

## Action Plan – Water Disinfection and Purification

This worksheet is designed to help readers develop an effective water disinfection and purification action plan using information provided in Chapter 8 (Water Disinfection and Purification) of [The Provident Prepper: A Common-Sense Guide to Preparing for Emergencies](#).

Stored water is your best bet for safe drinking water. Eventually you may run out of your stored supplies, or find yourself without safe drinking water. We have discussed a variety of options for water disinfection and purification. Remember, you will want to plan for a way to kill the tiny viruses which some filters cannot remove. You also need a way to filter out the protozoa which are not deactivated by some methods of chemical disinfection, as well as remove chemical contaminants.

Know the limitations of your filter(s) and plan accordingly. Do not risk acquiring a water borne illness. How much water will your filter clean? A hundred, a thousand, or a million gallons? What are your water needs?

You do not need to have each option available! We recommend a method of disinfection as well as quality filter for home use in addition to a portable filter in each evacuation kit.

Water Purification Tools and Supplies			
Supply or Tool	Amount	Shelf Life	# of Potential Treated Gallons
<b>Water containers</b>			
<b>Transportation</b> (from water source)			
<b>Clarification</b> (cloth, paper towels, coffee filters)			
<b>Disinfection</b>			
Boiling – Type of fuel			
Chlorine (liquid household bleach)		6 months	
Chlorine (dry calcium hypochlorite)		10+ years	
Distillation			
Iodine			
Clear bottles for solar disinfection			
Pasteurization (WAPI)			
<b>Filtration Systems</b>			
Home			
Portable			

Teach every member of your family the basics of water disinfection and proper filter use!

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