



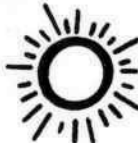
Agricultural Engineering Update



Structures &
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AEU-37

DRINKING WATER ANALYSIS COSTS

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The following list is a summary of costs for testing drinking water from laboratories listed in "Certified Water Testing Laboratories (Update 1988)" AEU-4. All the laboratories were requested to give their costs (July 1988). Nine laboratories responded with their test prices. The average cost and cost ranges are listed for a limited number of water tests that an individual may want to be performed in determining the safety of a drinking water source.

<u>Water Quality Parameter</u>	<u>Average Cost</u>	<u>Cost Range</u>	<u># of Labs</u>
<u>Bacteria</u>			
- Coliform: total	11.00	6.00-18.00	9
fecal	10.80	6.00-18.00	8
- Strep, fecal	14.00	10.00-18.00	2
<u>Inorganics</u>			
- Alkalinity	7.05	6.60-7.50	2
- Chlorides (Cl ⁻)	11.75	9.00-15.00	4
- Hardness	13.70	10.00-20.00	5
- Heavy metals, each (lead, cadmium, iron, chromium, manganese)	14.60	9.00-22.00	8
- Hydrogen sulfide (H ₂ S)	12.30	10.00-15.00	5
- Nitrates	15.90	9.70-25.00	6
- pH	6.15	3.00-15.00	6
- Sulfates	14.60	9.50-25.00	4
- Suspended solids (SS)	9.85	6.00-15.00	8
- Total dissolved solids (TDS)	13.80	6.60-25.00	8
<u>Organics</u>			
- Total organic halides or tox test (total chlorinated/biominated organics includes: PCB's, THM's, pesticides, herbicides and halogenated organics)	74.00	55.00-100.00	5
- Scans for presence compounds from a group or quantification of a limited number of identified compounds in a group (PCB's, THM's, pesticides, herbicides, volatiles, and halogenated organics)		60.00-120.00	4
- Quantification and identification of compounds in a group (PCB's, THM's, pesticides, herbicides, volatiles, and halogenated organics).		150.00-250.00	4