



DRAFT

FY 2024-2025 GROUNDWATER EXTRACTION FEE REPORT

CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY

TABLE OF CONTENTS

1. Acronyms.....	3
2. Definitions	3
3. Cuyama Basin Groundwater Sustainability Agency Background	3
4. Establishing a Fee	3
4.1. Definition of an “Extractor”	3
4.2. Fee basis	4
5. Administration of fee	4
5.1. Invoices.....	4
5.2. Schedule/Reporting Period	5
6. Penalties	5
Exhibits:	
Exhibit A – Fiscal Year 2024-2025 Budget.....	6
Exhibit B – Crop Factors.....	9

SECTION 1 – ACRONYMS

AF	Acre-feet
CBGSA	Cuyama Basin Groundwater Sustainability Agency
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
SGMA	Sustainable Groundwater Management Act

SECTION 2 – DEFINITIONS

De Minimis User – Commercial

Uses 1.5 acre-feet or less in a year per well. De minimis users do not have to pay a fee.

De Minimis User – Domestic (Non-Commercial)

Uses 2 acre-feet or less in a year per well. De minimis users do not have to pay a fee.

SECTION 3 – CUYAMA BASIN GROUNDWATER SUSTAINABILITY AGENCY BACKGROUND

The Cuyama Basin Groundwater Sustainability Agency (CBGSA) was formed in 2017 under the Sustainable Groundwater Management Act (SGMA) to develop and implement a Groundwater Sustainability Plan (GSP). The purpose of the GSP is to achieve groundwater sustainability for the Cuyama Basin by 2040. The CBGSA is governed by an 11-member board with representatives from the four counties that intersect the Basin (Kern, Santa Barbara, San Luis Obispo, and Ventura), the Cuyama Community Services District, and the Cuyama Basin Water District.

SECTION 4 – ESTABLISHING A FEE

Water Code section 10730 authorizes Groundwater Sustainability Agencies (GSAs) to establish a groundwater extraction fee to fund, among other things, the costs of a groundwater management program, including administration of a GSP. The CBGSA has set the fee over the Fiscal Year 2024-2025 period and is based on (i) the CBGSA’s draft budget and cash flow for Fiscal Year 2024-2025; and (ii) 2023 water use.

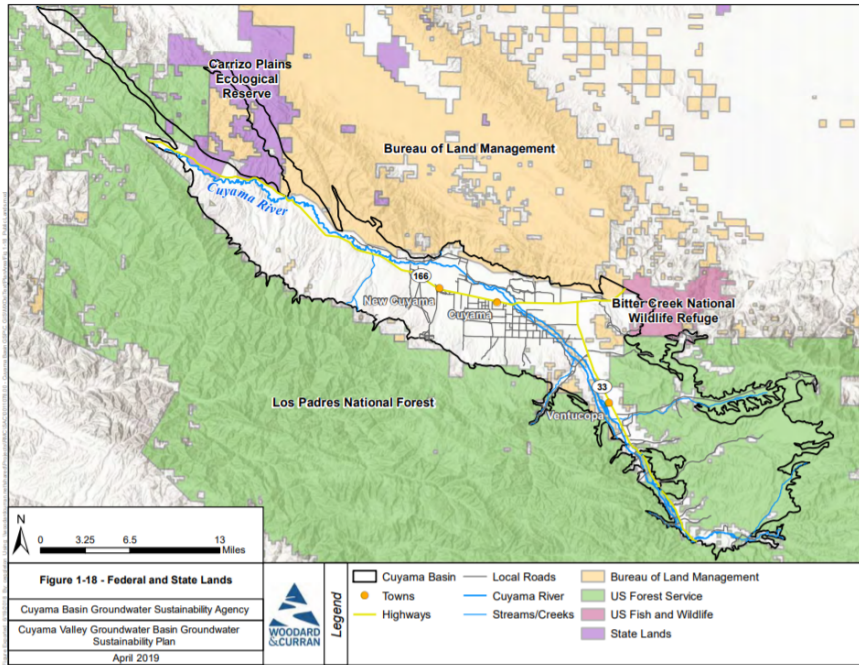
Section 4.1 – Definition of an “Extractor”

An extractor is defined as a pumper of groundwater within the Cuyama Basin groundwater basin boundary as defined by California Department of Water Resources’ Bulletin 118 (see Figure 1 below). The below groups are not considered extractors:

Exclusions:

- De minimis user – Wells that use 1.5 acre-feet or less per year for commercial purposes, or wells that use less than 2 acre-feet per year for residential purposes. De minimis users do not have to pay a fee.
- State and federal lands – Non-commercial water use on State and federal lands. Well use on State and federal lands do not have to pay a fee.

FIGURE 1 – GROUNDWATER BASIN IN CUYAMA



Section 4.2 – Fee Basis

The proposed reduction of the groundwater extraction fee is based on the CBGSA’s fiscal year budget and cash flow. The budget and cash flow for Fiscal Year 2024-2025 will be presented for consideration of adoption at the May 1, 2024 regular meeting of the CBGSA Board of Directors. The draft budget for Fiscal Year 2024-2025 totals \$1.91 million. \$1.64 million represents costs reimbursable through the California Department of Water Resources Sustainable Groundwater Management Act Implementation Grant and \$270,194 represents costs not reimbursable by the grant. The draft budget for Fiscal Year 2024-2025 is attached hereto as Exhibit “A.” While the current budget total is subject to change, CBGSA does not anticipate the total budget amount to exceed \$1.91 million.

Water use was based on (1) user-reported metered data from calendar year 2023, and (2) small pumpers (water users using less than 25 acre-feet annually) are not required to install meters, and thus, they report water use based on evapotranspiration crop factors developed by a Cal Poly Irrigation Training & Research Center (ITRC) as shown in Forms I and M included as Exhibit B which include a conversion factor to estimate the gross water use consistent with the metered data reporting methodology. The 2023 water use estimate totals 35,000 acre-feet and is used as the basis for the reduction of this fee.

Fee Recommendation

Based on (1) the Fiscal Year 2024-2025 budget and cash flow, and (2) user-reported 2023 water use data, the CBGSA recommends a reduction of the basin-wide groundwater extraction fee to \$5 per acre-foot.

Section 5 – ADMINISTRATION OF FEE

Section 5.1 – Invoices

Invoices and instructions for payment will be sent to water users in May 2024 and will be based on the 2023 water use previously reported by Cuyama extractors. If payments are not received by the due date of June 30, 2024, a past due notice will be mailed in July 2024 and late penalties will apply (see section 6 below).

Section 5.2 – Schedule/Reporting period

The below schedule outlines the groundwater extraction fee process:

May 1, 2024	Fiscal Year Budget Adopted and Public Hearing to Establish Fee
May 17, 2024	Invoices and Forms are Mailed Out
May-June 2024	Payment Collection Period
June 30, 2024	Payment Due Date
July 1, 2024	Late penalties assessed (10% and then 1% per month)

SECTION 6 – PENALTIES

Well owners will be charged a 10 percent penalty after the June 30, 2024 due date with an escalation rate of 1 percent for each month late after the initial due date.

Exhibit A
FISCAL YEAR 2024-2025 BUDGET

DRAFT

DRAFT CBGSA FISCAL YEAR 2024-2025 BUDGET

A		B	
CATEGORY		3-Yr Grant Funded	2024-25 Budget
A HALLMARK GROUP			
1	CBGSA Board of Directors Meetings	Y	\$ 110,990
2	Consultant Management and GSP Implementation	Y	\$ 73,578
3	Financial Information Coordination	Y	\$ 47,587
4	Cuyama Basin GSA Outreach	Y	\$ 11,847
5	Annual Groundwater Extraction Fee	Y	\$ 5,830
6	Prepare 5-Year GSP Update	Y	\$ 20,131
7	Central Management Area Support	Y	\$ 13,005
8	Adjudication Discussions	Y	\$ 2,138
9	Enforcement for Un-reported Water User	N	\$ 25,400
10	Well Permit Review	N	\$ 2,000
11	Other Direct Charges (Mileage, conference lines, copies)	N	\$ 4,894
		Subtotal	\$ 317,400
B LEGAL			
1	General Legal Counsel	Y	\$ 250,000
		Subtotal	\$ 250,000
C ADMIN			
1	Audit (FY 23-24)	N	\$ 10,000
2	Insurance (D&O, General Liability)	N	\$ 17,000
3	California Association of Mutual Water Co. Membership	N	\$ 200
4	2024 Updated Parcel Data	N	\$ 4,000
5	Contingency	N	\$ 20,000
		Subtotal	\$ 51,200
D WOODARD & CURRAN & TECHNICAL			
1	Grant Proposals	N	\$ 44,100
2	Stakeholder/Board Engagement		
3	SAC meetings	Y	\$ 28,350
4	Board meetings	Y	\$ 42,000
5	Board Ad-hoc calls	Y	\$ 16,800
6	Tech Forum calls (new item)	Y	\$ 10,500
7	Public Workshops	Y	\$ 16,800
8	Outreach		
9	General, Newsletter Development, etc.	Y	\$ 15,750
10	Website Updates - Maintenance / Hosting	Y	\$ 7,000
11	Well Permit Review	N	\$ 12,600
12	Support for DWR Technical Services (TSS) and Enforce Well Pumpers	N	\$ 21,000
13	GSP Implementation Support		
14	GSP Implementation Program Management	Y	\$ 57,750
15	GW Levels and GWQ Monitoring Network Coordination and Data Mgmt - W&C	Y	\$ 21,000
16	DMS Ongoing Maintenance and Enhancements	Y	\$ 26,250
17	Support for Adaptive Management of Groundwater Levels	Y	\$ 52,500
18	Prepare Annual Report for Cuyama Basin	Y	\$ 47,250
19	Meter Implementation - Ongoing Support	Y	\$ 10,500
20	Grant Admin (SGM Round 1)	Y	\$ 105,000
21	Perform Monitoring and Monitoring Network Enhancements		
22	Install Transducers	N	\$ 67,000
23	Improve Understanding of Basin Water Use		

CATEGORY		3-Yr Grant Funded	2024-25 Budget
24	Perform Updated Land Use Survey (Update Annual Land Use)	Y	\$ 21,000
25	Enhance Existing CIMIS Station & Implement New Stations (Including O&M)	Y	\$ 54,600
26	Project & Management Action Implementation		
27	Pumping Allocation Implementation	Y	\$ 52,500
28	Analysis of Management Action Implementation Options	Y	\$ 50,400
29	Precipitation Enhancement Feasibility Study	Y	\$ 31,500
30	GSP Implementation, Outreach, and CBGSA Management		
31	Develop GSP Periodic Evaluation	N	\$ 42,000
32	5-year GSP Update (e.g. ISW guidance)	Y	\$ 309,803
		Subtotal	\$ 1,163,953
E OTHER TECHNICAL			
1	Quarterly GW Levels and Piezometer Monitoring (Contractor TBD)	Y	\$ 43,000
2	Annual WQ Monitoring (Contractor TBD)	Y	\$ 25,000
3	Annual Stream Gauge Maintenance (USGS)	Y	\$ 56,650
		Subtotal	\$ 124,650
Grant Funded			\$ 1,637,009
CBGSA Funded (Non Grant-Eligible Costs)			\$ 270,194
TOTAL			\$ 1,907,203

Exhibit B
CROP FACTORS

DRAFT



Form I IRRIGATOR

WATER USE ESTIMATE WORKSHEET – 2023
Cuyama Basin Groundwater Sustainability Agency

Name _____

Billing Address _____

Phone / Email _____

Instructions:

1. For 2023, input crop name(s)¹ in column A, the parcels those acres are farmed on in column B, the irrigated acres in column C, and the corresponding crop factors from the attached Exhibit C-1 in column D.
2. Multiply acres (column C) by the crop factor (column D) and input result in column E.
3. Total the acre-feet from column E in row 2.
4. Convert net water use (from row 2) to gross water use by multiplying total acre-feet from row 2, column E by the gross factor in row 3, column E and insert in row 4, column E.

	A	B	C	D	E
	Crop Name	Assessor Parcel Number(s) (APN) ²	Acres	Crop Factor	Water Use (acre-feet)
1			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
			X		=
2	Total Acre-feet (sum column E)				
3	Gross Conversion Factor				1.52
4	Total Gross Water Use				

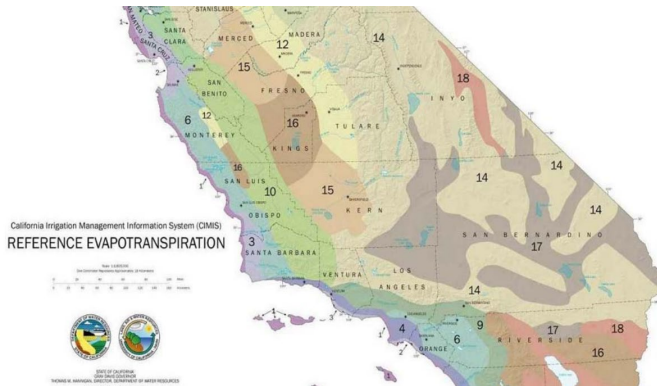
¹If you have metered water use that is less than the crop factors, you can report metered water use.
²Cropping location information may be provided separately from this form. Please contact Taylor Blakslee at 661-477-3385, or tblakslee@hgcpm.com for any questions.

Exhibit I-1 – Crop Factors

Source Information

Crop Factors are evapotranspiration (ET) values from California Polytechnic State University’s Irrigation Training and Research Center (ITRC) California Crop and Soil Evapotranspiration Report (Crop Report), ITRC Report No. R 03-001 accessible at www.itrc.org/reports/pdf/californiacrop.pdf.

The below values were calculated using ET reference averages for zone 10 from the Crop Report (see below figure).



Avg Annual Reference ET by Zone (inches/yr)

Zone	Total
1	33.0"
2	39.0"
3	46.3"
4	45.5"
5	43.9"
6	49.7"
7	43.4"
8	49.4"
9	55.1"
10	49.1"
11	53.0"
12	53.3"
13	54.3"
14	57.0"
15	57.0"
16	62.5"
17	66.5"
18	71.3"

Crop Factors

Crop	ET	Crop	ET
Alfalfa Hay	4.02	Melon, Radish, Squash, & Cucumbers	1.62
Alfalfa Seed, Sudan	3.60	Olives, Mature	3.27
Almonds	3.32	Olives, Deficit	2.58
Apples ¹ (Drip)	2.50	Onions and Garlic	1.99
Apples, Pear, Cherry, Plum, and Prune	3.33	Permanent Pasture	3.93
Barley Wheat, Oats	1.97	Pistachios	2.99
Blackeyed Peas	1.97	Potatoes	3.00
Carrots	2.20	Rootstock	2.23
Corn	2.43	Sorghum Grain	2.43
Cotton	2.70	Sugar Beets	2.70
Citrus	3.45	Tomatoes	2.20
Grapes with 40% cover crop	1.56	Walnuts	3.53
Grapes with 60% cover crop	2.02	Cannabis ²	TBD
Grapes with 100% cover crop	2.24	Hemp ³	TBD
Lettuce	2.20		

¹Value determined by local expertise in the Cuyama Valley.

²Value based on ____.

³Value based on ____.



Form M MUNICIPAL & INDUSTRIAL

WATER USE ESTIMATE WORKSHEET – 2023
Cuyama Basin Groundwater Sustainability Agency

Name _____

Billing Address _____

Phone / Email _____

Instructions:

1. Calculate water use by inputting units used for municipal & industrial water use in column B (see Exhibit M-1 below to calculate units) for the appropriate corresponding water use categories found in column A.
 - a. Multiply units used (column C) by the water consumption factor in column D and input result in column E.
 - b. Total the gallons from column E and convert to acre-feet on row 13.

	A	B	C	D	E	
	Type of Use	Water Use Location (APN, lat/long, or address)	Units Used	Water Consumption Factor (Gal)	Water Use (Gal)	
1	Chicken Ranches		X	3,532	=	
2	Livestock Drinking Water No. of cows, bulls and horses No. of stockers No. of sheep and goats		X	5,520 2,760 1,100	=	
3	Hotels No. of rooms		X	46,000	=	
4	Office Buildings; including Churches No. of offices		X	38,600	=	
5	Restaurants Seating capacity		X	11,400	=	
6	Service Stations No. of stations		X	350,000	=	
7	Stores Sq ft of building		X	50	=	
8	Trailer Court Avg no. of people		X	36,800	=	
9	Elementary Schools No. of students x No. of school days		X	80	=	
10	Junior & Senior High Schools, Colleges and Churches No. of students x No. of school days		X	160	=	
11	Watered Land; non-ag No. of acres		X	5	=	
12	Total Gallons (sum column D and/or E)					
13	Convert to Acre-feet (Row 12/325,850)					

Exhibit M-1 – Unit(s) Calculations

Unit Calculation

	Type of Use	Units Used
1	Chicken Ranches	Avg number of units of 100 chickens on hand for the reporting period.
2	Livestock Drinking Water	Average number of livestock on hand for the reporting period (drinking water only). Amounts derived from NDSU Extension Service report from July 2015 entitled "Livestock Water Requirements."
3	Hotels	Total number of rooms.
4	Office Buildings; including Churches	Total number of offices in building, or offices served.
5	Restaurants	Total number of seats including seats at the counter, chairs, stools, benches and patio seating.
6	Service Stations	Number of stations served.
7	Stores	Square feet of any store, supermarket or shop. Calculation includes employee, customer and maintenance water use.
8	Trailer Court	Average number of people in the trailer court.
9	Elementary Schools	Total number of students, faculty, custodians, and maintenance staff multiplied by the number of school days. If there was non-ag watered land input amount in row 11.
10	Junior & Senior High Schools and Churches	Total number of students, faculty, custodians, and maintenance staff multiplied by the number of school days. If there was non-ag watered land input amount in row 11. For churches, figure total hours and divide by 8 to determine number of "school days."
11	Watered Land; non-ag	All lands, ornamental plants, shrubs, etc., watered but not qualifying for agricultural rate.