



# F - Well Flow Meter Reporting Form

Cuyama Basin Groundwater Sustainability Agency

Water users using more than 25 acre-feet per year must report monthly flow meter data for each well and include a photograph of the meter at the time of the end of year measurement. This information must be submitted to the Cuyama Basin GSA by January 31<sup>st</sup> for the previous calendar year. Please contact Taylor Blakslee at [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) or (661) 477-3385 if you have any questions.

## Landowner and Well Information

- 1 Landowner name \_\_\_\_\_
- 2 Company/organization \_\_\_\_\_
- 3 Well name/number \_\_\_\_\_
- 4 Flow meter make/manufacture \_\_\_\_\_
- 5 Flow meter serial number \_\_\_\_\_
- 6 APN or Township/Range/Section served by well \_\_\_\_\_

## Flow Meter Measurement Data

	Measurement Date	Totalizing Flow Measurement	Flow Measurement Unit (acre-feet, acre inch, etc.)	Notes
December (previous year)				
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

## Attachments

Please attach the following to an email and send to Taylor Blakslee at [tblakslee@hgcpm.com](mailto:tblakslee@hgcpm.com) by January 31<sup>st</sup> for the previous calendar year:

- Well Flow Meter Reporting Form
- Picture of totalizing flow meter for the December reading (file name format: "Serial-number\_FlowPhoto\_YYYY\_MM\_DD.jpeg")

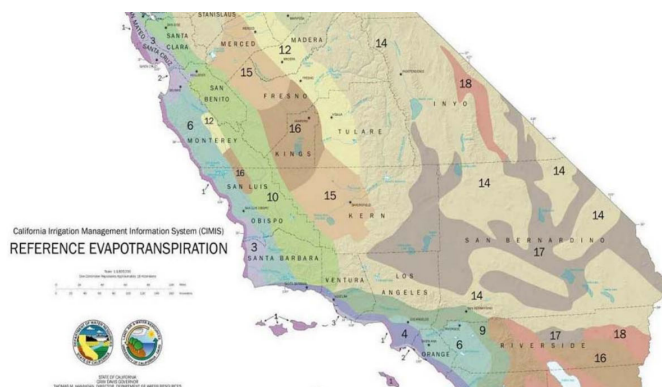


## Exhibit I-1 – Crop Factors

### 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](http://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"
<b>10</b>	<b>49.1"</b>
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 <sup>1</sup> (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 <sup>2</sup>	TBD
Grapes with 100% cover crop	2.24	Hemp <sup>3</sup>	TBD
Lettuce	2.20		

<sup>1</sup>Value determined by local expertise in the Cuyama Valley.

<sup>2</sup>Value based on \_\_\_\_.

<sup>3</sup>Value based on \_\_\_\_.



# Form M

## MUNICIPAL & INDUSTRIAL

WATER USE ESTIMATE WORKSHEET – 2022  
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.

