

**CARPINTERIA GROUNDWATER
SUSTAINABILITY AGENCY
(CGSA) PUBLIC MEETING
JUN 14, 2022**



CARPINTERIA GSA
GROUNDWATER SUSTAINABILITY AGENCY

What is the SGMA?

Sustainable Groundwater Management Act

- Three bill package signed into California law in late 2014
- Provides a statewide framework for long-term **sustainable groundwater management** in California
- Applies to “**medium**” & “**high**” priority basins, as determined by the Department of Water Resources

SGMA's Goal is...

Sustainable Groundwater Management

Sustainable GW Management = Avoiding “Undesirable Results”



Surface Water
Depletion



Reduction
of Storage



Degraded
Quality



Seawater
Intrusion



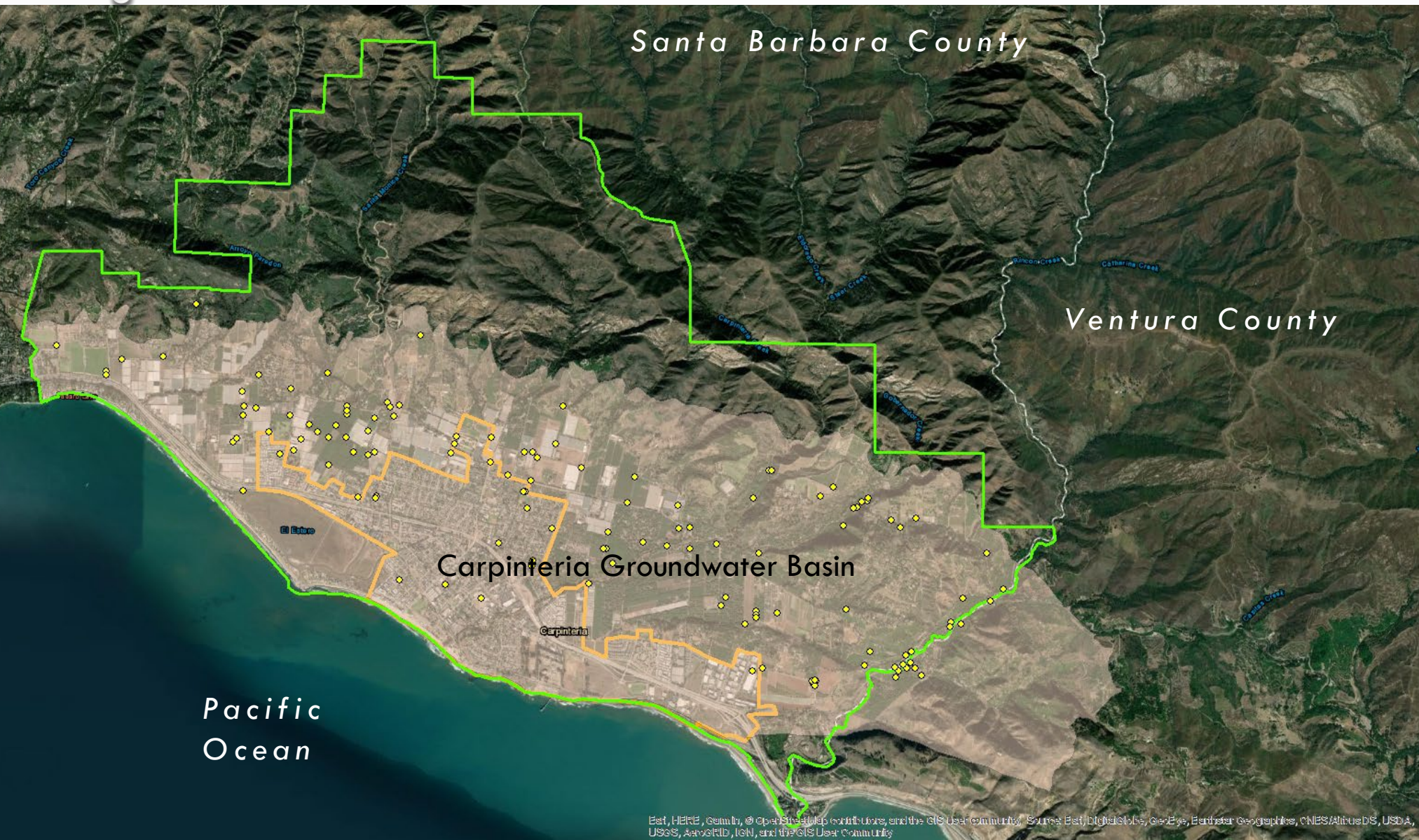
Land
Subsidence



Lowering
GW Levels

SGMA definition of “Undesirable Results”

Where is Carpinteria Groundwater Basin (CGB)?



Why is Managing Groundwater important for Carpinteria Valley?

1. The local groundwater resource provides around 25% of Carpinteria Valley Water District's water supply annually.
2. The local groundwater resource provides about 2/3 of water pumped for private agriculture in Carpinteria Valley and portions of Ventura County.
3. Groundwater provides benefits to the ecosystem in Carpinteria.





What Does SGMA Require of High & Medium Priority Basins?

1. Form a Groundwater Sustainability Agency (GSA)

Within 2 years after basin prioritization. (2019)

2. Adopt a Groundwater Sustainability Plan (GSP)

No More than 5 years after basin reprioritization (2024)

3. Achieve Sustainable Groundwater Management

20 years following GSP adoption (2044)

❖ State will intervene if local agency implementation fails

Carpinteria Groundwater Basin under SGMA

Background;

- Carpinteria Basin was designated High Priority by State in 2019
 - Due to importance of groundwater in Carpinteria Valley
- Carpinteria GSA (CGSA) was formed in 2020 through a Joint Powers Authority Agreement (JPA).



- Carpinteria GSA is a separate agency from CVWD.

Carpinteria Groundwater Basin under SGMA

GSA Responsibilities?

1. Develop, adopt, and implement a GSP to achieve sustainable groundwater management withing 20 years.
2. Groundwater monitoring and annual reporting to DWR
3. Review and update GSP every 5 years
4. Continued Stakeholder outreach and engagement
5. Implement Management Actions, if necessary to achieve sustainability

Carpinteria Groundwater Basin under SGMA

Funding?

- GSP development is primarily funded through a State grant program (\$1.9M)
- GSA Operations funded using loans from CVWD for FY 21 & FY 22
- GSA Fee being developed to support ongoing GSA operations



Carpinteria GSA

GSA Fee Study

Community Meeting

June 14, 2022

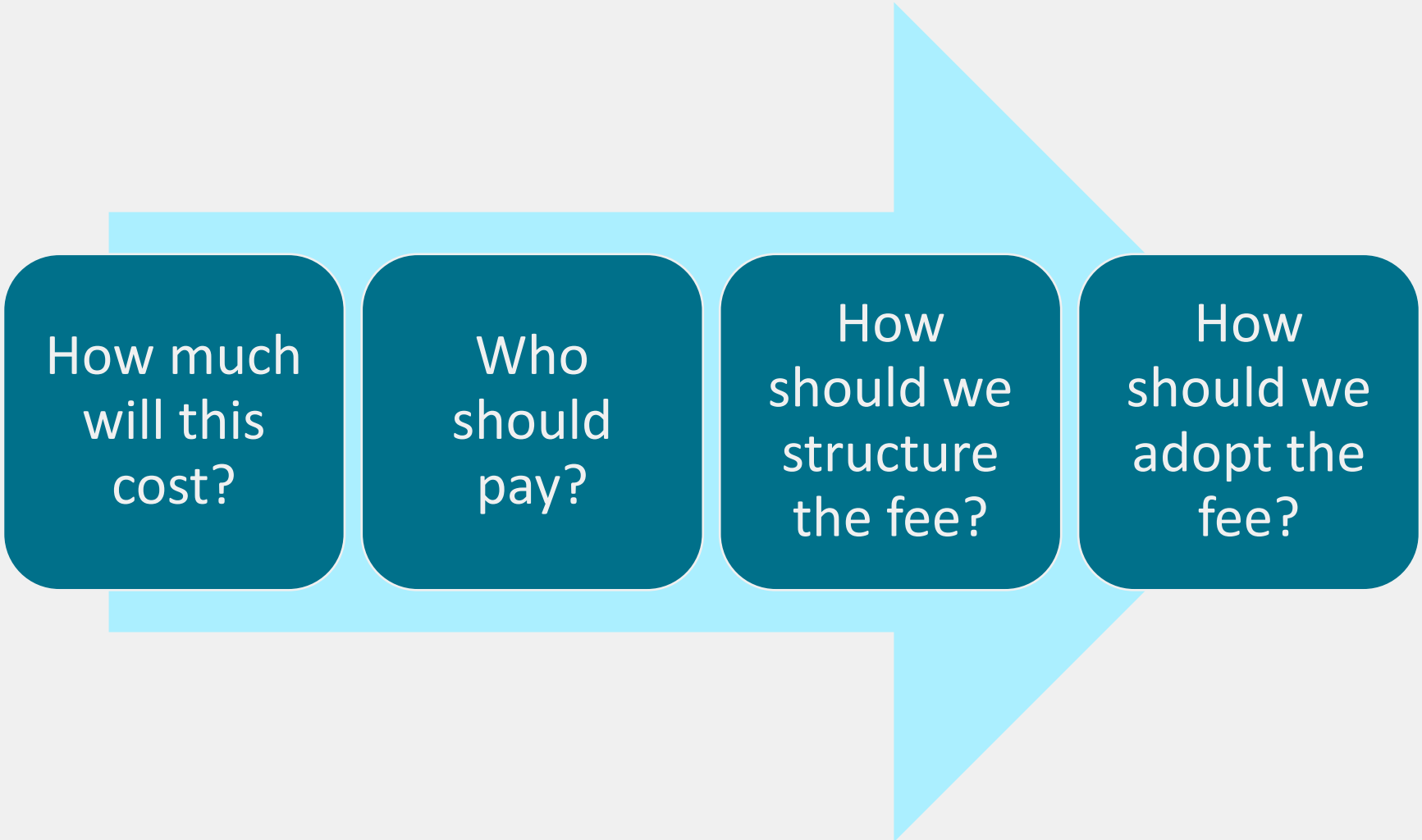
Sustainable Groundwater Management Act (SGMA) Timeline and Funding Phases



Fee Study Process



Fee Study – Primary Questions



How much
will this
cost?

Who
should
pay?

How
should we
structure
the fee?

How
should we
adopt the
fee?

Fee Structure Evaluation

Policy Objective	All Parcels	Non-de minimis Parcels	Total Acreage	Irrigated Acreage	Est. Gross Pumping	Est. Net Pumping
Administration	★★★★	★★★★	★★★★	★★★	★	★
Equity	★	★	★★★	★★★★	★★★★	★★★★
Financial Stability	★★★★	★★★★	★★★★	★★★	★★	★★
Affordability	★★	★	★★★	★★★	?	?

★ = Least ★★★★★ = Best

Fee Proposal

- All parcels overlying the groundwater basin will be subject to the proposal
 - › Some land uses are exempted from the GSA's fee calculation
 - Examples: federal lands and public easements and rights of way
- Proposed charge is based on a parcel's acreage
- Charges would be billed using the Counties' direct charge authority
 - › Parcels would pay GSA charges on their property tax statement, twice per year

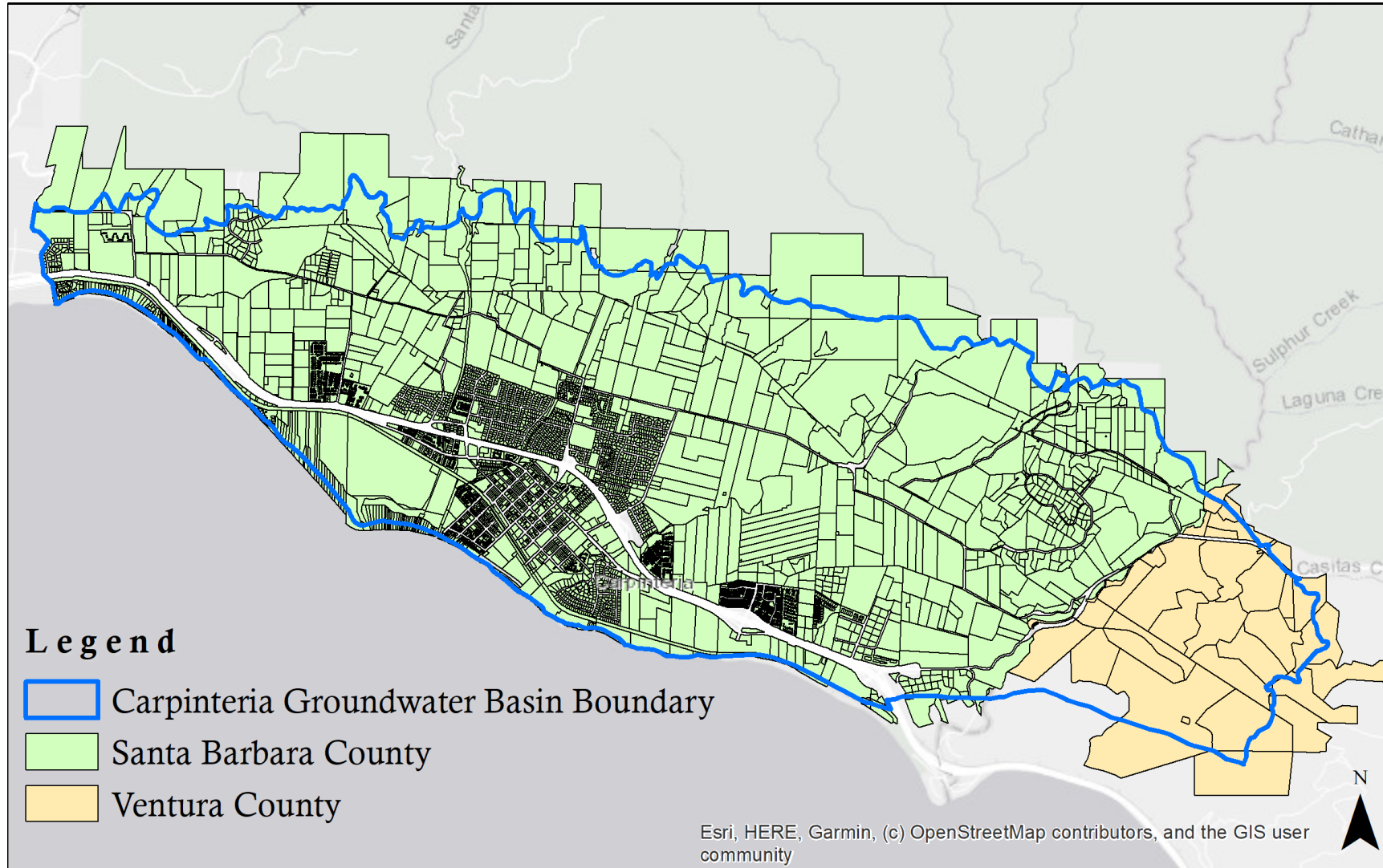
Five-Year Financial Plan

- Basis for costs is FY 2022 (current year) budget
- Future year costs escalated based on inflationary assumptions and adjustments for one-time expenses
- CVWD loan reimbursement over three years
- Reserve funding over four years
 - › Target of six months cash on hand
- Primary costs to be recovered include: personnel, groundwater professional services, water quality testing, legal, and administration
- Total costs of approximately \$350,000 per year the first three years
- Cost of developing the Groundwater Sustainability Plan (GSP) is funded through a state grant

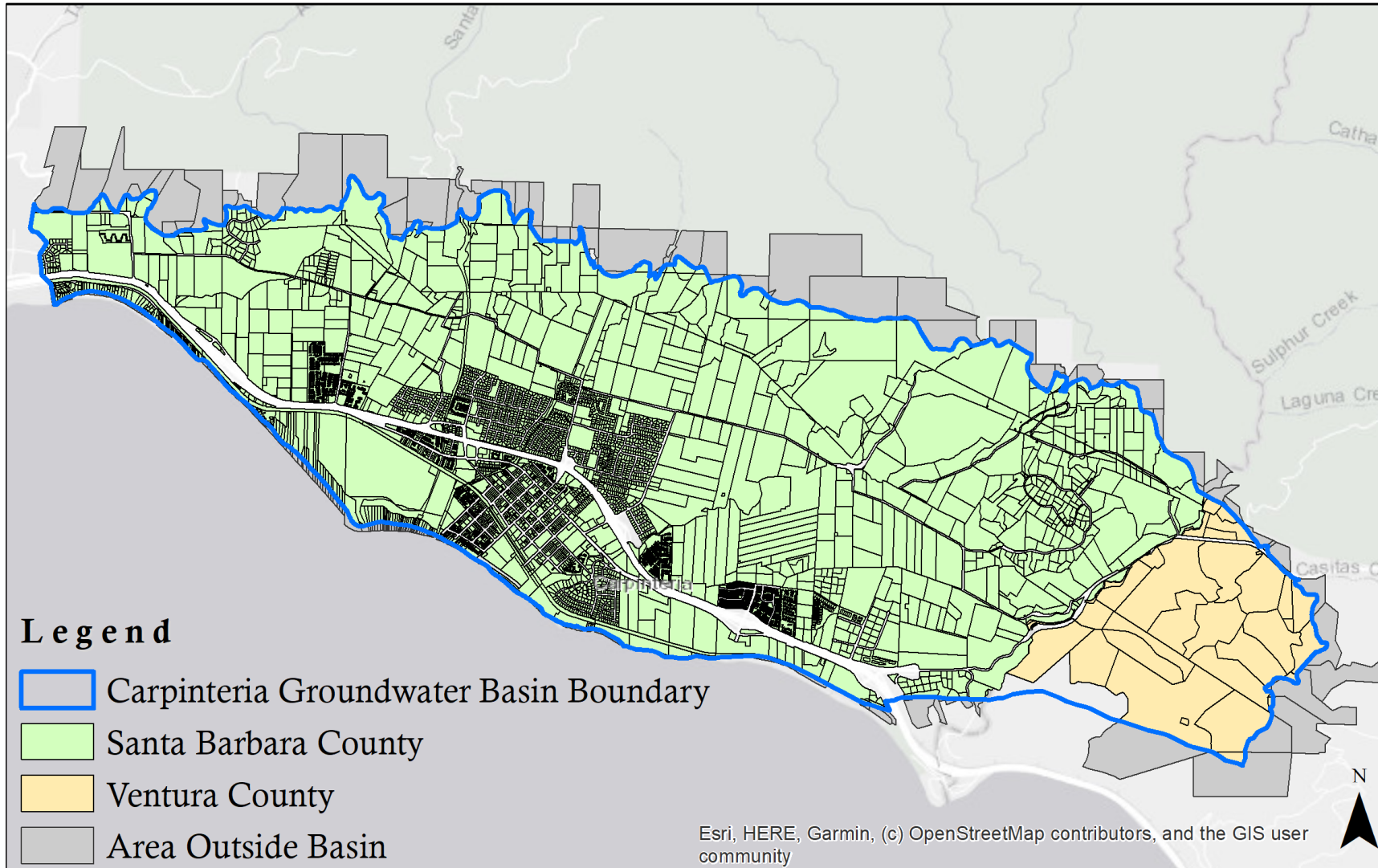
Acreage Calculation

- Parcel acreage that will be subject to proposed charges was calculated from the total area within the Groundwater Basin Boundary
 - › Any parcel portion outside of the hydrological basin boundary was removed from total acreage
 - › Only the portion inside the basin boundary will be subject to charges

All Intersecting Acreage



Net Acreage (grey shaded area removed)



Other Acreage Excluded / Omitted

- Total acreage removed from fee calculation: **44 acres**
 - › Parcels that are not currently and cannot reasonably be developed in the future are omitted from the fee calculation
 - Examples: rights of way and conservation easements
 - › Federal or tribal lands (exempt from SGMA)
 - › All other parcels are included for purposes of the fee calculation
- If no property tax statement is generated by the counties, the GSA will need to attempt to directly bill the properties
 - Examples: Low value / \$0 parcel, tax exempt classification

Net Acreage (subject to GSA Fee)

	Acreage
Gross Acreage Intersecting the Basin Boundary	8,836
<i>(Less Parcel Acreage Outside the Basin Boundary)</i>	<i>(1,420)</i>
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Net Acreage within the Basin Boundary	7,416
<i>(Less Exempted/Omitted Acreage)</i>	<i>(44)</i>
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Net Acreage subject to GSA Fees	7,372

Proposed Fees (\$/Acre)

- Five-year fee projection shown
- Proposal is for a three-year adoption
 - › Adopted through the estimated Groundwater Sustainability Plan (GSP) implementation year
 - › Fee to be revisited once any projects and management action costs are identified

Fee Calculations	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Fee per Acre per Year	\$48.00	\$49.00	\$49.00	\$32.00	\$29.00

Fee Impacts (Year 1), by Parcel Size

Parcel Size (Acres)	Fee (\$/Yr)	Fee (\$/Installment)
1/8 Acre	\$6.00	\$3.00
1/5 Acre	\$9.60	\$4.80
1/4 Acre	\$12.00	\$6.00
1/2 Acre	\$24.00	\$12.00
3/4 Acre	\$36.00	\$18.00
1 Acre	\$48.00	\$24.00
2 Acres	\$96.00	\$48.00
5 Acres	\$240.00	\$120.00
10 Acres	\$480.00	\$240.00
25 Acres	\$1,200.00	\$600.00
50 Acres	\$2,400.00	\$1,200.00

90th percentile SFR: 1 acre

90th percentile Agriculture: 25 acres

Fee Implementation

Fees effective

- July 1 (beginning of the County and Carp GSA fiscal year)

The first charges

- Would show on fall property tax statements as a new “fixed charge” for the Carp GSA

Total charges

- Based on parcel acreage, or fraction thereof

If parcel (APN) acreage is within the Basin

- It will be charged unless one of the exempted categories

Charges will be split

- Between fall and spring tax statements (half each)

Summary

- The fees recover the costs of administration and operations for the Carp GSA
- Any additional funding for Projects and Management Actions (PMAs) will be determined separately after GSP adoption and approval
- Most common Single Family Residential property (around 1/5 acre) will see an annual charge of approximately \$9
- Most common Agricultural property (around 8 acres) will see an annual charge of approximately \$372

Next

- Proposed Board Adoption on June 29
- Submission of charges to Counties July to August
- First charges received in Fall of 2022

Thank you!

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