

Hazard: Water Supply

Identity of Hazard(s): This includes the quality and adequacy of the supply of water within the dwelling for drinking and for domestic purposes such as cooking, washing, cleaning and sanitation. As well as the adequacy, it includes threats to health from contamination by bacteria, protozoa, parasites, viruses, and chemical pollutants.¹

Primary Health Outcome(s): Gastro-intestinal illness¹

Health Alert! Young children and immuno-compromised are most at risk from ingested pathogens, and the elderly and immuno-compromised are most at risk from *Legionella* which typically causes respiratory infection, also presents an infection risk from domestic water systems.

Gain Control: Actions You Can Take

- Drinking water should be wholesome, and the supply to and within the dwelling should not be interrupted, except in emergencies.
 - All dwellings should have at least one tap for drawing water, and there should be adequate arrangements for connection to a wholesome supply of drinking water.
 - The water should be supplied at a pressure adequate for appliances at a dwelling.
 - To prevent *Legionella* growth, hot water needs to be maintained about 130°F. To achieve this hot water tanks should be set to store hot water above 140°F.
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Local Resources for Detroit Residents:

- State Emergency Relief (SER)- Home Repair Services, Michigan Department of Human Services: (313) 456-1000
 - For homeowners only, SER can be used for emergency repairs only that have a direct threat on health and safety (non-functioning furnaces, water heater replacement, repair or replacement of septic systems. Families must be current on property taxes.

¹http://portal.hud.gov/hudportal/documents/huddoc?id=operating_guidance_hhrs_v1.pdf