

Conserving Resources  
When is water safe to drink?

| Water Sample | Acidity pH | Metals (mg/L) | Coliform Bacteria (ml) | Pesticides Herbicides(mg/L) |
|--------------|------------|---------------|------------------------|-----------------------------|
| City         | 4          | 0.0006 copr   | 13/100                 | 0.00001 car                 |
| Lake         | 7          | 0.6 iron      | 33/100                 | 0.008 carbo                 |
| Mountain     | 6.8        | 0.006 iron    | 0/100                  | 0.0001 carb                 |
| Rural        | 7          | 0.0027 copr   | 0/100                  | 0.08 carboft                |
| Well         | 8.2        | 1.44 iron     | 0/100                  | 0.0004 carb                 |

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| Nitrates(mg/L) | Type Of Contamination | Treatment     |
|----------------|-----------------------|---------------|
| 0.8            | coliform bac          | Chlorine at 1 |
| 0.6            | high ph               | add sodium    |
| 12.4           | high nitrate          | Add activate  |
| 6.7            | pesticides            | Add activate  |
| 0.6            | iron                  | Add chlorine  |