

Cosumnes Groundwater Authority

Fee Implementation Memorandum


October 4th, 2023



Agenda

- I. Review Fee Structure
 - a) Projected Budget
 - b) Base Charge Fee
 - c) Public Water System Fee
 - d) Irrigated Acreage Fee
- II. Review Revenue Summary
 - I. Revenue by groundwater user class
 - II. Cost allocation by GSA
- III. Looking forward
 - a) Discussion of fee study needs
 - b) Current Tasks
 - c) Fee implementation

Implementation Memo Objectives

- To review the fee structure currently being considered for the Cosumnes Subbasin, including preliminary rates and budget.
 - To provide an overview of the fee implementation process being considered for calendar year 2024, for placement of charges on fiscal year 2024-25 tax bills.
 - To outline the preliminary allocation of costs across the Authority's member agency GSAs.
 - To provide information in support of the Authority's planned outreach and engagement efforts in the Winter of 2023-24.
- 

Revenue Needs

Projected Five-Year Budget

Cosumnes Groundwater Authority Projected Five-Year Budget					
Budget Category / Task	Year 1	Year 2	Year 3	Year 4	Year 5
	2024-25	2025-26	2026-27	2027-28	2028-29
Operational Budget					
Legal	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Financial Audit	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Personnel	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000
Outreach and Engagement	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Miscellaneous	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Appeals	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Contingency	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Annual Report	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
Monitoring	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Data Management System (DMS)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
<i>Administrative Subtotal</i>	\$ 328,000	\$ 328,000	\$ 328,000	\$ 328,000	\$ 328,000
Project and Management Action (PMA) Budget					
Project Management	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
GSP Update	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Conservation Program	\$ 272,000	\$ 272,000	\$ 272,000	\$ 272,000	\$ 272,000
ET Weather Stations	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 135,000
<i>PMA Subtotal</i>	\$ 477,000	\$ 477,000	\$ 477,000	\$ 477,000	\$ 477,000
Total Expenses	\$ 805,000	\$ 805,000	\$ 805,000	\$ 805,000	\$ 805,000

Base Charge Justification

	Total Costs	Fixed Costs
Administrative Budget		
Legal	\$ 30,000	\$ 25,000
Financial Audit	\$ 15,000	\$ 15,000
Personnel	\$ 175,000	\$ 112,000
Outreach and Engagement	\$ 10,000	\$ 6,000
Miscellaneous	\$ 3,000	\$ 3,000
Appeals	\$ 20,000	\$ 7,000
Contingency	\$ 10,000	\$ 8,575
Annual Report	\$ 35,000	\$ 35,000
Monitoring	\$ 20,000	\$ 10,000
Data Management System (DMS)	\$ 10,000	\$ 2,000
<i>Administrative Subtotal</i>	\$ 328,000	\$ 223,575

Base Charge

Base Charge - All GW-Using Parcels				
Property Type	Rates Per Parcel	Total GW-Using Parcels	% of Parcels	Total Revenue
Residential Parcels		4,287	81%	\$182,798
<i>Base Charge:</i>	\$42.64			
Commercial / Industrial Parcels		78	1%	\$4,178
<i>Base Charge:</i>	\$53.56			
Agricultural Parcels		689	17%	\$36,593
<i>Base Charge</i>	\$39.00			
<i>Base Charge With Residence</i>	\$42.64			
Total Agricultural Parcels:		917		
Totals, All GW-Using Parcels:		5,282	100%	\$223,568

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 Extraction (AF)					5-Year Rolling	Rate Per AF	Revenue	
			2018	2019	2020	2021	2022				
Hope Foundation/Moriah Heights	CA0300062	30	27.45		47.60	27.51	55.99	34.14	\$7.28	\$248.53	
lone Band of Miwok Indians	CA0300078	62	5.90		5.93	7.49	7.78	6.77	\$7.28	\$49.32	
MP Associates, Inc.	CA0300524	170	0.15	0.14	0.06	0.08	0.12	0.11	\$7.28	\$0.79	
Camanche North Shore Inc	CA0310008	255	51.33	52.24	59.18	58.93	52.72	54.88	\$7.28	\$399.52	
AWA - Camanche Village	CA0310021	2,384	239.89	244.06	262.31	258.69	244.06	249.80	\$7.28	\$1,818.565	
Laguna Del Sol Inc	CA3400181	470	0.00	0.00	0.00	23.92	23.61	9.51	\$7.28	\$69.20	
Rancho Seco NGS (SMUD)	CA3400232	27.00	1.00	0.35	0.39	0.23	0.61	0.51	\$7.28	\$3.75	
Dillard Elementary School	CA3400254	350	1.74	1.67	1.30	12.83	14.54	6.42	\$7.28	\$46.71	
Arcohe Elem School - Main Campus	CA3400271	465	0.00	0.94	0.10	0.00		0.26	\$7.28	\$1.89	
Wilton Bible Church	CA3400273	125	0.13	0.13	0.09	0.12	0.12	0.12	\$7.28	\$0.85	
Rancho Seco Park	CA3400302	40	4.88	7.18	7.11	8.88	9.39	7.49	\$7.28	\$54.51	
Cosumnes River Preserve Visitor	CA3400432	300	0.36	0.31	0.21	0.13	0.22	0.25	\$7.28	\$1.81	
Church of Latter Day Saints, Galt	CA3400460	800			0.03	1.14	1.14	0.77	\$7.28	\$5.59	
River City Recovery Center, Inc	CA3400464	60			0.01	0.02	0.01	0.01	\$7.28	\$0.10	
City of Galt	CA3410011	26,536	4,500.91	4,266.45	4,780.04	4,602.85	4,313.46	4,492.74	\$7.28	\$32,707.17	
RANCHO DEL ORO MHP	CA0300053	44	8.50	8.69	7.63	6.84	5.65	7.46	\$7.28	\$54.33	
Richard A. Mcgee Training Center	CA3410802	300	42.55	39.54	31.69	33.10	19.21	33.22	\$7.28	\$241.82	
Totals:								4,904	\$35,704		

Irrigated Acreage Fee

Irrigated Acreage Fee			
Revenue Type	Rate Per Irrigated Acre	Total Irrigated Acres (Both Counties)	Revenue
Irrigated Acreage Fee	\$11.25	48,551	\$546,199

Revenue Structure, All Sources

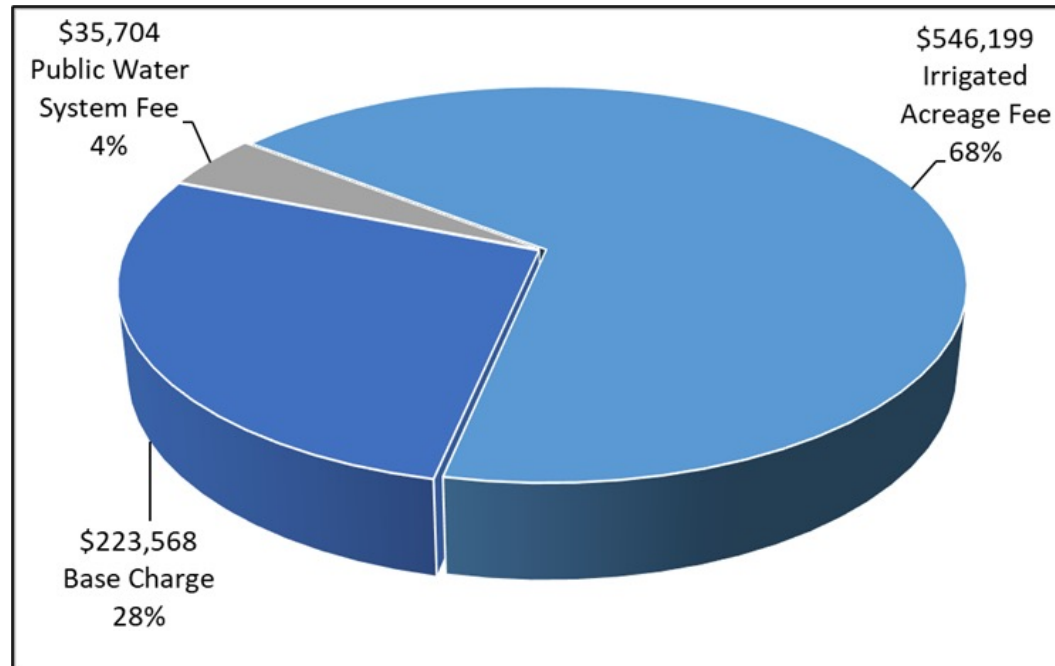
Base Charge - All GW-Using Parcels				
Property Type	Rates Per Parcel	Total GW-Using Parcels	% of Parcels	Total Revenue
Residential Parcels		4,287	81%	\$182,798
<i>Base Charge:</i>	\$42.64			
Commercial / Industrial Parcels		78	1%	\$4,178
<i>Base Charge:</i>	\$53.56			
Agricultural Parcels		689	17%	\$36,593
<i>Base Charge</i>	\$39.00			
<i>Base Charge With Residence</i>	\$42.64			
Total Agricultural Parcels:		917		
Totals, All GW-Using Parcels:		5,282	100%	\$223,568

Public Water Systems - Extraction Rate			
Revenue Type	Rate Per AF Extracted	Average AF Extracted Annually	Revenue
Public Water Systems	\$7.28	4,904	\$35,704

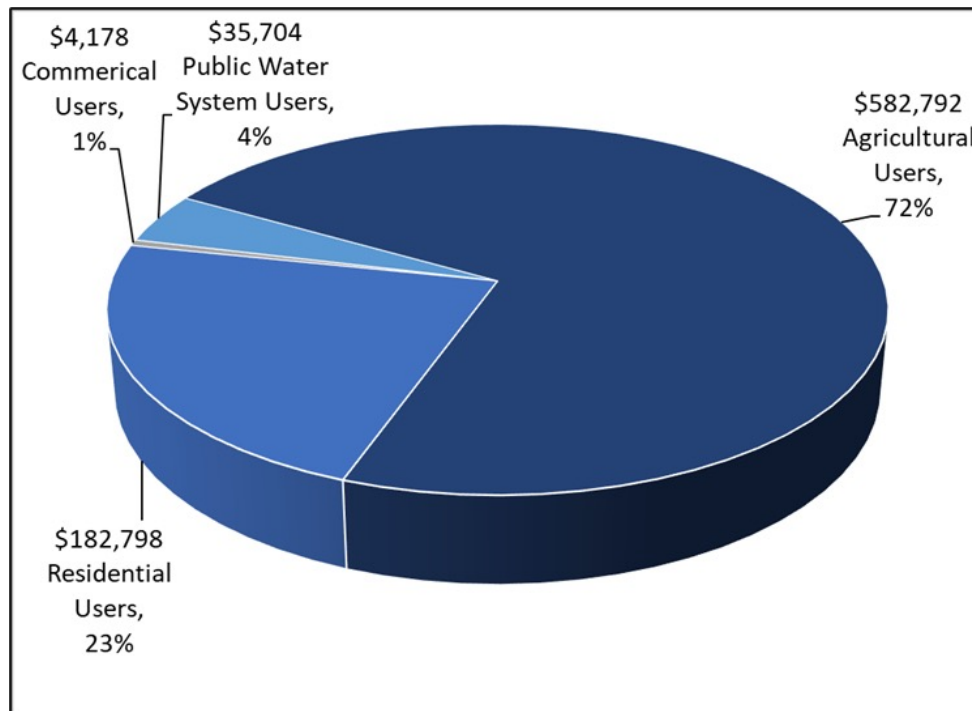
Irrigated Acreage Fee			
Revenue Type	Rate Per Irrigated Acre	Total Irrigated Acres (Both Counties)	Revenue
Irrigated Acreage Fee	\$11.25	48,551	\$546,199

Total Revenue, All Sources:	\$805,471
Administrative Revenue:	\$328,000
Project Revenue:	\$477,471

Revenue Structure by Charge Type



Revenue by Groundwater User Class



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	72	23	275	\$11,584
City of Galt	17	0	0	0	17	\$725
Clay WD	11	2	17	6	36	\$1,495
Galt ID	1,845	32	322	98	2,297	\$97,121
Omochumne Hartnell WD	291	3	54	26	374	\$15,784
Sacramento County GSA	167	8	56	24	255	\$10,757
Sloughhouse RCD	1,787	22	168	51	2028	\$86,103
Totals:	4,287	78	689	228	5,282	\$223,568

Public Water System Revenue by GSA

Public Water System Fees By GSA	
GSA	Total Charge For Public Water Systems
Amador County GSA	\$2,571
City of Galt GSA	\$32,713
Clay Water District GSA	\$0
Galt Irrigation District GSA	\$2
Omochumne Hartnell Water District GSA	\$69
Sacramento County GSA	\$244
Sloughhouse Resource Conservation District GSA	\$106
Totals:	\$35,704

Irrigated Acreage Fee Revenue by GSA

Irrigated Acreage Fee By GSA				
GSA	Number of Parcels with	Irrigated Acreage	Rate	Revenue
Amador GA	107	4,137	\$11.25	\$46,540.46
City of Galt	0	0	\$11.25	\$0.00
Clay WD	28	2,217	\$11.25	\$24,946.65
Galt ID	689	17,405	\$11.25	\$195,806.25
Omochumne Hartnell WD	149	2,867	\$11.25	\$32,253.75
Sacramento County GSA	94	6,809	\$11.25	\$76,601.25
Sloughhouse RCD	327	15,116	\$11.25	\$170,055.00
Totals:	1,394	48,551		\$546,203


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	\$11,584.04	\$46,540.46	\$2,571.05	\$60,695.56	8%
City of Galt	\$724.88	\$0.00	\$32,712.76	\$33,437.64	4%
Clay WD	\$1,495.00	\$24,946.65	\$0.00	\$26,441.65	3%
Galt ID	\$97,121.44	\$195,806.25	\$2.00	\$292,929.69	36%
Omochumne Hartnell WD	\$15,783.56	\$32,253.75	\$69.20	\$48,106.51	6%
Sacramento County GSA	\$10,756.72	\$76,601.25	\$243.63	\$87,601.60	11%
Sloughhouse RCD	\$86,102.64	\$170,055.00	\$105.81	\$256,263.45	32%
Totals:	\$223,568	\$546,203	\$35,704	\$805,476	100%

Looking Forward – Fee Study Needs

- Confirmation of fee structure, including allocation of costs across user classes and GSAs
 - Parcel fee, PWS fee, and irrigated acreage fee
- Identification of specific PMAs to be funded by the fees
 - Conservation program and ET station installation currently being considered
- Updated Amador parcel layer
- Determination of Amador irrigated acreage
- Determination of GW-using parcels within City of Galt GSA
- Determination of aquaculture approach
 - Currently only charged Base Charge at the commercial rate
- Determination of recreational pond approach
 - Potentially charged irrigated acreage rate for surface area

Current SCI Team Tasks

- Updating irrigated acreage based on 2020 DWR crop layer
 - Refining Irrigated acreage within Amador County GSA
 - Refining Irrigated acreage within City of Galt GSA
 - Calculating surface area of recreational ponds
- 

Fee Implementation

- Each GSA should discuss implementation with their respective legal counsel
- Any additional charges on top of fee study rate will likely require 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
 - Regulation of de minimis users pursuant to GSP required

Fee Study Timeline – 2024 Implementation

**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!

