

ENVIRONMENTAL HEALTH DIVISION
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REQUIREMENTS FOR WATER SUPPLY CERTIFICATE

A Water Supply Certificate is required when an existing domestic or agricultural well that does not currently have a Water Supply Certificate issued by the Kern County Environmental Health Division or when data for the well is not available.

The Kern County Environmental Health Division issues Water Supply Certificates for water wells based on evaluation of the following criteria:

1. Chemical Analysis - **Domestic well:** must include general mineral, general physical and inorganic chemical constituents.
Agricultural well: must include an irrigation water analysis and analyses for arsenic and fluoride.
2. Pesticides Analyses - analyses for the pesticides Dibromochloropropane (DBCP) and Ethylene Dibromide (EDB) are required for all groundwater sources located within the San Joaquin Valley Basin of Kern County.
3. Uranium Analysis (**domestic well**) - uranium analysis is a test for naturally occurring uranium in groundwater supplies. (Allow 3 to 4 weeks for laboratory results.)

Gross Alpha (**agricultural well**) – used to determine the quantities of alpha-emitting radionuclides in a water sample.

4. Satisfactory Bacteriological Analysis (**domestic well**) – analysis must have been performed within the last 90-days.

Any State Certified laboratory may be used for water analysis. Listed below is Local State Certified laboratories available:

BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308
(661) 327-4911

Zalco Laboratories, Inc.
4309 Armour Ave.
Bakersfield, CA 93308
(661) 395-0539

Dellavalle Laboratory, Inc.
1910 W. McKinley, Ste. 110
Fresno, CA 93728
(559) 233-6129; (800) 228-9896

FGL Environmental
3935 W. Victor
Visalia, CA 93277
(559) 734-9473

BSK Laboratories
700 22nd St.
Bakersfield, CA 93301
(661) 327-0671; (800) 366-0671

Midway Laboratory
315 Main St.; P. O. Box 1151
Taft, CA 93268
(661) 765-2364

5. Satisfactory Site Inspection - the water well site is inspected for compliance with surface construction requirements. Surface construction requirements are as follows:
 - Disinfection access/sounding tube
 - Downward-turned, screened casing (air) vent
 - Unthreaded sample spigot (or one on which threads have been filed down)
 - A watertight concrete slab of 6" minimum thickness which extends a minimum of 3' in all directions from the outside edge of the well casing (undersized slab in good condition may be acceptable)
 - A sanitary seal for all cracks, holes, or openings into the well
 - An approved backflow protection device, i.e., check valve
6. Site Map showing the following:
 - Adjoining properties
 - Existing and proposed structures
 - If the following are within 200 feet of the well, show:
 - Location of underground sewer lines, septic tanks, seepage pits, cesspools, leach lines
 - Other water wells
 - Animal enclosures
 - Agricultural drainage sumps, storm and runoff sumps
 - Waste disposal well
 - Hazardous materials site
7. To apply for a Water Supply Certificate, complete the application and submit it to this Division with appropriate fees. Environmental Health will process the application, conduct an inspection, and evaluate water quality. The applicant will be responsible for securing all samples and for all fees associated with the water quality analyses performed by any laboratory.