

COMMERCIAL SMALL CAPACITY WELL WATER USE BREAKDOWN WORKSHEET
 (For Wells Located Within Designated Groundwater Basins)

Name and Type of Business _____

1. Is this application for a new well?

Yes
 No If no, is this application for a change of use for an existing permitted well?
 Yes Permit Number of well (if applicable) _____
 No For wells used prior to **May 8, 1972** see form GWS-12 *Registration of Existing Well* for further information.

2. Type of disposal system:

<input type="checkbox"/>	Septic tank/absorption leach field
<input type="checkbox"/>	Central System (district name:)
<input type="checkbox"/>	Vault (location sewage hauled to:)
<input type="checkbox"/>	Other (attach copy of engineering design)

3. Water Demand Calculations (for average factors for water demand see below)

Employees

Number of Employees	X	Number of Gallons per Employee per Day	X	Number of Days Employee Works per Year	=	Gallons per Year
	X		X		=	

A

Customers

Number of Customers per Day	X	Number of Gallons per Customer	X	Number of Days Business is Open per Year	=	Gallons per Year
	X		X		=	

B

Outside

Square Feet of Irrigated Landscape	X	Number of Gallons per square foot per day	X	Number of Days landscape is irrigated	=	Gallons per Year
	X		X		=	

C

Other Uses - Provide breakdowns for all other substantial water usage (i.e. veterinary clinic, green houses, etc.)

Type of Use	X	Gallons per Use per Day	X	Days per Year	=	Gallons per Year
	X		X		=	

D

Total amount of water required: _____ gallons per year
 (A+B+C+D)

_____ acre-ft per year
 (1 acre-ft = 325,851 gallons)

For all small capacity commercial wells:

1. The pumping rate shall not exceed 50 gallons per minute and may be further limited by Water Management District Rules.

General Guidelines for Water Demand in Gallons per Day

- Day Workers at Offices – 15 gallons/person/day
- Food Service Establishments (with toilet and kitchen wastes) – 10 gallons/patron/day
- Churches (does not include food service) – 5 gallons/seat/day
- Overnight Lodging – 50 gallons/customer/day
- Landscape Irrigation – 45 gallons/1,000 square feet/day
- On-Site Proprietor of Overnight Lodging (i.e. on-site owner of a Bed & Breakfast) – 80 gallons/person/day

Additional water demand figures may be obtained from a private water consultant or from a technical reference on this subject.

GUIDELINES FOR DETERMINING SMALL CAPACITY COMMERCIAL WATER CONSUMPTION INSIDE A DESIGNATED GROUNDWATER BASIN

2. The amount of ground water diverted shall not exceed 5 acre-feet annually except where Ground Water Management District Rules allow up to 80 acre-foot annually.
3. The return flow from the use of the water must be discharged to the same stream system in a location so as to not injure any vested water right.
4. The well must be the only commercial well serving this business and may only serve this business.
5. The parcel on which the well would be located, must be:
 - (a) Thirty-five (35) acres or more in size (A legal description, in the form of a metes and bounds description or a surveyor's map of the parcel must accompany the permit application);
 - (b) If less than 35 acres, the parcel must have been established prior to June 1, 1972, if less than 35 acres, or must be exempt from the definition of a subdivision pursuant to Section 30-28-101(10)(c) and (d), C.R.S. (A copy of a deed describing the parcel and dated before June 1, 1972, or a copy of the signed county resolution exempting the parcel, must accompany the permit application); or
 - (c) Located in a subdivision approved on and after June 1, 1972. (The recommendations made by this office in the water supply review process of that subdivision will be honored.)
6. A totalizing flow meter must be installed on the well. Permanent annual diversion records must be maintained by the well owner and submitted to the Division of Water Resources and the local Ground Water Management District (if applicable) upon request.