



### 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 <sub>3</sub> )	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  $\geq 5$  gpm for 4 hours per house.  $\geq 3$  gpm well flow may be acceptable with  $\geq 1200$  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
- Clearwater Supply  
(800)820-0533 Lic # 647572
- Dan's Water Well & Pump  
(888)326-9355 Lic # 892546
- Dejesus Pump & Well Services  
(925)634-3392 Lic # 542644
- Freitas Water Well Drilling & Pump  
(209)835-2814 Lic # 967863
- Maggiora Brothers  
(800)728-1480 Lic # 249957
- Martell Water Systems  
(800)498-4282 Lic # 510952
- Pacific Coast Well & Pump  
(925)798-8875 Lic # 810579

5/6/13 - RH