



**Division of Environmental Health**

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**COTTAGE FOOD OPERATION (CFO)  
PRIVATE WATER SUPPLY SUPPLEMENTAL FORM**

Business Name: \_\_\_\_\_

System Location: \_\_\_\_\_

Owner Name: \_\_\_\_\_ Phone: \_\_\_\_\_

**Wells**

Well

Type:  Drilled     Dug  
Casting Material:  Steel     PVC     Concrete

Total Depth: \_\_\_\_\_ Depth to Water: \_\_\_\_\_

**Springs and Surface Sources**

- Spring \_\_\_\_\_
- Infiltration Gallery \_\_\_\_\_
- River Bar Well \_\_\_\_\_
- Other Source \_\_\_\_\_

Describe: \_\_\_\_\_

**Storage Tank**

- Pressure                      Volume: \_\_\_\_\_
- Gravity                         Volume: \_\_\_\_\_

**Treatment**

- Pretreatment                      Describe: \_\_\_\_\_
- Disinfection—UV Light \_\_\_\_\_
- Disinfection—Chlorination \_\_\_\_\_

Filtration

Type:  Cartridge     Reverse Osmosis     Sand Filter     Other

Describe: \_\_\_\_\_

Filter Location:  Outside Home (point of entry)                       At Sink (point of use)

Filter is Rated:  NSF Std 58 for cysts                       "Absolute" 1 micron  
 NSF Std 53 for cysts                       Don't Know

Springs, surface sources, and shallow wells are vulnerable to bacterial contamination and need filtration and disinfection to be safe at all times. If your water source has fecal Coliform bacteria present then both harmful bacteria and cysts may be present, especially during the wet season. Persons with weakened immune systems, young children, pregnant women, and the elderly are vulnerable. A combination of appropriate filtration and disinfection provides protection against these contaminants to keep the water safe for domestic use.

See the following link for more guidance on filter selection:  
[http://www.cdc.gov/parasites/crypto/gen\\_info/filters.html](http://www.cdc.gov/parasites/crypto/gen_info/filters.html)

**Bacteriological Testing for Total and Fecal Coliform Bacteria**

- Yes  No Frequent testing has been completed
- Yes  No Testing has been completed recently
- Yes  No Source tests free of total and fecal Coliform bacteria
- Yes  No Source has been evaluated and disinfected
- Yes  No Follow-up testing is free of total and fecal Coliform bacteria

**Chemical Testing for Nitrates**

- Yes  No Testing has been completed at least once

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Frequent bacteriological testing for fecal and total Coliform by a certified laboratory is one means to ensure safety of the water supply. Positive results need to be followed up by examination of the system with disinfection, repairs, addition of treatment systems, and testing as necessary. Ground water wells may only need annual testing while spring and surface sources should be tested quarterly. The EPA recommends testing for nitrates yearly and Environmental Health recommends at least once if your source is near grazed or fertilized fields.

The following Environment Health drinking water handouts are available:

- Water Testing for Small Water Systems—Frequently Asked Questions
- How to Interpret Your Water Sample Test Results
- Troubleshooting Checklist for Coliform Contamination

For additional information and assistance with drinking water supplies:

- Humboldt County Division of Environmental Health: 707-445-6215
- Safe Drinking Water Hotline: 1-800-426-4791
- Or visit the EPA website: <http://www.epa.gov/safewater/index.html>