

## DOMESTIC WELL PERMIT INFORMATION

### PERMIT EXPIRATION

The application for a permit will expire one (1) year after the Division receives the permit if reasonable progress is not made toward meeting the conditions for permit approval outlined below.

Well owners will be billed at the current hourly rate for any time incurred after the permit expiration date. Inspection time includes travel time to and from your well for inspections of surface slab and surface construction features.

### CONTRACTOR RESPONSIBILITIES

It is the responsibility of the Well Contractor to construct, deepen, or reconstruct a domestic well in accordance with Kern County Ordinance Code, Section 14.08, and the State Department of Water Resources' Bulletin 74-81, except as modified by subsequent revisions. Representatives of the Public Health Services Department, Environmental Health Division, conduct routine inspections during the construction phase to ensure that your well is constructed according to the regulations.

### WELL OWNER RESPONSIBILITIES

Once the well has been constructed, deepened, or reconstructed by the contractor, you may obtain electrical permits from the Building Inspection Division, which will allow you to energize a pump once it is installed.

Although you may wish to contract with a water well contractor or pump company to do the following work, it is the responsibility of the owner of the well to supply the following items once the well has been completed.

- Surface slab
- Watertight sanitary seal
- Check valve on well discharge line
- Screened casing air vent
- Disinfection access/sounding tube
- Unthreaded sample tap
- Flow meter – NSF 61 Approved
- Collect water samples from the well for the following Water Quality Analyses:
  1. Coliform Bacteria
  2. General Mineral, Physical, Inorganic Analysis
  3. Uranium Analysis
  4. DBCP (Dibromochloropropane) - required only for wells located in the valley portion of the San Joaquin basin.

## WATER TESTING LABORATORIES

Kern County Ordinance Code, Section 14.08, requires the water produced by a well is tested for bacteriological, radiological, and chemical quality prior to putting the well into service.

The Water Quality Analysis test must be performed by a state-certified laboratory.

The following laboratories can provide sample containers and instructions on how to collect water samples. Some laboratories will also collect water samples for you upon request.

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

BSK Analytical Laboratories  
700 22<sup>nd</sup> Street  
Bakersfield, CA 93301  
(661) 327-0671

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

Midway Laboratory  
315 Main Street  
Taft, CA 93268  
(661) 765-2364

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

## FINAL CONSTRUCTION INSPECTIONS

A representative of the Environmental Health Division will make a final construction inspection to ensure the following surface construction features are present and properly installed.

Inspections are made by appointment only. Telephone (661) 862-8740 when you have verified that all the items listed below are present:

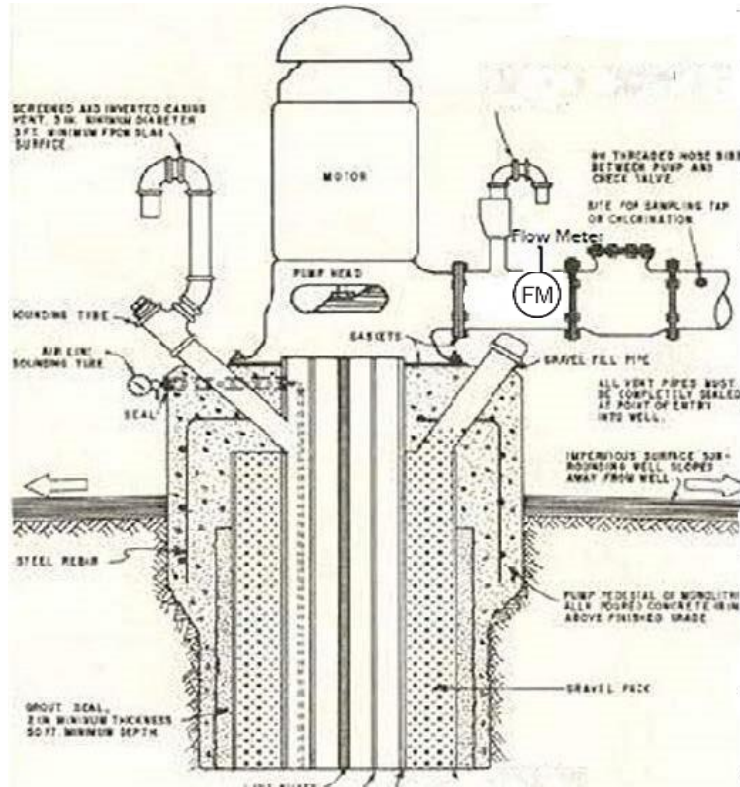
- \_\_\_ Watertight reinforced concrete surface slab - a minimum thickness of 6 inches, set a minimum of 4 inches above ground level, and extending horizontally at least 3 feet in all directions from the edge of the well casing. Must adequately drain water away from the casing;
- \_\_\_ Unthreaded sample spigot;
- \_\_\_ Down-turned, screened casing air vent;
- \_\_\_ A backflow protection device;
- \_\_\_ Disinfection access/sounding tube - allows access to well for chlorination or for determining depth to water without removing pump or well plate;
- \_\_\_ Watertight sanitary seal for all cracks, holes, or openings into the well;
- \_\_\_ Flowmeter – NSF 61 Approved.

## FINAL APPROVAL

The Building Inspection Division requires that the Environmental Health Division approve your water supply prior to the occupancy of any new building.

Final approval of your well cannot be issued until all water quality tests have been received and the surface construction features approved.

## DEEP WELL TURBINE INSTALLATION



## SUBMERSIBLE PUMP INSTALLATION

