



Drinking Water Well Testing

Before a Building Permit can be issued for a building not served by public water, the quality & quantity of well water must be approved by this Department. Send a copy of the chemical, bacterial & flow test report to this Department (to the inspector handling the case).

- Chemical & Bacterial Testing
 - samples must be drawn at well, before any treatment or filtration
 - samples can be taken by lab personnel or others if using bottles from the lab & the lab procedures
 - testing must be done by a California State Approved Lab; a list of local labs is on back of this sheet.
 - write the address or APN of where sample was taken, on the lab slip.

<u>Chemical</u>	<u>Maximum</u>
• Chloride	500 mg/l
• Color	15 Units
• Copper	1,000 µg/l (micrograms per liter)
• Iron	300 µg/l
• Manganese	50 µg/l
• Nitrate (as NO ₃)	45.0 mg/l
• Odor - Threshold	3 Units
• Sulfate	500 mg/l
• Total Dissolved Solids	1,000 mg/l
• Turbidity	5 Units
• Zinc	5,000 µg/l
• Bacteria	Must be absent of Coliform

- Flow Test
 - must be done by a Licensed Water Well Driller & **witnessed by this Department**. Call & arrange with inspector 3 business days in advance. A list of local drillers is on the back of this sheet.
 - well flow must be ≥ 5 gpm for 4 hours per house. ≥ 3 gpm well flow may be acceptable with ≥ 1200 gallon potable water storage per house
 - fee for this Department's evaluating the lab reports & witnessing the flow test is \$488.

This Department does not issue Permits for drilling or abandoning drinking water wells. Contact:

- Dublin, Livermore, Pleasanton, Sunol area: Zone 7 Water Agency (925)454-5000
- Alameda, Albany, Berkeley, Castro Valley, Emeryville, Hayward, Oakland, San Leandro, San Lorenzo area: Alameda County Public Works (510)670-6633
- Fremont, Newark, Union City area: Alameda County Water District (510)659-1970

California State Approved Water Testing Laboratories

For chemical & bacterial testing of water, look in Yellow Pages 'Laboratories - Analytical'. Here are some local labs. No endorsement implied.

- Alpha Analytical
Dublin (925)828-6226
- Cerco Analytical
Concord (925)462-2771
- Sequoia Analytical
Concord (925)356-3150
- Soil Control Lab
Watsonville (831)724-5422

Licensed Water Well Drillers

To find a water well driller for drilling, flow testing, repair, etc. look in Yellow Pages 'Water Well Drilling & Pump Contractors'. Following is a list of some local licensed water well drillers. No endorsement implied.

- | | |
|--|---|
| • Aqua Systems Engineering
(925)838-5512 Lic # 629340 | • Maggiora Brothers
(800)728-1480 Lic # 249957 |
| • Clearwater Supply
(800)820-0533 Lic # 647572 | • Martell Water Systems
(800)498-4282 Lic # 510952 |
| • Dan's Water Well & Pump
(888)326-9355 Lic # 892546 | • Pacific Coast Well & Pump
(925)798-8875 Lic # 810579 |
| • Dejesus Pump & Well Services
(925)634-3392 Lic # 542644 | |
| • Freitas Water Well Drilling & Pump
(209)835-2814 Lic # 967863 | |

5/6/13 - RH