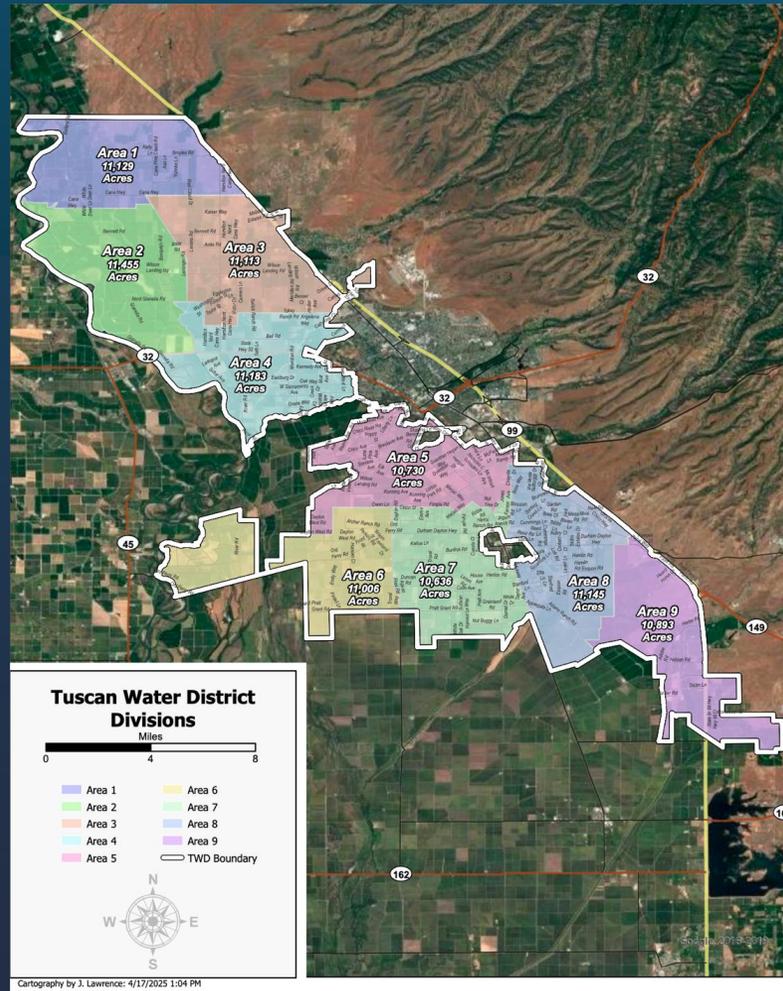
Precision Irrigation Participant Expectations

Participating landowners will share current irrigation setup and historical practices, and provide past yield records for the study blocks (*kept strictly confidential*). **Pairing yield with ET helps maximize the "crop per drop" production approach and increases grower profit margins.**

We're exploring whether changes to irrigation (and possibly fertilization) can reduce non-beneficial ET without affecting yield. Even **small field-level savings can add up to meaningful basin-wide reductions and lower costs.**

This season, we'll help landowners test simple ways to optimize ET without affecting yield. We'll also consider PG&E's ag rates to cut power costs, and provide free guidance plus detailed ET maps of each orchard.

ITEM 5 - League of Women Voters Presentation



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