



WATER PLAN WORKSHEET

STEP 2: INVENTORY

INSTRUCTIONS

- 1: Fill in the container types, volumes, and numbers that you have on-hand or plan to utilize.
- 2: Multiply the volumes by the numbers to get the total volume of each container. Repeat for every container.
- 3: Add all volumes from the Total Volume column to reach your Total Volume On-hand.
- 4: Add storage containers as required, filling with step-off water and stabilizing appropriately.

GOAL: Start with preparing at least 1 week's worth of water for you and your dependents as step-off water. After this is complete, gradually work towards the goal of storing 1 month's worth of water.

To determine the amount of water you need, please see Water Plan Worksheet Step 1: Planning
<https://cana-provisions.com/store/p/cana-provisions-water-plan-work-sheet-step-1>

FILTRATION / STABILIZATION

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CONTAINERS		VOLUME (US Gal)	NUMBER OF CONTAINERS	TOTAL VOLUME	Filtered Prior to Storage	METHOD					Stabilized with Aquamira®
						Camco	Gravity	Pressurized	Reverse Osmosis		
MODULAR/MOBILE	20 L Jerry Can	5.3	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	10 L Jerry Can	2.7	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	5 US Gal Container	5.0	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	{Other}		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	{Other}		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	Emergency Bladder		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
STATIC	IBC Tote	275 / 330	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	Drum / Barrel	15/30/55	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	{Other}		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	{Other}		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	Cistern		X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
	Tub Bladder	70	X	=	☐ Y / ☐ N	☐	☐	☐	☐	☐ Y / ☐ N	
TOTAL VOLUME ON-HAND:											

- ☐ Assume all water and containers are contaminated.
- ☐ Select the clearest, cleanest water possible. Rain water or moving water is always preferable.
- ☐ Thoroughly evaluate the source and surroundings for contaminants.
- ☐ Avoid sources with visible petroleum slicks and dead/decaying animals.
- ☐ Do not use standing water near mining operations or heavy industry.
- ☐ Pre-filter or strain water during collection as time and opportunity allow.
- ☐ Once collected, cover water and allow to sit undisturbed for 24 hours or longer to facilitate settling of sediment.
- ☐ For best results, pre-filter and use a filter element before treatment, regardless of clarity.
- ☐ Additive treatments do not remove existing chemicals or heavy metals. Use KDF and GAC filter elements to reduce these contaminants.
- ☐ If the appropriate tools are available, test samples of your water pre- and post-treatment to assess filtering and treatment effectiveness.

WARNING: Treat all water as if it is contaminated. Your water treatment is your responsibility. Never use a container known to have held toxic, harmful materials or petroleum products. The user and holder of this information and worksheet holds harmless Cana Provisions, INC.

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RESPECT THE WATER™





WATER PLAN WORKSHEET

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Step-off water

This is treated, stored, potable water that is ready to drink. This water gives you time to make decisions with a clear head and without panic influencing you.

- Use a known source of clean and clear water, then treat and stabilize with Aquamira® (chlorine dioxide). While this is a treatment method, disinfecting with Aquamira® stabilizes water for up to 5 years if used according to the manufacturer's directions.
- If using a tap water and a hose, a lead-free hose is recommended in conjunction with an inline filter, such as the Camco Taste Pure RV filter while filling your containers. (see links below)
 - For additional peace of mind, look up your local tap water score at: <https://mytapwater.org/>
 - If you would like to test your water prior to beginning to store it: <https://mytapwater.com/>
- Store your water in clean, opaque containers out of direct or reflected UV light (sunlight). Be sure to block sunlight reflected from walls or the floor; keep containers sealed and airtight after being treated.

Can I stabilize my water with bleach?

- Yes, you can stabilize your water with bleach; however, it is not as effective for long term stabilization as Aquamira®. If you are using bleach, we recommend you plan on cycling out your water and cleaning your containers once a year.
- Clearly label your containers with pertinent treatment information. All containers should be clearly labeled as DIRTY, CLEAN, and if they've been treated, the method of treatment, when they were treated, and by whom they were treated.
- We do not recommend storing your treated, ready-to-drink step off water outside due to a litany of factors you may not be able to control.

Bulk water storage outside

- In the event you cannot store your water inside, we recommend you do not try to keep your water fully disinfected and ready to drink. Store your water as "intermediate-dirty water" and plan on decanting water and treating it in smaller, usable portions.
- If you are doing this, we still HIGHLY recommend you store some smaller, modular containers inside your home with ready-to-drink water.
- We recommend you store your water covered to prevent pollen, dust and other small particles from entering, but still ventilated. Make sure openings are covered with mosquito mesh barrier in place (1.2mm, or 18x16 window screen, or 200 mesh) to prevent mosquitoes from accessing and breeding in your water.
- In Freezing Environments/Regions

If you are in regions that freeze, this may preclude bulk storage outside. In any event, only fill your containers to 90% capacity and vent the lid OR utilize an overflow port to allow room for expansion in the event of freezing. Consider shielding them from wind, ice, and snow by placing them inside a shed. For additional protection, consider insulation around them or insulating blankets. Other helpful tools may include a stock tank heater, submersible heating elements, or exterior heat tape to prevent freezing. Please note that your energy/power requirements to operate these tools must be considered. Also note that large tanks will likely be immobile and may become fragile when frozen.

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275 US Gal IBC Tote Aquamira® Dosing

If you are storing treated, ready-to-drink water in your IBC tote and you are planning on treating with Aquamira®, for a 275 US GAL IBC tote, you will need 4.58 sets of 2 oz Aquamira®.

- Starting with a CLEAN tote, fill it halfway using tap water, preferably with a lead-free hose and Camco Taste Pure filter.
- Mix 276 mL of Part A and 276 mL of Part B in a clean glass (this requires a 24 oz container or larger)
- Allow the mixture to stand for 5 MINUTES then add to the half-full tote.
- Fill the tote the remainder of the way, seal, and label with treatment method, date, and name.

330 US Gal IBC Tote Aquamira® Dosing

If you are storing treated, ready-to-drink water in your IBC tote and you are planning on treating with Aquamira®, for a 330 US GAL IBC tote, you will need 5.5 sets of 2 oz Aquamira®.

- Starting with a CLEAN tote, fill it halfway using tap water, preferably with a lead-free hose and Camco Taste Pure filter.
- Mix 330 mL of Part A and 330 mL of Part B in a clean glass (this requires a 24 oz container or larger)
- Allow the mixture to stand for 5 MINUTES then add to the half-full tote.
- Fill the tote the remainder of the way, seal, and label with treatment method, date, and name.

This information is not intended to replace the manufacturer's included instructions. For further information and dosage calculations, please refer to and carefully the manufacturer's included instructions.

PRODUCTS

We recommend having hard copies of all of your data for treatment methods. We also recommend having multiple options for both filtration and treatment. Please print this document for your future reference and planning. Click on the following items for links to further information.

Cana Provisions Water Data Cards & Container Decals
<https://cana-provisions.com/water-data-cards>

Aquamira®
<https://cana-provisions.com/store/p/aquamira-chlorine-dioxide-liquid-for-water-treatment-and-storage-with-droppers>

275 US GAL IBC Tote Aquamira® Kit
<https://cana-provisions.com/store/p/aquamira-275-ibc-bundle>

330 US GAL IBC Tote Aquamira® Kit
<https://cana-provisions.com/store/p/aquamira-330-ibc-bundle>

Cana Provisions Water Treatment Safety Label
<https://cana-provisions.com/store/p/water-treatment-record-safety-label>

Cana Provisions Jerry Can Dirty/Clean Labels
<https://cana-provisions.com/store/p/clean-dirty-jerry-can-labels>

Camco Taste Pure Filter
<https://amazon.com/dp/B0006IX87S>

Camco Lead-free Hose
<https://amazon.com/dp/B004ME11FS>

CONVERSIONS

1 Drop	0.05 mL	-
1 Teaspoon (tsp)	5 mL (100 drops)	0.17 oz
1 Tablespoon (Tb)	15 mL (3 tsp)	0.5 oz
-	30 mL	1 oz
1 Cup (16 Tb)	237 mL	8 oz
1 Pint (2 Cups)	473 mL	16 oz
1 Quart (2 Pints)	946 mL (0.95 L)	32 oz
1 US Gal (4 Quarts)	3785 mL (3.78 L)	128 oz

GENERAL WARNINGS

NEVER USE A CONTAINER KNOWN TO HAVE HELD TOXIC OR HAZARDOUS CHEMICALS OR SUBSTANCES

NEVER CONSUME ANY RINSATE OR SHOCK/STERILIZING SOLUTION

NEVER ADD WATER DIRECTLY TO A CHLORINE SOURCE

ONCE TREATED, DO NOT STACK CHEMICAL TREATMENTS OR DUPLICATE WATER TREATMENTS

YOUR WATER TREATMENT IS YOUR RESPONSIBILITY

THE HOLDER AND/OR USER OF THIS CARD AND INFORMATION ASSUMES ALL RESPONSIBILITY FOR ITS USE AND HOLDS HARMLESS CANA PROVISIONS, INC

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