

# Cosumnes Groundwater Authority

## Fee Structure Updates

February 7th, 2024



# Agenda

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- I. Review Fee Structure
- II. Review Revenue Summary
- III. Looking forward
  - a) Discussion of fee study needs.
  - b) Fee implementation.
  - c) Community Outreach.

# Updates from December Board Meeting

## I. Budget

- a) Budget projection now extended to five years with a 5% escalator.

## II. Fee Structure

- a) Slight increase in rates due to five-year budget.
- b) Amador irrigated acreage totals reviewed and applied to base charge and irrigated acreage charge.

## Cosumnes Groundwater Authority Projected Five-Year Budget

Budget Category / Task	Year 1	Year 2	Year 3	Year 4	Year 5	Notes
	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29	
<b>Operational Budget</b>						
Personnel	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	Staffing for Board and GSA management, DWR coordination, contract management, and outreach.
Technical Support Services	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	On-call support from technical consultants for regular authority work.
Legal Services	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	Legal support for regular business and SGMA implementation.
Annual Report Development	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	Development of required Water Year Annual Reports (due annually on April 1.)
Outreach and Engagement Supplies	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	Costs associated with public workshops and other outreach efforts.
Financial Audits	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	Yearly financial audits of public funds.
Miscellaneous Operating Expenses	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	Office supplies and other regular operating expenses.
Data Management System Maintenance	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	Estimated cost to input data and generate semi-annual reports.
GSP Period Update (5-Year Update)	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	Due to DWR by 1-27-27. Assumes \$150,000 for GSP update process.
Collection of Monitoring Network Data	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	Semi-annual collection of groundwater, surface water, and subsidence data.
Data Gap Filling Projects	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	Specific projects TBD.
<b>Subtotal</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	<b>\$ 455,000</b>	
Contingency / 5% Escalator	\$ 22,750	\$ 23,888	\$ 25,082	\$ 26,336	\$ 27,653	5% Escalator
<b>Total Expenses</b>	<b>\$ 477,750</b>	<b>\$ 478,888</b>	<b>\$ 480,082</b>	<b>\$ 481,336</b>	<b>\$ 482,653</b>	

# Budget Considerations

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- Budget does not contain funding for projects.
- GSAs may have to fund projects individually.
- In order to generate fee revenue to fund additional costs incurred by member GSAs, addendums to the Fee Study would be required.
  - Use of the Fee Study as the basis for additional costs would require using the same methodology.
  - Additional budget needs would be applied to the methodology to achieve a higher rate per irrigated acre.

# Base Charge Justification

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- As shown below, the base charge can be calculated by charging all groundwater-using parcels for costs related to State-mandated requirements.

	Total Costs
<b>Operational Budget</b>	
Annual Report Development	\$ 35,000
Data Management System Maintenance	\$ 10,000
GSP Period Update (5-Year Update)	\$ 50,000
Collection of Monitoring Network Data	\$ 25,000
<i>Budget to Base Charge:</i> \$ <b>120,000</b>	

# Base Charge – Variable Rates

Base Charge - All GW-Using Parcels				
Property Type	Rates Per Parcel	Total GW-Using Parcels	% of Parcels	Total Revenue
<b>Residential Parcels</b>		4,287	82%	\$99,373
<i>Base Charge:</i>	\$23.18			
<b>Commercial / Industrial Parcels</b>		78	1%	\$2,318
<i>Base Charge:</i>	\$29.72			
<b>Agricultural Parcels</b>		886	17%	\$19,190
<i>Base Charge</i>	\$21.00			
<i>Base Charge With Residence</i>	\$23.18			
<b>Total Agricultural Parcels:</b>		<b>886</b>		
<b>Totals, All GW-Using Parcels:</b>		<b>5,251</b>	<b>100%</b>	<b>\$120,881</b>

# Base Charge Alternative – Uniform Rates

Base Charge - All GW-Using Parcels				
Property Type	Rates Per Parcel	Total GW-Using Parcels	% of Parcels	Total Revenue
<b>Residential Parcels</b>		4,287	82%	\$98,601
<i>Base Charge:</i>	\$23.00			
<b>Commercial / Industrial Parcels</b>		78	1%	\$1,794
<i>Base Charge:</i>	\$23.00			
<b>Agricultural Parcels</b>		886	17%	\$20,378
<i>Base Charge</i>	\$23.00			
<i>Base Charge With Residence</i>	\$23.00			
<b>Total Agricultural Parcels:</b>		<b>886</b>		
<b>Totals, All GW-Using Parcels:</b>		<b>5,251</b>	<b>100%</b>	<b>\$120,773</b>



# Public Water System Fee

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- The charge per acre foot has been updated according to the updated budget projection, as shown below:

$$\frac{\$482,653}{110,625 \text{ AF}} = \$4.36$$

# Public Water System Fee

Groundwater Extraction of Public Water Systems in the Cosumnes Subbasin										
As Provided by Electronic Annual Reports (SWRCB)								Average Extraction (AF)	Revenue	
Name	PWS ID	Estimated Population	Reported Annual GW Extarction (AF)					5-Year Rolling	Rate Per AF	Revenue
			2018	2019	2020	2021	2022			
Hope Foundation/Moriah Heights	CA0300062	30	27.46		47.60	27.51	33.99	34.14	\$4.36	\$148.94
Ione Band of Miwok Indians	CA0300078	62	5.90		5.93	7.49	7.78	6.77	\$4.36	\$29.56
MP Associates, Inc.	CA0300524	170	0.15	0.14	0.06	0.08	0.12	0.11	\$4.36	\$0.47
Camanche North Shore Inc	CA0310008	255	51.33	52.24	59.18	58.93	52.72	54.88	\$4.36	\$239.44
AWA - Camanche Village	CA0310021	2,384	239.89	244.06	262.31	258.69	244.06	249.80	\$4.36	\$1,089.880
Laguna Del Sol Inc	CA3400181	470	0.00	0.00	0.00	23.92	23.61	9.51	\$4.36	\$41.47
Rancho Seco NGS (SMUD)	CA3400232	27.00	1.00	0.35	0.39	0.23	0.61	0.51	\$4.36	\$2.25
Dillard Elementary School	CA3400254	350	1.74	1.67	1.30	12.83	14.54	6.42	\$4.36	\$27.99
Arcohe Elem School - Main Campus	CA3400271	465	0.00	0.94	0.10	0.00		0.26	\$4.36	\$1.13
Wilton Bible Church	CA3400273	125	0.13	0.13	0.09	0.12	0.12	0.12	\$4.36	\$0.51
Rancho Seco Park	CA3400302	40	4.88	7.18	7.11	8.88	9.39	7.49	\$4.36	\$32.67
Cosumnes River Preserve Visitor	CA3400432	300	0.36	0.31	0.21	0.13	0.22	0.25	\$4.36	\$1.08
Church of Latter Day Saints, Galt	CA3400460	800			0.03	1.14	1.14	0.77	\$4.36	\$3.35
River City Recovery Center, Inc	CA3400464	60			0.01	0.02	0.01	0.01	\$4.36	\$0.06
City of Galt	CA3410011	26,536	4,500.91	4,266.45	4,780.04	4,602.85	4,313.46	4,492.74	\$4.36	\$19,601.67
RANCHO DEL ORO MHP	CA0300053	44	8.50	8.69	7.63	6.84	5.65	7.46	\$4.36	\$32.56
Richard A. Mcgee Training Center	CA3410802	300	42.55	39.54	31.69	33.10	19.21	33.22	\$4.36	\$144.93
<b>Totals:</b>								<b>4,904</b>	<b>\$21,398</b>	

# Irrigated Acreage Fee

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Irrigated Acreage Fee			
Revenue Type	Rate Per Irrigated Acre	Total Irrigated Acres (Both Counties)	Revenue
<b>Irrigated Acreage Fee</b>	<b>\$7.55</b>	45,014	<b>\$339,859</b>

# Revenue Structure, All Sources

Base Charge - All GW-Using Parcels				
Property Type	Rates Per Parcel	Total GW-Using Parcels	% of Parcels	Total Revenue
<b>Residential Parcels</b>		4,287	82%	\$99,373
<i>Base Charge:</i>	\$23.18			
<b>Commercial / Industrial Parcels</b>		78	1%	\$2,318
<i>Base Charge:</i>	\$29.72			
<b>Agricultural Parcels</b>		618	17%	\$19,190
<i>Base Charge</i>	\$21.00			
<i>Base Charge With Residence</i>	\$23.18			
<b>Total Agricultural Parcels:</b>		<b>886</b>		
<b>Totals, All GW-Using Parcels:</b>		<b>5,251</b>	<b>100%</b>	<b>\$120,881</b>

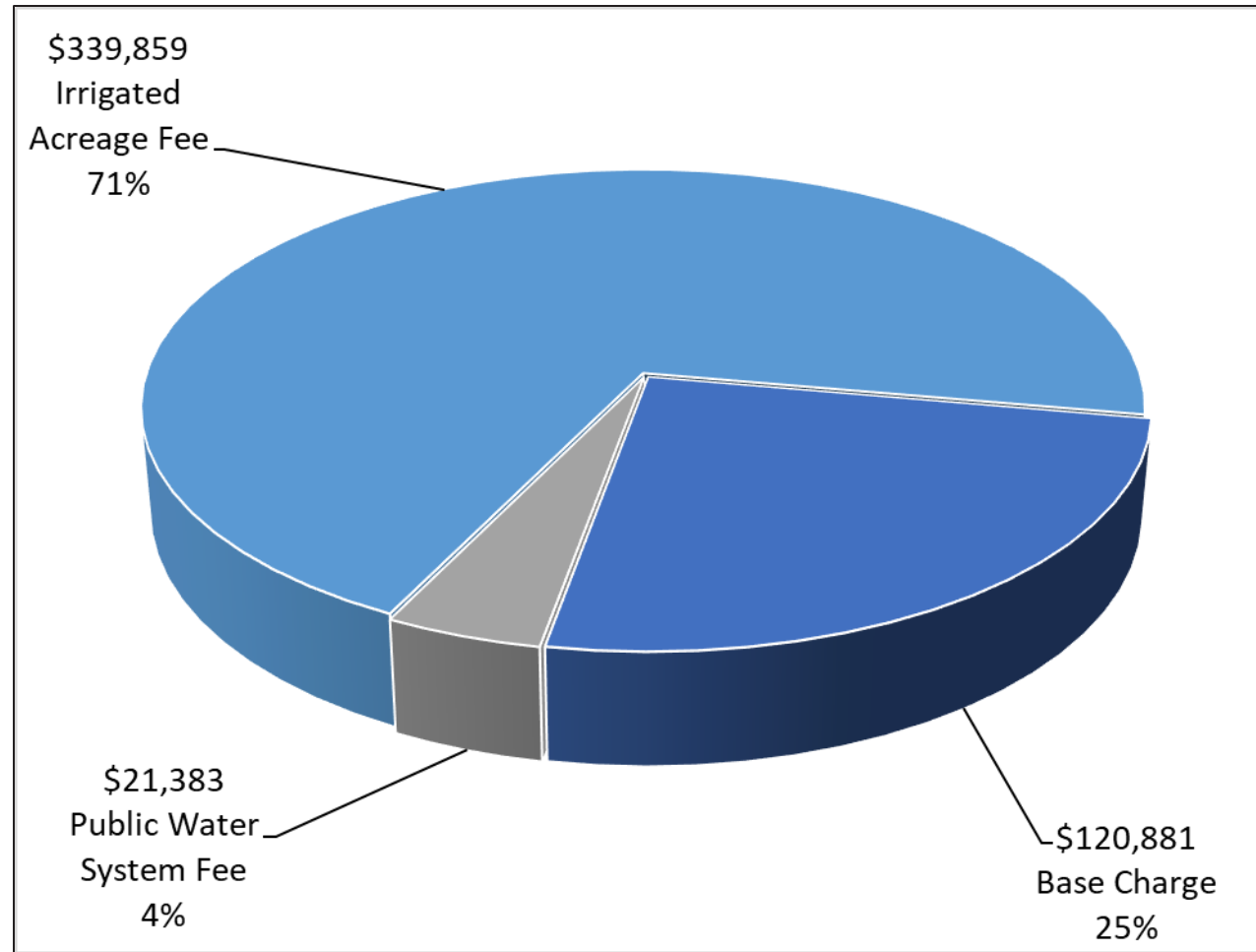
Public Water Systems - Extraction Rate			
Revenue Type	Rate Per AF Extracted	Average AF Extracted Annually	Revenue
<b>Public Water Systems</b>	\$4.36	4,904	<b>\$21,383</b>

Irrigated Acreage Fee			
Revenue Type	Rate Per Irrigated Acre	Total Irrigated Acres (Both Counties)	Revenue
<b>Irrigated Acreage Fee</b>	\$7.55	45,014	<b>\$339,859</b>

Total Revenue, All Sources: **\$482,124**

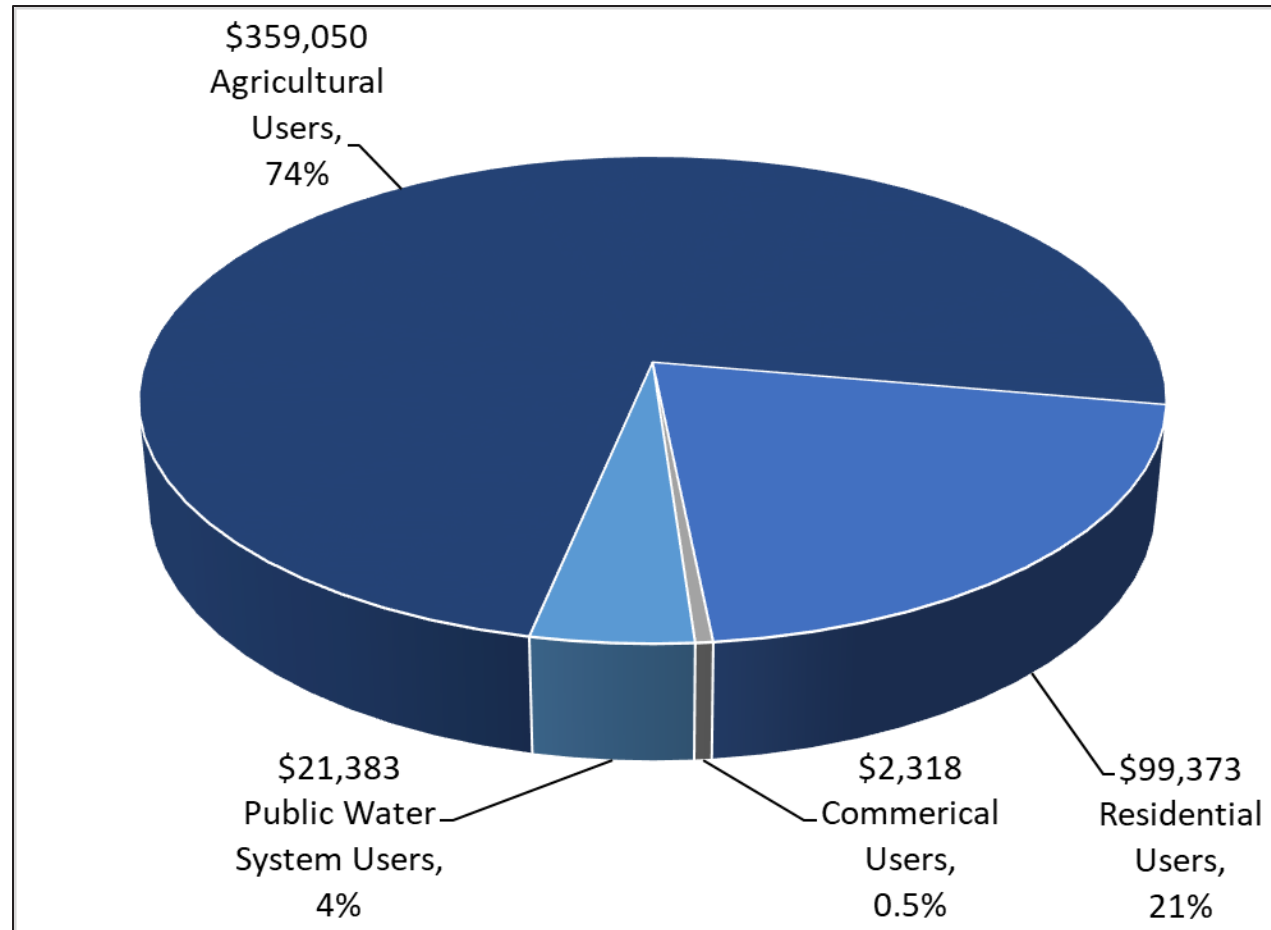
# Revenue Structure by Charge Type

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# Revenue by Groundwater User Class

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# Base Charge Revenue by GSA

Groundwater Using Parcels By GSA						
GSA	Residential Parcels	Commercial Parcels	Agricultural Parcels	Agricultural Parcels with a Residence	Total Parcels	Total Revenue
Amador GSA	169	11	1	63	244	\$5,726
City of Galt	17	0	0	0	17	\$394
Clay WD	11	2	17	6	36	\$811
Galt ID	1,845	32	322	98	2,297	\$52,752
Omochumne Hartnell WD	291	3	54	26	374	\$8,571
Sacramento County GSA	167	8	56	24	255	\$5,841
Sloughhouse RCD	1,787	22	168	51	2028	\$46,787
Totals:	4,287	78	618	268	5,251	<b>\$120,881</b>

# Public Water System Revenue by GSA

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Public Water System Fees By GSA	
GSA	Total Charge For Public Water Systems
Amador County GSA	\$1,541
City of Galt GSA	\$19,605
Clay Water District GSA	\$0
Galt Irrigation District GSA	\$1
Omochumne Hartnell Water District GSA	\$41
Sacramento County GSA	\$146
Sloughhouse Resource Conservation District GSA	\$63
Totals:	<b>\$21,398</b>



# Irrigated Acreage Fee Revenue by GSA

Irrigated Acreage Fee By GSA				
GSA	Number of Parcels with Irrigated Acreage	Irrigated Acreage	Rate	Revenue
Amador GA	2	600	\$7.55	\$4,530.00
City of Galt	0	0	\$7.55	\$0.00
Clay WD	28	2,217	\$7.55	\$16,741.97
Galt ID	689	17,405	\$7.55	\$131,407.75
Omochumne Hartnell WD	149	2,867	\$7.55	\$21,645.85
Sacramento County GSA	94	6,809	\$7.55	\$51,407.95
Sloughhouse RCD	327	15,116	\$7.55	\$114,125.80
Totals:	1,289	45,014		<b>\$339,859</b>

# Total Cost Allocation by GSA

Total Revenue By GSA, All Sources					
GSA	Base Charge Revenue	Irrigated Acre Revenue	PWS Revenue	Total Revenue	% of Total Revenue
Amador GSA	\$5,725.68	\$4,530.00	\$1,540.85	\$11,796.53	2%
City of Galt	\$394.06	\$0.00	\$19,605.02	\$19,999.08	4%
Clay WD	\$810.50	\$16,741.97	\$0.00	\$17,552.47	4%
Galt ID	\$52,751.78	\$131,407.75	\$1.20	\$184,160.73	38%
Omochumne Hartnell WD	\$8,571.22	\$21,645.85	\$41.47	\$30,258.54	6%
Sacramento County GSA	\$5,841.14	\$51,407.95	\$146.01	\$57,395.10	12%
Sloughhouse RCD	\$46,786.68	\$114,125.80	\$63.41	\$160,975.89	33%
Totals:	<b>\$120,881</b>	<b>\$339,859</b>	<b>\$21,398</b>	<b>\$482,138</b>	<b>100%</b>

# Looking Forward – Fee Study Needs

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- Confirmation of fee structure, including allocation of costs across user classes and GSAs.
  - Budget, base charge, PWS fee, and irrigated acreage fee.
- Updated Amador County parcel layer.
  - Final determination of Amador irrigated acreage.
- Final determination of GW-using parcels within City of Galt GSA
  - Final determination of City of Galt irrigated acreage.

# Fee Implementation

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- Each GSA should discuss implementation with their respective legal counsel.
- Any additional charges on top of fee study rate will require a brief addendum.
  - Details related to additional costs.
  - Tie-in to fee study.
- If property related fees are selected, plan for allowance for the 45-day mailed notice period and protest hearing (Prop 218).
- If regulatory fees are selected, plan for allowance for 20-day mailed notice period and community meeting (Prop 26).
  - Regulatory fees can be used for both administrative costs and non-capital projects (management actions).
  - Regulation of de minimis users pursuant to GSP required.

# Community Outreach

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- Community meetings
  - Potentially held after draft fee study provided to Board.
  - Overview of methodology and funding purpose.
  - Explanation of GSA implementation and potential addendums / adjusted rates.

# Fee Study Timeline – 2024 Implementation

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**April –  
September  
2023:**

Continued fee refinement and community engagement

**Fall 2023:**

Reconvene for Fee Study Board Workshop

**November-  
February  
2024:**

Community Outreach

**March 2024:**

Draft Fee Report presented to Board

**April 2024:**

Final Fee Report presented to Board

# Cosumnes Groundwater Authority

Thank You!

