

COLORADO DIVISION OF WATER RESOURCES
 DEPARTMENT OF NATURAL RESOURCES
 1313 SHERMAN ST., STE 821, DENVER, CO 80203
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Form GWS-57 (10/2011)

Application Receipt No. _____

Applicant's Name: _____

COMMERCIAL DRINKING AND SANITARY WELL WORKSHEET

Review instructions on reverse side prior to completing form. The form must be completed in black or blue ink or typed.

1. Name and Type of Business:

2. Is this application for a new well?

Yes

No

If no, is this application for a change of use for an existing well?

Yes

No

Permit Number of well (if applicable) _____

For wells used for drinking and sanitary purposes prior to May 8, 1972, a field inspection of the well to verify historical uses may be required. See form GWS-12 Registration of Existing Well and form GWS-12A Statement of Historical Use for further information.

3. Is the parcel the well is located on (or will be located on) within the boundaries of a water service area (water district, municipality, water company, etc.) or is water available from another source (such as a well)?

Yes

No

If yes, indicate what this other source is _____

(name of water district/supplier, or well permit number)

4. Proposed type of disposal system to be used:

Septic tank / absorption leach field

Central System (district name:)

Vault (location sewage hauled to:)

Other (attach copy of engineering design)

5. 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

Other Uses (Note: No uses outside of the building would be permitted for this type of well.)

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

C

Total amount of water required:

=	Gallons per Year (A + B + C)
=	

For wells used for commercial drinking and sanitary purposes on or after May 8, 1972, the total water demand cannot exceed 108,600 gallons (1/3 of an acre-foot) per year.

For wells used for commercial drinking and sanitary purposes prior to May 8, 1972, the total water demand cannot exceed 325,900 gallons (1 acre-foot) per year.

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

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.

INSTRUCTIONS FOR COMMERCIAL DRINKING AND SANITARY WELLS OUTSIDE A DESIGNATED GROUNDWATER BASIN

For all commercial drinking and sanitary wells:

1. The use of the water diverted is limited to inside drinking and sanitary facilities in an individual commercial business. No uses outside of the building are permitted.
2. The pumping rate shall not exceed 15 gallons per minute.
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.

In addition:

For commercial wells put to beneficial use for drinking and sanitary purposes on or after May 8, 1972 (See State Engineer Policy dated April 9, 1985 for additional information):

4. The proposed well must be the only source of water for the property. No other water supply source or system can be available to serve the property. An affidavit or statement by the applicant affirming this situation must accompany the well permit application. In addition, for property located within the boundaries of a water service area (water district, municipality, water company, etc.), an affidavit or statement from the supplier affirming that the property cannot be or will not be supplied water by that entity, must also be submitted with the well permit application.
5. The well must be the only well on the parcel.
6. 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 well permit application.
 - b) If less than 35 acres, the parcel must have been established prior to June 1, 1972 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 well permit application.

For lots in subdivisions approved on and after June 1, 1972, the recommendations made by this office in the water supply review process will be honored.
7. The amount of ground water diverted shall not exceed 1/3 acre-foot annually (108,600 gallons). The applicant must support the well permit application with evidence that the proposed use will not create a demand greater than 1/3 acre-foot/year.
8. The consumptive use of the water shall not exceed 10% of the volume of ground water diverted. An approved septic tank and non-evaporative leach field is an acceptable discharge method. Other types of disposal systems must be evaluated to determine the amount and location of the return flow.
9. 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 annually or upon request.
10. Submit this form in conjunction with a general purpose application (form GWS-45).

For existing commercial wells put to beneficial use for drinking and sanitary purposes prior to May 8, 1972 (See State Engineer Policy 90-1, dated January 18, 1990 for additional information):

4. The well must be the only commercial well serving the business.
5. The amount of ground water diverted shall not exceed one (1) acre-foot annually (325,900 gallons). The applicant must support the well permit application with evidence that the proposed use will not create a demand greater than one (1) acre-foot/year.
6. A written field inspection report prepared by personnel from the Division of Water Resources may be required to support the claimed date of first use and type of use. See form GWS-12, *Registration of Existing Well*, and form GWS-12A, *Statement of Historical Use*, for further information.
7. 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 annually or upon request.
8. Submit this form in conjunction with a registration of existing well (form GWS-12 [may also require GWS-12A]).

CONDITIONS VARY STATEWIDE

MEETING THE ABOVE CONDITIONS DOES NOT GUARANTEE THE ISSUANCE OF A PERMIT