



Water Contamination: Guidance for Eating Establishments during a Boil Water Order or Advisory

Boil Water Order or Advisory is a result of a public water system's disinfection system failure, system upgrade or repair or when the water supply tests positive for E. coli bacteria. The Eating Establishment must **immediately discontinue operation if safety cannot be maintained.**

To remain open, an eating establishment must consider:

- the duration of the emergency event; and
- the ability to follow the guidance outlined in this handout; and
- the ability to haul water from an approved public water supply in a covered sanitized container.

Before transporting water, please call the Drinking Water Program at 207-287-2070.

***Boiled water** means the water has remained at a rolling boil (212°F/100°C) for at least **one minute**. Chemical disinfection is not a good option for food establishments purchasing/ receiving water from public water systems such as a water district or a water dept.
Note: Boiled water should be cooled to 110° before use.

Spray Misting Units –used to spray produce, seafood, meat cases, etc

- **Discontinue use of misters.**

Drinking Water

- Use commercially bottled water and/or water that has been boiled* for at least 1 minute.
- Haul water from an approved public water supply in a covered sanitized container or arrange to use a licensed drinking water truck.
- Discontinue beverages made with water plumbed from the water source– including coffee and soda beverages, instant hot water dispenser, soda guns, juice, tea, etc. **Espresso and coffee machines do not boil water at (212°F/100°C) for one minute.**

Preparing food products requiring water

- Discard any ready-to-eat food prepared with water prior to the discovery of the contamination.
- Prepare ready-to-eat food using commercially bottled or boiled water.

Washing / Soaking produce

- Use pre-washed packaged produce.
- Use frozen/canned fruits and vegetables.
- Wash fresh produce with boiled water*, commercially bottled water, or safe potable water hauled from a public water supply system.

Thawing frozen foods

- Thaw only in the refrigerator or as part of the cooking process.

Cooking

- Use commercially bottled water, water that has been boiled*, **or** haul water from an approved public water supply in a covered sanitized container

Handwashing

- Use heated bottled water, boiled water*, or safe water hauled from an approved public water supply; or
- Use tap water and antibacterial hand soap followed by a 60-85% alcohol-based hand sanitizer.
- Do not allow bare hand contact with ready-to-eat food.

Cleaning and Sanitizing utensils and tableware

- Use single service utensils and tableware.
- Use the existing commercial dish machine or the 3-compartment sink. When using the 3-compartment sink verify that the sanitizer concentration is correct according to the manufacturer's instructions.
- For high temperature machines verify that the rinse water is at least 180°F and the plate temperature reaches at least 160°F. For chemical sanitizing machines verify that the chlorine concentration is 50-100ppm and that the water is 120°F.

Ice Making

- Discard existing ice.
- Discontinue making ice.
- Use commercially manufactured ice.

Food Establishments that are Public Water Systems (privately owned well) must follow the disinfection and sampling requirements of the Maine Drinking Water Program (DWP) before resuming operations. Contact DWP at 287-2070 for instructions or our website: www.medwp.com or www.epa.gov/ogwdw/faq/emerg.html



Guidance for Eating Establishments after a Boil Water Order or Advisory is lifted

After the Boil Water Order or Advisory is lifted, food establishments must take steps to return to normal, safe operation. Your municipality or regulatory authority provides notice that the water supply is safe to use.

Food Establishments that are Public Water Systems (privately owned well) must follow the disinfection and sampling requirements of the Maine Drinking Water Program before resuming operations.

Contact the Maine Drinking Water Program 287-2070 for specific instructions or at our website:

www.medwp.com or
www.epa.gov/ogwdw/faq/emerg.html

After the Boil Water Order is officially lifted, the operator must:

1. Drain water storage tanks in all buildings.
2. Even if samples are negative, flush pipes/faucets by running cold water faucets for at least 5 minutes. Or, follow instructions given by your water provider.
3. Flush equipment with waterline connections for at least 5 minutes. This includes drinking fountains, post-mix beverage machines, spray misters, coffee or tea urns, glass washers, dishwashers, and other equipment with water connections. Clean and sanitize equipment in accordance with manufacturer's instructions.
4. Ice Machine Sanitation:
 - ✓ Flush the water line to the machine inlet for 5 minutes.
 - ✓ Close the valve on the water line behind the machine and disconnect the water line from the machine inlet.
 - ✓ Open the valve, run 5 gallons of water through the valve and dispose of the water.
 - ✓ Close the valve.
 - ✓ Reconnect the water line to the machine inlet.
 - ✓ Open the valve.
 - ✓ Flush the water lines in the machine.
 - ✓ Turn on the machine.
 - ✓ Make ice for 1 hour and dispose of ice.
 - ✓ Clean and sanitize all parts and surfaces that come in contact with water and ice, following the manufacturer's instructions.
2. Run water softeners through a regeneration cycle.

Find additional information for safe drinking water at: www.medwp.com and www.epa.gov/ogwdw/faq/emerg.html