

Healthy Fairs & Environmental Health

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What Will You Learn?

- How to find your inspector.
- Emergency contacts.
- What is environmental health?
- Considering environmental health issues for your events.



Licensing Agencies

- Minnesota Department of Agriculture (MDA)
- Minnesota Department of Health (MDH)
- Local Public Health Agencies
- Counties or cities may have delegated authority from MDA and/or MDH.



Links

- MDH Licensing:
www.health.state.mn.us/divs/eh/food/license/index.html
- MDH State and Local Environmental Health Contacts:
www.health.state.mn.us/divs/eh/food/license/locals.pdf
- Find your MDA Food Inspector:
gis.mda.state.mn.us/territories/



MDH Delegation Map

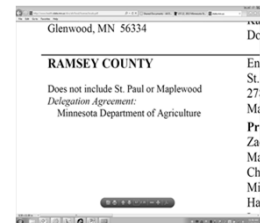
www.health.state.mn.us/divs/eh/food/license/delegation.html



- Useful tool to determine which counties have one or more delegation agreements.
- If the county you wish to operate in has delegations, turn to the directory for more information.

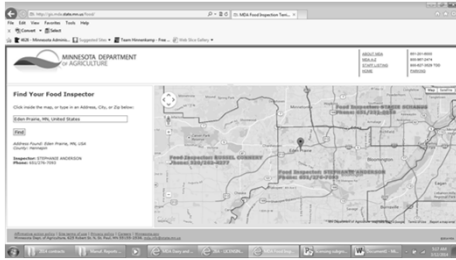
Local Directory

- Refer to the county where the food will be served.
- Each city listed after "Does not include..." normally has its own delegation agreement.



Find Your MDA Inspector

gis.mda.state.mn.us/food/



MDH Minnesota Department of Health
Food, Pools, and Lodging Services Section

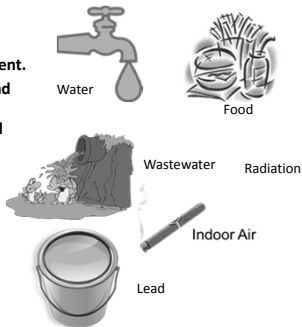
State Emergency Response Information

- Foodborne Illness Hotline
- 1-877-FOOD-ILL (1-877-366-3455)
- For customers complaining of illness after eating food.
- MDH staff assess whether a foodborne illness outbreak has occurred.

- Minnesota Duty Officer
- 1-800-422-0798
- Contact for major emergencies such as pipeline bursts, radiological incidents, acts of terrorism, mass illness, etc.

What is Environmental Health?

- Focuses on the interrelationships between people and their environment.
- Promotes human health and well-being.
- Fosters a safe and healthful environment.



Source: Centers for Disease Control and Prevention

MDH

Food

- Concerns?



Food

- Concerns:
 - Rust.
 - Washing the can.
 - Galvanized metal.
 - Has the can been used for anything else?



Food

- More concerns?



Food

- **More concerns:**
 - No handwashing.
 - No overhead protection.
 - How about the location?
 - Near animals, open field, tractors.



Food

- **How about now?**



Food

- **How about now?**
 - Gas or steam used to cook the corn?
 - Public is not protected from cooking "equipment."
 - Location next to tractor.



Beverage Dispensing Backpack

- **Concerns?**



Beverage Dispensing Backpack

- **Concerns:**
 - What type of beverage?
 - Alcohol, etc.
 - Source of the beverage?
 - How was the container filled?
 - Cleanability of dispenser?
 - Cup waste?
 - License or permit?



Fresh Water and Wastewater

- **Concerns?**



Fresh Water and Wastewater

- **Concerns?**
 - Are the connections clean and sanitary?
 - Is something discharging on the ground?
 - What type of system does this discharge into?
 - Does the public walk through this area?



Fresh Water?

- **Concerns?**



Fresh Water?

- **Concerns?**
 - Water connections were underwater.
 - Does this system supply water to food stands, restrooms, etc.?



Dump Stations

- **Concerns?**




Dump Stations

- **Concerns?**
 - Is this a sanitary sewer or storm sewer?
 - Wastewater seeping onto ground?
 - Can the hose be used for drinking?




Cool Water Misters

- **Concerns?**




Cool Water Misters

- **Concerns?**
 - How are the misters cleaned?
 - What is the source of water? Well? Municipal? Cistern or holding tank?
 - Legionnaires' Disease.




Spray Deck

- **Concerns?**




Spray Deck

- **Concerns?**
 - Source of the water?
 - Is the water recycled?
 - Is the water treated in any way?
 - Are there any drains that create suction or entrapment risks?
 - Is a license needed?




Other Ways to Cool Off

- **Concerns?**




Other Ways to Cool Off

- **Concerns?**
 - Hand contamination of ice/water mixtures.
 - People dipping towels, water bottles, shirts into common water/ice containers?



Portable Hot Tubs


- **Concerns?**



A black and white illustration of a portable hot tub. Two people, a man and a woman, are sitting in the tub. The man is on the left, holding a drink, and the woman is on the right, also holding a drink. There is a bottle on the edge of the tub. The background shows some foliage.

Portable Hot Tubs

- **Concerns?**
 - Source of the water?
 - Is the water treated?
 - Entrapment concerns on the main drain?
 - Is the "pool" licensed?



A black and white illustration of a portable hot tub. Two people, a man and a woman, are sitting in the tub. The man is on the left, holding a drink, and the woman is on the right, also holding a drink. There is a bottle on the edge of the tub. The background shows some foliage.

Skin Care Demonstrations


- **Concerns?**



Two black and white photographs showing skin care demonstrations. The top photo shows a person's hands being treated with a product in a white bowl. The bottom photo shows a person's feet being treated with a product in a white bowl. The background is a stone-patterned surface.

Skin Care Demonstrations


- **Concerns?**
 - Reusing the water for more than one person?
 - Where will wastewater be disposed?
 - How will containers be cleaned?



Two black and white photographs showing skin care demonstrations. The top photo shows a person's hands being treated with a product in a white bowl. The bottom photo shows a person's feet being treated with a product in a white bowl. The background is a stone-patterned surface.

Flooding


- **Concerns?**



Two black and white photographs showing flooding. The top photo shows a flooded area with trees and buildings in the background. The bottom photo shows a flooded area with a metal structure in the foreground and trees in the background.

Flooding

- **Concerns?**
 - Life and safety of employees and guests.
 - Are food stands, food storage trucks or other areas affected?
 - Are generators or utilities affected?
 - Is the well or water supply affected?
 - Is the septic system affected?



Two black and white photographs showing flooding. The top photo shows a flooded area with trees and buildings in the background. The bottom photo shows a flooded area with a metal structure in the foreground and trees in the background.

Flooding

- **How about now?**



Flooding

- **How about now?**
 - What type of contamination occurred or cleanup is needed?
 - How are food, wells, septic, and camping areas affected by this?



Camping

- **Concerns?**



Camping

- **Concerns?**
 - Fire concerns because units are too close.
 - No way for emergency vehicles to get in.
 - Difficult for people to get out in an emergency.
 - Pedestrian safety.



Youth Camps

- **Concerns?**



Youth Camps

- **Concerns?**
 - Beds are too close together.
 - Are the fire escapes accessible?



Other Attractions

- **Concerns?**



Other Attractions

- **Concerns?**

- Life safety of the kids in the bubble.
- Is the water treated?
- How is the interior of the bubble cleaned?



Questions

