



**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY

**CGSA Listening Session #1**  
*Well Registration and Metering Program Policy*

March 31, 2025

Robert McDonald, P.E., MPA  
Executive Director

# Agenda

- Background
  - SGMA
  - CGSA
  - Past & Current Cost-of-Service Methods
- Topics & Questions for Policy Consideration
  - **Policy and Implementation Timeline**
  - **Well Registration Requirements**
  - **Well Metering Requirements**
  - Well Status and Location
  - Data Collection
  - Exemptions
  - Fees and Billing
  - Non-Compliance & Enforcement



# Background - SGMA

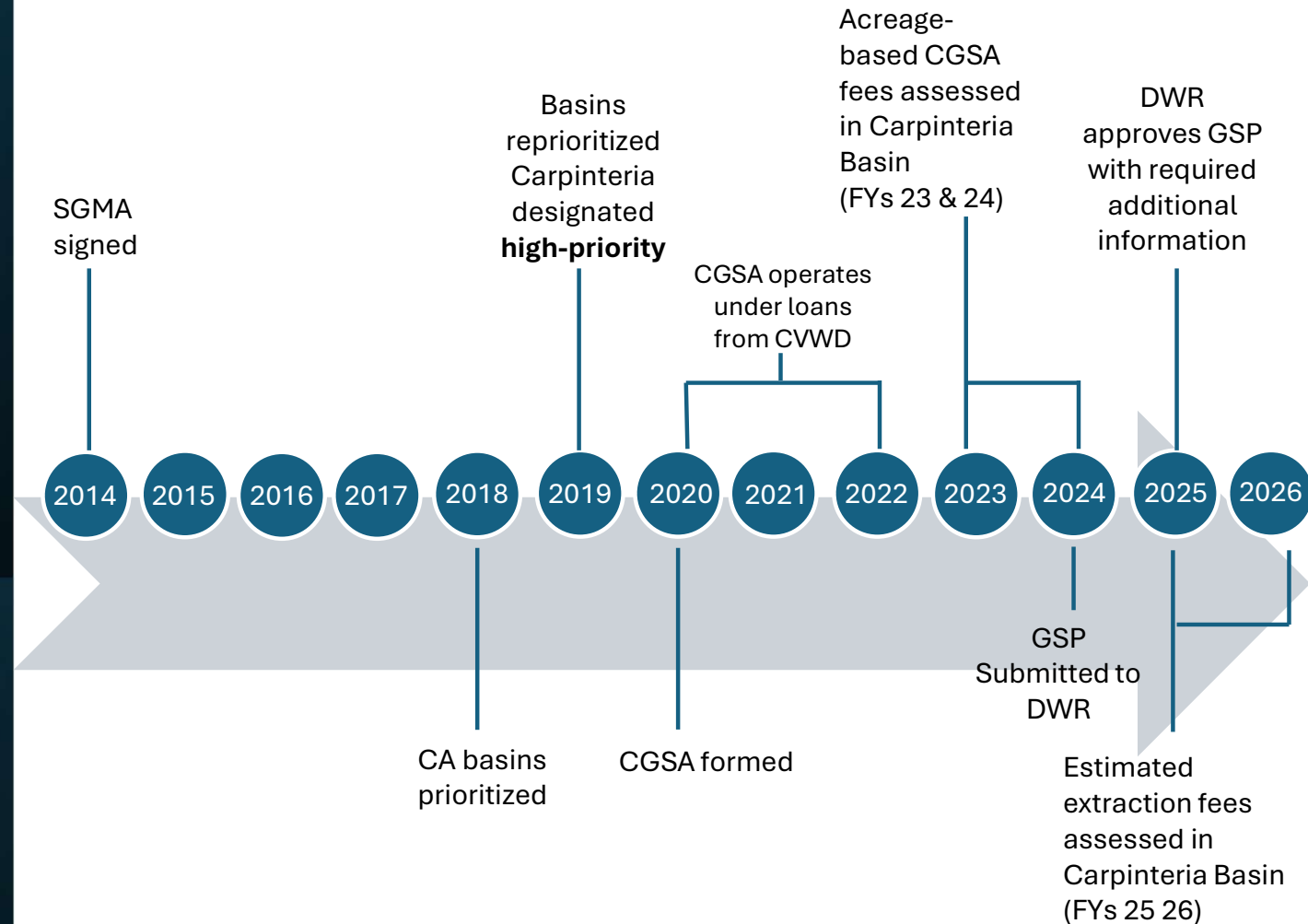
- Passed in 2014, signed by then-Governor Jerry Brown
- Requires local agencies to form groundwater sustainability agencies (GSAs) for high- and medium-priority basins as ranked by the Department of Water Resources (DWR)
- Carpinteria Basin reprioritized as high-priority basin in 2019
- Required to submit GSP
  - Ultimate goal: achieve sustainable management in 20 years



# SGMA & CGSA Timeline



**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY

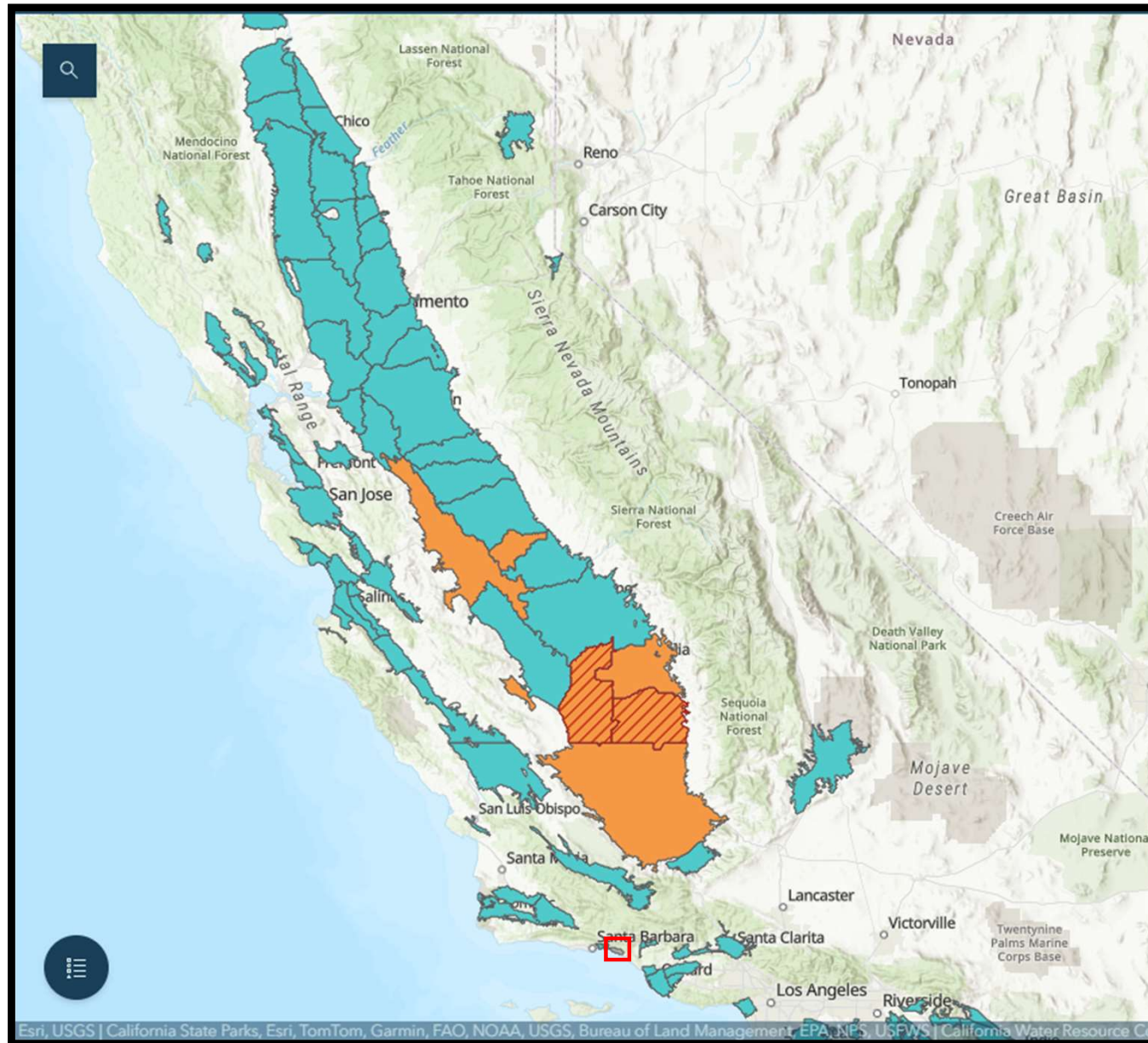




# Carpinteria Groundwater Basin



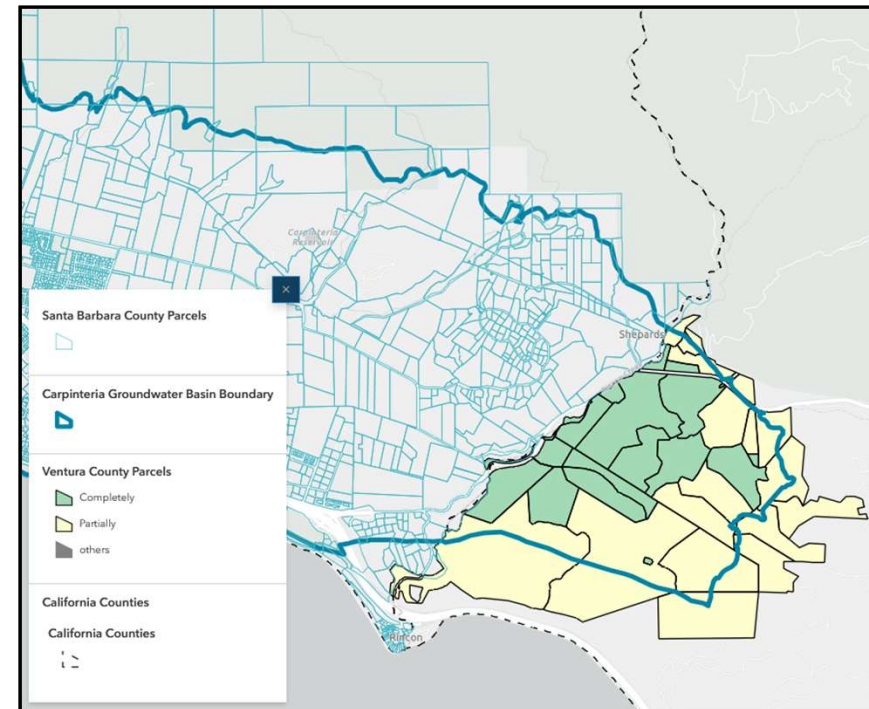
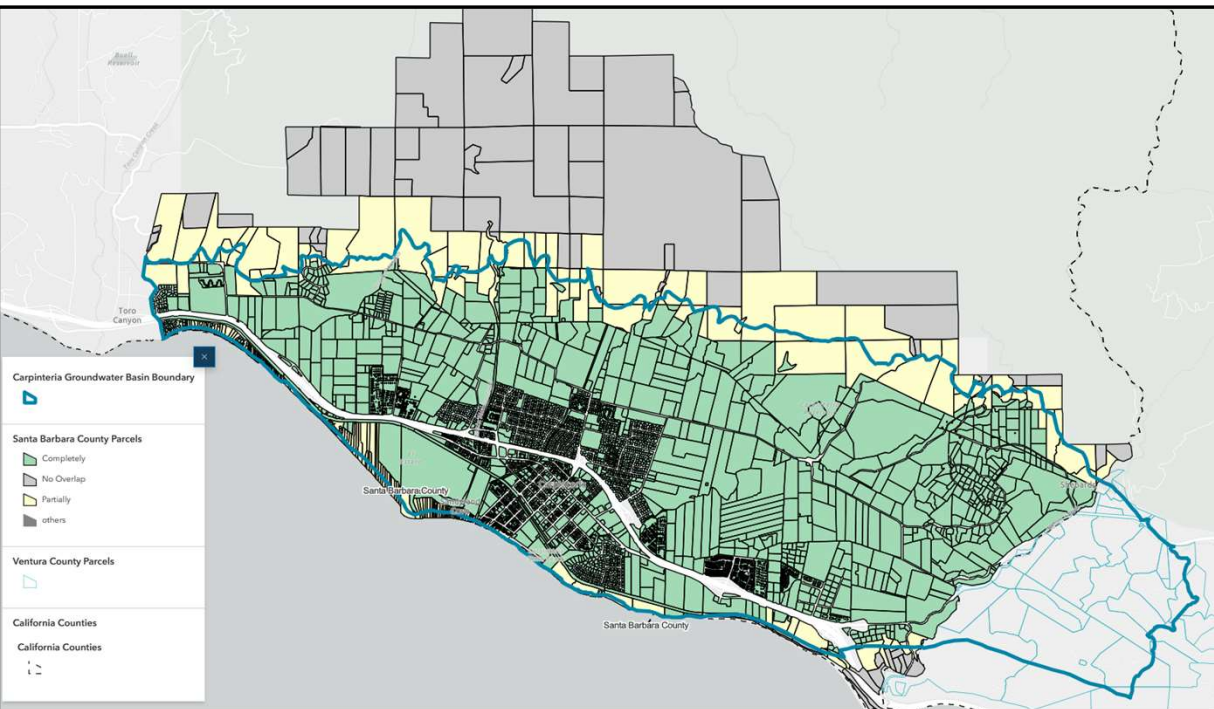
**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY



# Past Method of GSA Fee Collection

## Acreage-based

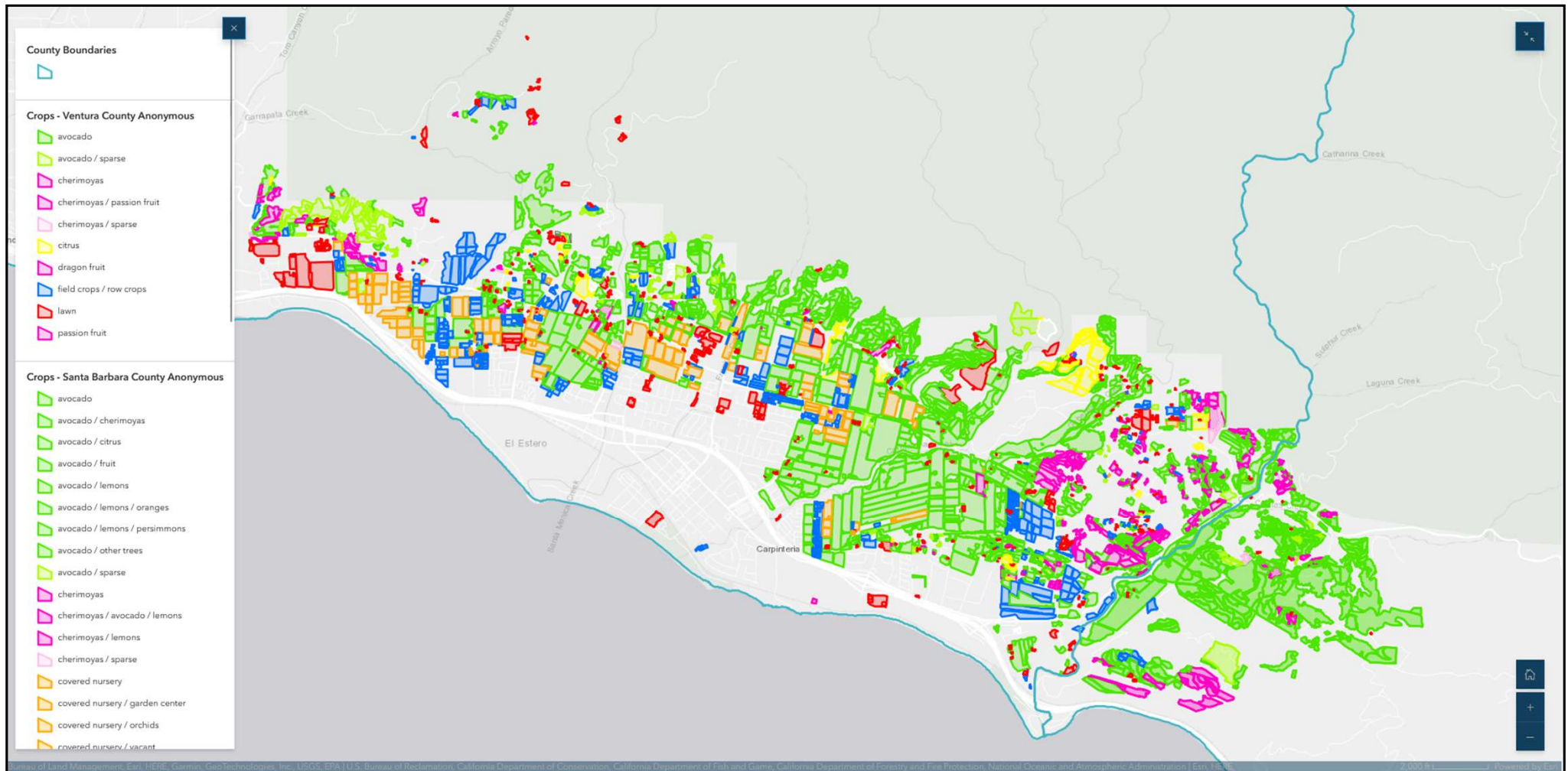
FY2023 → FY2024 Acreage





# Current Method of GSA Fee Collection Estimated Extraction

FY2025 → FY2026 : Estimated Extraction



# Current Method of GSA Fee Collection Estimated Extraction

## FY2025 → FY2026 : Estimated Extraction



1301 Santa Ynez Avenue  
Carpinteria, CA 93013  
805-263-4826

Robert McDonald, Executive Director

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OWNER NAME  
OWNER MAILING1  
OWNER MAILING2

**SUBJECT: GROUNDWATER EXTRACTION ESTIMATE FOR APN: XXX-XXX-XXX**

Dear Owner,

Beginning in fiscal year 2025 (FY2025) the Carpinteria Groundwater Sustainability Agency (CGSA) will be collecting groundwater fees based on estimated groundwater extraction. The CGSA has estimated groundwater extraction based on crop types present on the subject property using aerial imagery and known billed meter consumption. The reverse side of this page shows the breakdown of the CGSA's groundwater estimate for the subject property, which will be used to calculate the CGSA fee for FY2025. A map showing the crop coverages used in these calculations is also included for you.

Please take the time to review this information. If you believe this information is not correct and that amendments are required, please contact the CGSA's Executive Director in writing by mailing a letter to the address listed above explaining the changes you are requesting for your property. The letter must be submitted by December 31, 2023.

We encourage you to sign up for additional information regarding the CGSA, Carpinteria Groundwater Sustainability Plan (GSP) development, and California's Sustainable Groundwater Management Act (SGMA). To sign up for e-mail updates, visit [carpgsa.org](http://carpgsa.org). If you have any questions, please contact [bob@cvwd.net](mailto:bob@cvwd.net) or call 805-684 2816 extension 123.

Sincerely,

CARPINTERIA GROUNDWATER SUSTAINABILITY AGENCY

2023 - APN: «APN»

GROUNDWATER ESTIMATE FOR: XXX-XXX-XXX

*Note: Values in table are rounded*

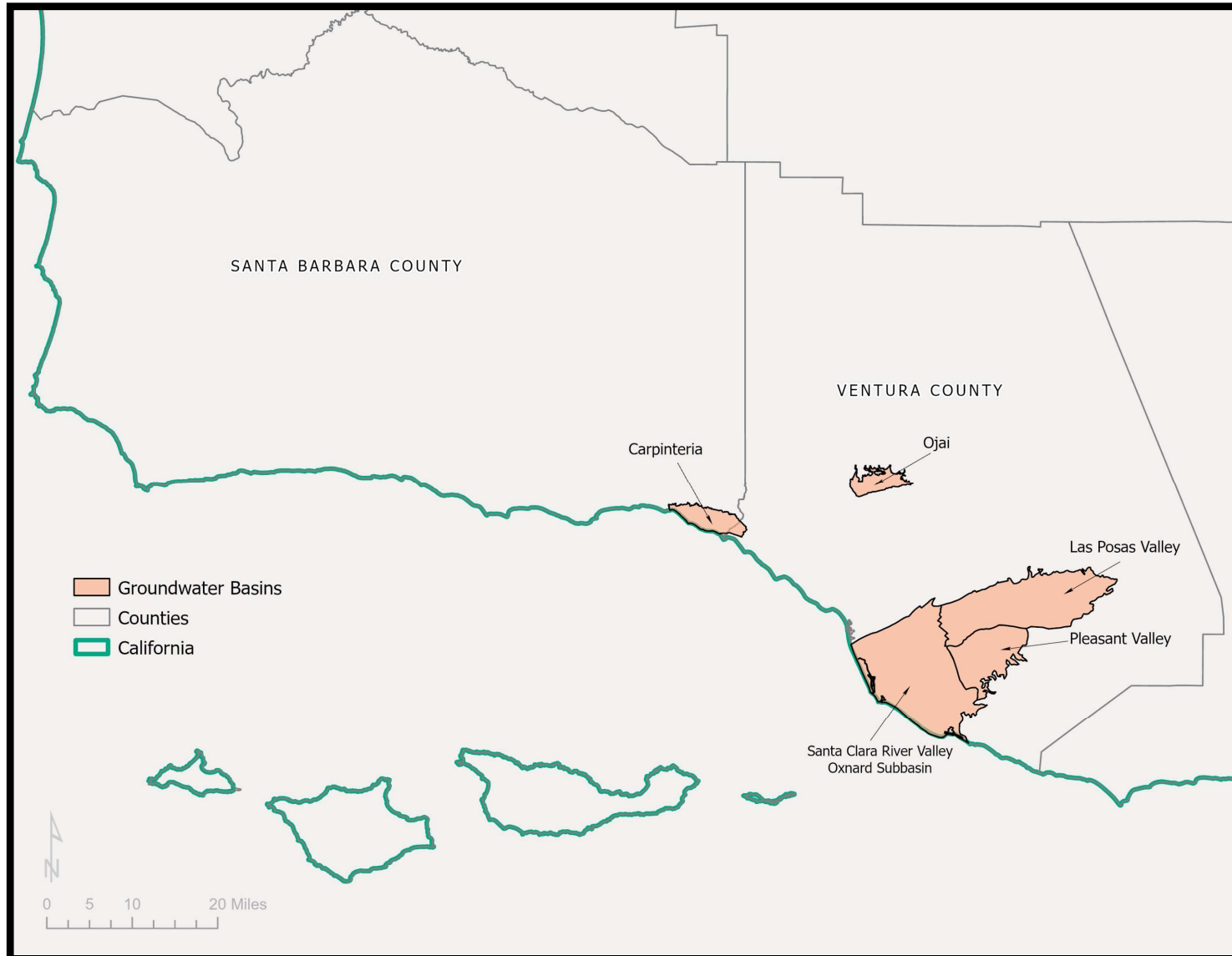
Crop Type	Crop Acreage (acres)	Estimated water applied per acre (acre-feet/acre)	Total water use estimate (acre-feet)
avocado		2.63	0.00
avocado / cherimoyas		2.63	0.00
avocado / citrus		2.63	0.00
avocado / fruit		2.63	0.00
avocado / lemons		2.63	0.00
avocado / lemons / oranges		2.63	0.00
avocado / lemons / persimmons		2.63	0.00
avocado / sparse		1.76	0.00
cherimoyas		3.56	0.00
cherimoyas / avocado / lemons		3.56	0.00
cherimoyas / lemons		3.56	0.00
cherimoyas / passion fruit / zapote		3.56	0.00
cherimoyas / sparse		2.37	0.00
covered nursery		3.38	0.00
covered nursery / garden center		3.38	0.00
covered nursery / orchids		3.38	0.00
field crops / mixed crops		2.14	0.00
field crops / vines		2.14	0.00
fruit trees		3.56	0.00
grapes / vines		2.14	0.00
horse facilities / pasture		2.96	0.00
horse facilities / pasture & barn		2.96	0.00
horse facilities / pasture / pen		2.96	0.00
horse facilities / polo field		2.96	0.00
lawn		2.96	0.00
lemons		1.92	0.00
lemons / avocado		1.92	0.00
lemons / oranges		1.92	0.00
lemons / sparse		1.28	0.00
mixed orchard		3.56	0.00
olives		3.56	0.00
open nursery		2.14	0.00
open nursery / garden center		2.14	0.00
open nursery / palms		2.14	0.00
open nursery w shade cover		2.14	0.00
orchard / mixed		3.56	0.00
park / sports field		2.96	0.00
passion fruit		3.56	0.00
persimmons		3.56	0.00
persimmons / sparse		2.37	0.00
roses		2.14	0.00
stone fruit		3.56	0.00
vegetable garden		2.14	0.00

Known metered water use for FY2022 (July 1, 2021 – June 30, 2022): [CVWD DATA HERE acre-feet](#)  
Estimated Groundwater Use: [FINAL CALCULATION HERE acre-feet](#)

2023 - APN: «APN»

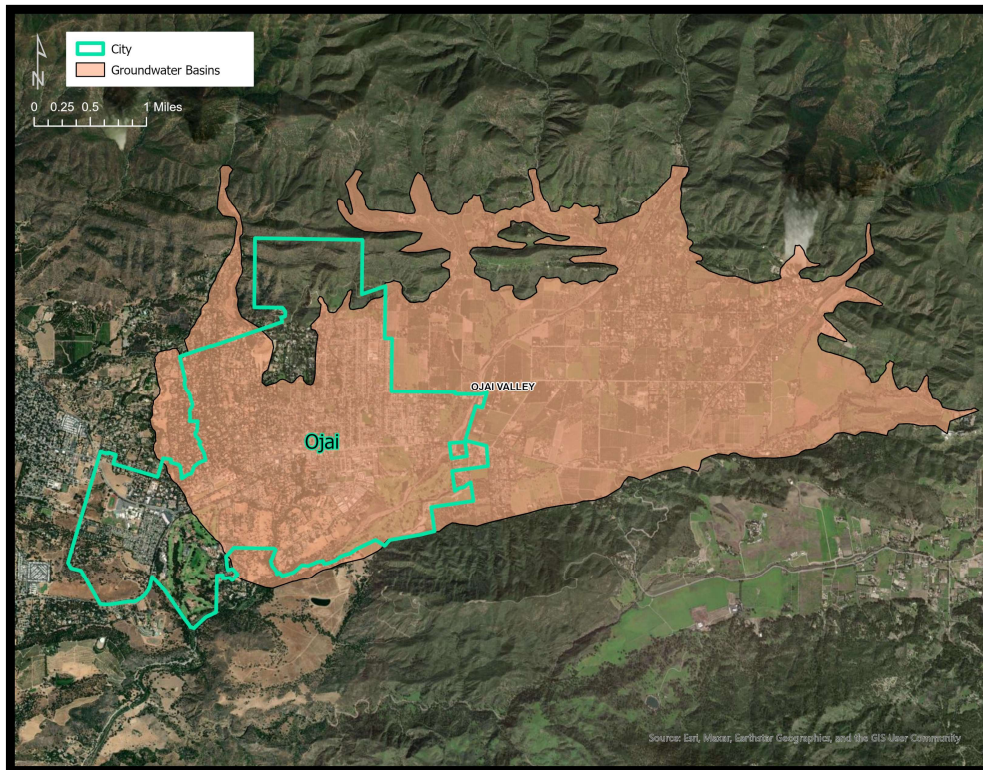


# Other Local Groundwater Agencies With Metering Programs

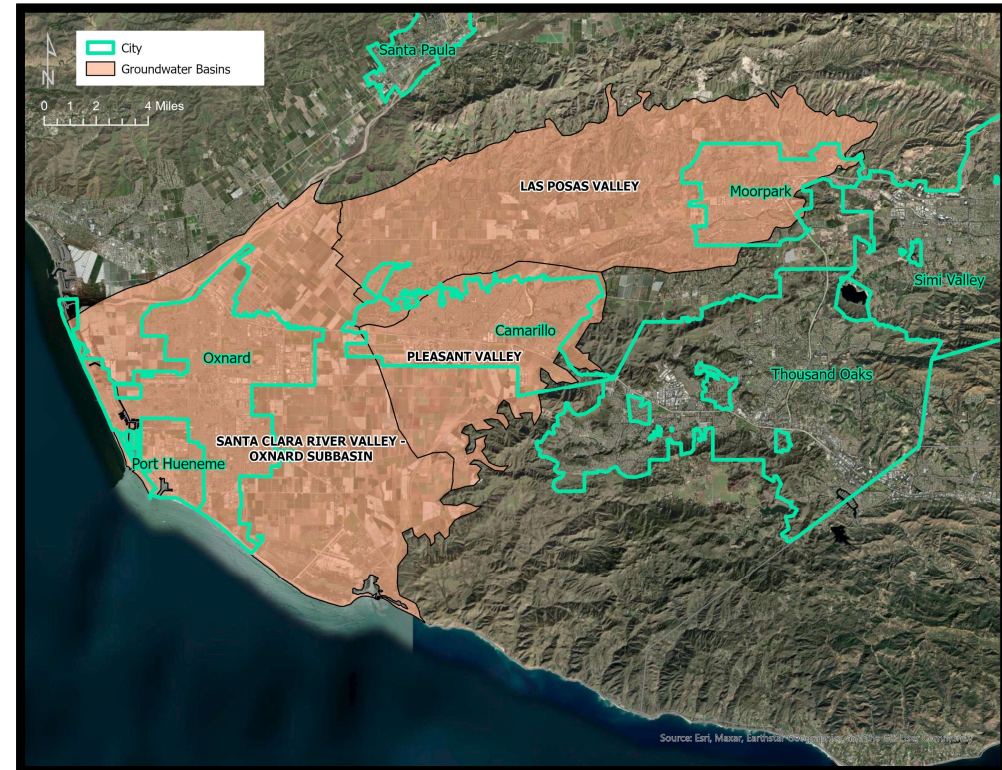


# Other Local Groundwater Agencies With Metering Programs

## Ojai Basin GMA



## Fox Canyon GMA





# CGSA Tentative Implementation Timeline

Presented December  
2024



## Proposed Implementation Timeline:

*(through first two tentative billing periods of metered CGSA fees)*

Timeframe	Proposed <i>Private Well Metering Program and Well Registration Policy Step</i>
December 2024	Policy Framework Board Meeting Presentation and Staff Memo.
January 2025	Tentative Community Meeting at Lyons Club.
February 2025	Tentative Community Meeting at Lyons Club.
March 2025	Tentative <i>Final</i> Community Meeting at Lyons Club early in the month and CGSA Board to review tentative Policy at first Board meeting.
March TBD, 2025	Adopt final Policy at second Board meeting of the month. Require private well meters and registration paperwork to be submitted by end of March of 2026 (12 months).
March 2025-March 2026	Private well owners begin installing meters and registering their wells. CGSA staff to begin to install ERTs/"endpoint" radio transmitters.
March 2026	By end of month, all active wells require meters and all active and inactive wells must have registration paperwork submitted. Wells exempt from installing meters would also be required to submit their first annual exemption form/potential affidavit.
April 2026	CGSA staff finish installing ERTs/"endpoint" radio transmitters at all private wells and finish all data entry for upload to AMI system. All wells entered into a separate system for work order or service order tracking.
May 1, 2026 - April 30, 2027	AMI system collects reads for 12-month billing period.
May and June 2027	CGSA staff download and format data and prepare for direct charge submissions.
July 2027	<i>CGSA staff submit Ventura County Direct Assessment information for tax roll.</i>
July 2027	<i>CGSA staff submit Santa Barbara County Direct Assessment information for tax roll.</i>
November 2027 - Feb 2028	FY 2027-2028 CGSA fees collected through tax rolls in both counties based on May 1, 2026 - April 30, 2027 groundwater extraction.
May 1, 2027 – April 30, 2028	AMI system collects reads for 12-month billing period.
May and June 2028	CGSA staff download and format data and prepare for direct charge submissions.
July 2028	<i>CGSA staff submit Ventura County Direct Assessment information for tax roll.</i>
July 2028	<i>CGSA staff submit Santa Barbara County Direct Assessment information for tax roll.</i>
November 2027 - Feb 2029	FY 2028-2029 CGSA fees collected through tax rolls in both counties based on May 1, 2027 - April 30, 2028 groundwater extraction.



# Updated CGSA Implementation Timeline

Currently Proposed



**Proposed Implementation Timeline:**  
(through first two tentative billing periods of metered CGSA fees)

Timeframe	Proposed Private Well Metering Program and Well Registration Policy Step
December 2024	Policy Framework Board Meeting Presentation and Staff Memo.
March 31, 2025	First Listening Session
April 14, 2025	Second Listening Session
April 28, 2025	Third Listening Session
June TBD, 2025	Adopt final Policy at second Board meeting of the month. Require private well meters and registration paperwork to be submitted by end of March 2026 ( <del>12 months</del> ) - 9 months
July 1, 2025 – March 2026	Private well owners begin installing meters and registering their wells. CGSA staff to begin to install ERTs/"endpoint" radio transmitters.
March 2026	By end of month, all active wells require meters and all active and inactive wells must have registration paperwork submitted. Wells exempt from installing meters would also be required to submit their first annual exemption form/potential affidavit.
March & April 2026	CGSA staff finish installing ERTs/"endpoint" radio transmitters at all private wells and finish all data entry for upload to AMI system. All wells entered into a separate system for work order or service order tracking.
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# Questions & Topics for Policy Consideration

Covered over 3 listening sessions

- **Policy and Implementation Timeline**
- **Well Registration Requirements**
- **Well Metering Requirements**
- Well Status and Location
- Data Collection
- Exemptions
- Fees and Billing
- Non-Compliance & Enforcement

# Policy Timeline

## Proposed Questions

- When should a metering Policy be adopted?
- How long should property owners have to register wells and install meters once adopted?
- When a new well is drilled, how long do property owners have to register the well with the CGSA and fill out registration/flow meter forms to start the process of being added into the system?



# Policy Timeline

## Other Agencies (for context)

- When should a metering Policy be adopted?

Ojai

- 1993

Fox Canyon

- 1987

- How long should property owners have to register wells and install meters once adopted?

- When a new well is drilled, how long do property owners have to register the well with the CGSA and fill out registration/flow meter forms to start the process of being added into the system?

Ojai – **registration**

- Existing wells: 2 months
- New wells: 30 days

Ojai – **meters**

- Existing wells: 8 months
- New wells: 60 days

Fox Canyon – **registration**

- Existing wells: 1 month
- New wells: 30 days

Fox Canyon – **meters**

- Existing wells: 10 months
- New wells: 30 days

# Policy Timeline

## Staff Suggestions

- When should a metering Policy be adopted?  
End of Quarter 1 was initial goal. Suggest to have 3 listening sessions March/April and draft Policy in May for adoption by end of May or June.
- How long should property owners have to register wells and install meters once adopted?  
If the end of May or June is achieved this would allow 9 or 10 months for property owners to register wells & install meters for existing wells.
- When a new well is drilled, how long do property owners have to register the well with the CGSA and fill out registration/flow meter forms to start the process of being added into the system?  
Suggest giving 30 days from well construction completion (matches FCGMA requirement).

# Well Registration Requirements

## Proposed Questions

- What are the requirements for well registration?



# Well Registration Requirements

## Other Agencies (for context)

- What are the requirements for well registration?

Ojai



**FORM FOR REGISTRATION OF GROUNDWATER EXTRACTION FACILITIES**

Operators of groundwater extraction facilities are required to register their wells and provide related information to the Ojai Basin Groundwater Management Agency per OBGMA Ordinance No. 8. New extraction facilities shall be registered by returning this form to OBGMA within 30 calendar days following completion of construction and prior to groundwater extraction.

PLEASE PROVIDE THE FOLLOWING INFORMATION.

**OPERATOR INFORMATION**

NAME: \_\_\_\_\_  
 STREET ADDRESS: \_\_\_\_\_  
 CITY/STATE/ZIP: \_\_\_\_\_  
 TELEPHONE: \_\_\_\_\_  
 EMAIL: \_\_\_\_\_

**WELL INFORMATION**

OPERATOR WELL NUMBER/NAME: \_\_\_\_\_  
 STATE WELL NUMBER: \_\_\_\_\_  
 GPS COORDINATES: \_\_\_\_\_  
 WELL DEPTH (FT): \_\_\_\_\_ CASING DIAMETER (IN) \_\_\_\_\_  
 PUMP MOTOR CAPACITY (HP): \_\_\_\_\_ WATER METER SIZE (IN) \_\_\_\_\_  
 WATER METER MANUFACTURER/MODEL NO: \_\_\_\_\_

**WATER WELL USE (CHECK APPLICABLE USE)**

\_\_\_\_\_ AGRICULTURAL IRRIGATION  
 NUMBER OF ACRES AND CROP TYPES: \_\_\_\_\_

Form continues on reverse →

Office Address: 417 Bryant Circle Drive, Suite 112, Ojai CA 93023 805.640.1207  
 Mailing Address: P.O. Box 1779, Ojai CA 93024 obgma@aol.com  
 www.obgma.com

OJAI BASIN GROUNDWATER MANAGEMENT AGENCY  
 FORM FOR REGISTRATION OF GROUNDWATER EXTRACTION FACILITIES  
 Page 2

\_\_\_\_\_ DOMESTIC/LANDSCAPE IRRIGATION  
 NUMBER OF DWELLINGS SERVED: \_\_\_\_\_  
 NUMBER OF ACRES IRRIGATED: \_\_\_\_\_

\_\_\_\_\_ MUNICIPAL  
 POPULATION SERVED: \_\_\_\_\_

Does the property have other water sources available? If so, please state source(s) and average annual quantity used. \_\_\_\_\_  
 \_\_\_\_\_

Are there inactive or inoperable wells on the property? If so, what is the anticipated disposition of these wells (reactivate, repair, abandon)? \_\_\_\_\_  
 \_\_\_\_\_

Property Owner Signature	Date
Operator Signature (if different than Property owner)	Date

**Attach Driller's Log and First Notice for Recordation**

Please return this form to: Ojai Basin Groundwater Management Agency  
 P.O. Box 1779  
 Ojai CA 93024

Or via email to: obgma@aol.com


# Well Registration Requirements

## Other Agencies (for context)

- What are the requirements for well registration?  
**Fox Canyon**

**FOX CANYON GROUNDWATER  
MANAGEMENT AGENCY**

800 S. Victoria Avenue  
Ventura, CA 93009-1610  
Tel: (805) 645-1372  
Fax: (805) 654-3350



**Groundwater Extraction Facility  
Registration Form**

Owners and Operators of a groundwater extraction facility are required to register their well(s) and provide related information to the Fox Canyon Groundwater Management Agency (FCGMA). Per FCGMA Ordinance No. 8.1, Chapter 2.0, all groundwater extraction facilities within the boundaries of the FCGMA shall be registered with the Agency.  
*(Please complete a Registration Form for each well that you own or operate and return to the FCGMA.)*

**Owner Information**

Contact Name \_\_\_\_\_  
Business Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone # / Fax # \_\_\_\_\_  
Email Address \_\_\_\_\_

**Operator Information** *(if different than above)*

Contact Name \_\_\_\_\_  
Business Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Phone # / Fax # \_\_\_\_\_  
Email Address \_\_\_\_\_


**Well Information**

State Well No. (SWN) \_\_\_ N \_\_\_ W \_\_\_\_\_  
Owner's Well Name/No. \_\_\_\_\_  
State Recordation No. \_\_\_\_\_  
Well location/address *(provide accurate sketch)*: \_\_\_\_\_

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**FOX CANYON GROUNDWATER  
MANAGEMENT AGENCY**

800 S. Victoria Avenue  
Ventura, CA 93009-1610  
Tel: (805) 645-1372  
Fax: (805) 654-3350



**Additional Well Information**

County Well Permit # \_\_\_\_\_ GMA Permit # \_\_\_\_\_  
Well Depth \_\_\_\_\_ Feet Manufacturer of Water Meter \_\_\_\_\_  
Casing Diameter \_\_\_\_\_ Inches Serial No. of Water Meter \_\_\_\_\_  
Motor/Engine \_\_\_\_\_ HP Electric Meter No. \_\_\_\_\_  
Perforations \_\_\_\_\_ Feet Date Drilled \_\_\_\_\_  
Assessor Parcel No. (APN) \_\_\_\_\_  
Groundwater Basin \_\_\_\_\_

**CombCode / Account Name**

Add to Existing CombCode (list CombCode) \_\_\_\_\_  
 New CombCode (list a preference if you have one) \_\_\_\_\_

**Well Water Use Type**

Agricultural / Irrigation *(list number of acres and crop category(ies))* \_\_\_\_\_  
 Stock Watering *(number and type of animals)* \_\_\_\_\_  
 Domestic *(number of persons served)* \_\_\_\_\_  
 Municipal or Industrial \_\_\_\_\_  
 Other *(describe)* \_\_\_\_\_

**Extraction Method**

Water Flowmeter *(state what flowmeter reads in: acre-feet (AF), gallons, cubic-feet (CF))* \_\_\_\_\_  
 Power Records *(date of last efficiency test)* \_\_\_\_\_  
 Consumptive Use \_\_\_\_\_  
 Other *(describe)* \_\_\_\_\_

\_\_\_\_\_  
*(Print Name)* \_\_\_\_\_ *(Date)* \_\_\_\_\_

\_\_\_\_\_  
*(Signature)*  Owner  Operator

7/9/2015 Page 2 of 2

# Well Registration Requirements

## Staff Suggestions

- What are the requirements for well registration?

Suggest staff develop similar forms requesting similar information, including, but not limited to:

Required **contact information**:

Primary Site Contact Name

Business Name

Mailing Address

Phone #/Fax #

E-mail Address

Owner Name

Owner Mailing Address (if different from above)

Owner Phone #/Fax # (if different from above)

Owner E-mail Address (if different from above)

Require the following **well information**:

State Well Number

GPS Coordinates

Well location/address

Well status (at the time of registration)

Well depth

Casing diameter

Motor/Engine HP

Perforations

Date drilled

Size of water meter

Manufacturer of water meter

Serial number of water meter

Last accuracy test date (?)

Electric meter number

Date Drilled

Parcel Number

Well water use type

Number of acres and crop types

Number of dwellings served

# Well Metering Requirements

## Proposed Questions

- How many meters should be monitored by the CGSA at each well?
- Should private well meters require calibration and, if so, to what standard?



# Well Metering Requirements

## Other Agencies (for context)

- How many meters should be monitored by the CGSA at each well?

Ojai: 1 per well

Fox Canyon: 1 per well

Submeters permitted but not monitored.

- Should private well meters require accuracy testing and, if so, to what standard?

Ojai: Yes - required accuracy  $\pm 5\%$

Testing Frequency:

- 1 1/2" and larger: Every 2 years
- 3/4" and 1" extracting  $\leq 2$  af (5-year average):  
Every 5 years

Fox Canyon: Yes - required accuracy  $\pm 5\%$

Testing Frequency:

- Every 3 years

# Well Metering Requirements

## Staff Suggestions

- How many meters should be monitored by the CGSA at each well?

*Suggest 1 meter per well billed to the APN of the parcel the well resides on.*

*Submeters permitted but not monitored so well owners can internally share costs.*

- Should private well meters require accuracy testing and, if so, to what standard?

*Suggest to require testing to ensure the accuracy of the data. Suggest to use  $\pm 5\%$  like other agencies and every 3 years like Fox Canyon. Suggest not to have different testing frequencies depending on different meter sizes to make enforcement more straight-forward.*

# Well Metering Requirements

## Staff Suggestions

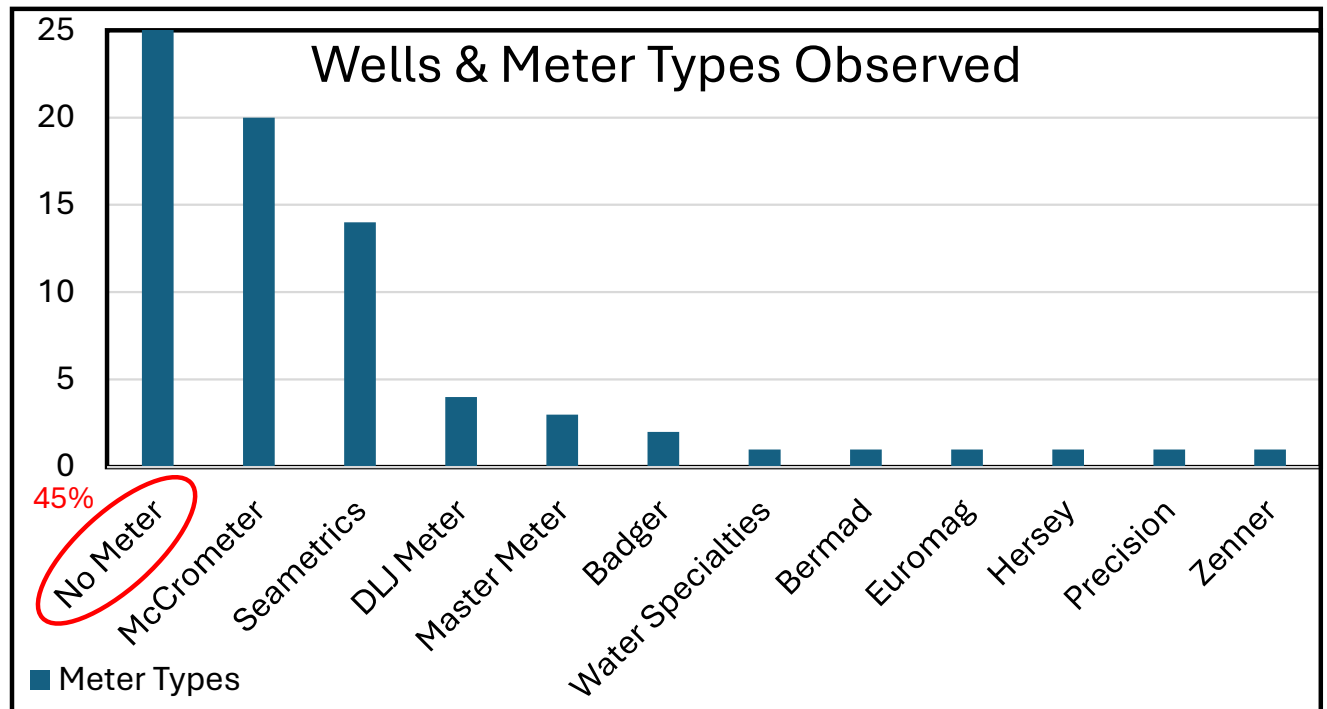
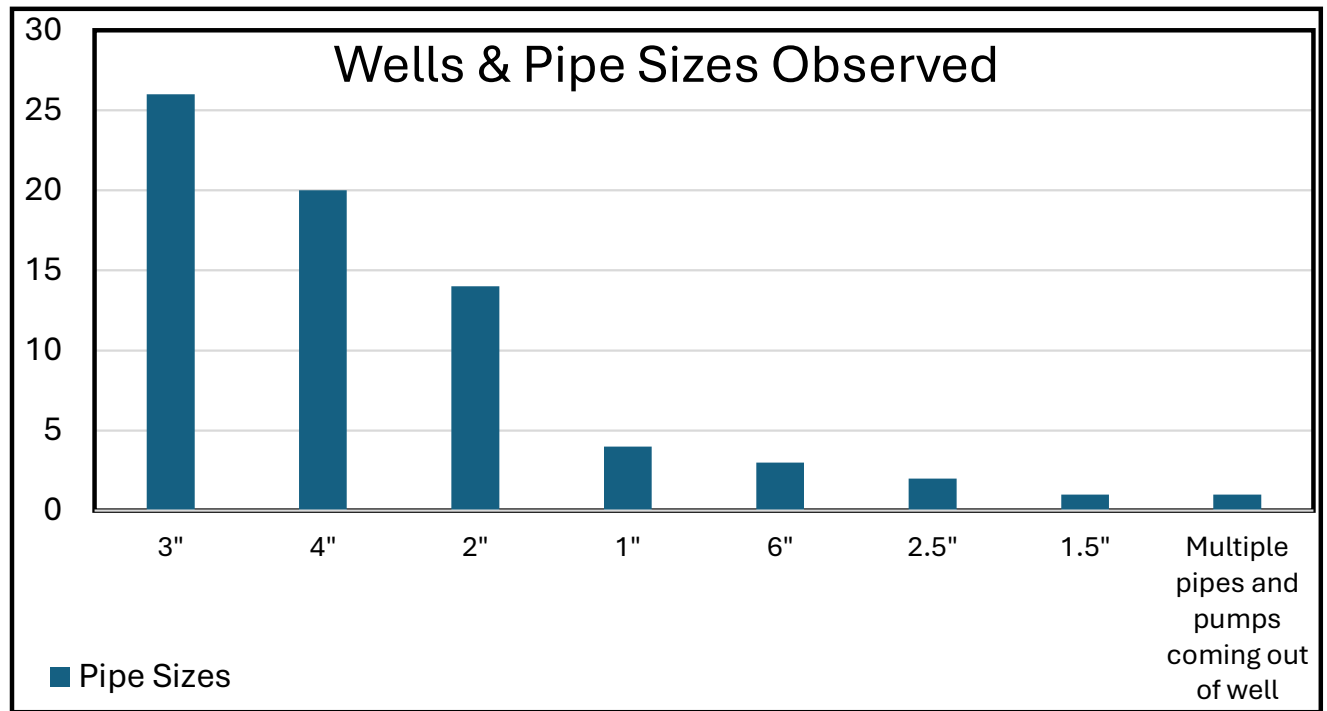
- How can a well owner resolve an inaccurate meter?
  - If meter can be calibrated or reconditioned such that accuracy is restored, then this would be acceptable if retesting shows that meter is within required accuracy range.
  - If meter accuracy is not corrected or reported in a timely manner (30 or 60 days proposed), then billing will revert to published crop acreage fee.

# WELL METER SURVEY

JANUARY 2025  
RESULTS  
(71 wells)



**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY



\*72 data points because 1 well had two pumps, 2 pipes coming out, with 2 different brands of meters



# WELL METER SURVEY

JANUARY 2025  
RESULTS  
(71 wells)



**CARPINTERIA GSA**  
GROUNDWATER SUSTAINABILITY AGENCY



**McCrometer**



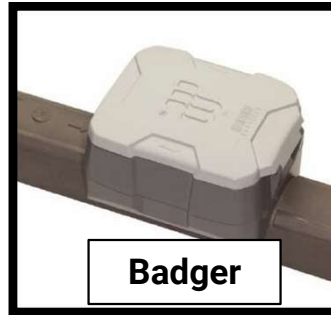
**Siemetrics**



**Bermad**



**Water Specialties**



**Badger**



**Precision**



**Zenner**



**DLJ Meter**



**Euromag**



**Hersey**



**Master Meter**

# Well Registration and Metering Policy

Questions/ Comments?