



**COUNTY OF SAN LUIS OBISPO HEALTH AGENCY
ENVIRONMENTAL HEALTH SERVICES DIVISION**

2156 Sierra Way STE. B, San Luis Obispo, CA 93401
PO Box 1489, San Luis Obispo, CA 93406
Phone: (805) 781-5544 Fax: (805) 781-4211
Email: ehs@co.slo.ca.us

PURIFYING WATER

In a disaster, such as a large magnitude earthquake or wildfire, water systems will most likely suffer damage, and safe water will not be available. Unless you have stored water, you will most likely have to use water from your water heater tank. This water would require disinfection to purify it. Prior to draining water from the heater tank, turn off the water supply and the gas or electricity to the tank.

PURIFICATION METHODS

1. **Boiling:** The best method for purifying water in a disaster is to boil water vigorously for 10 minutes.
2. **Purification Tablets:** Available at most drug stores and camping supply stores. Carefully follow the directions on the package.
3. **Bleach Purification:** Liquid household bleach (sodium hypochlorite 5.25%) can be used according to the chart below. Mix thoroughly in water and let stand for 30 minutes. The water should have a slight chlorine odor. If it doesn't, repeat the dose and let the water stand for another 30 minutes. Do not use bleach with soaps, detergents, or scents added. If liquid pool chlorine is used, (12% available chlorine) add half of the amounts of bleach shown on the chart below.

Amount of Water	Amount of Bleach (sodium hypochlorite 5.25%)	
	Clear Water	Cloudy Water
1 quart	2 drops	4 drops
1 gallon	8 drops	16 drops
5 gallons	½ tsp.	1 tsp.