

02/02/14 TAPRN Net Topic – Water Purification

On 02/02/14 TAPRN Net, our topic of the evening was water purification. Thanks to all our check-ins for the comments, suggestions, and advice on this topic.

Several ways to purify and filter water were mentioned – UV, cartridge, chemical/tablet, and boiling. Please see below for mentioned examples of each.

The following are examples of UV:

Ozonator – UV style

Steripen UV light – battery operated and hand crank versions

Setting out a bottle of water (in a clear container) out in the sun for a long time

Other examples included cartridges or layers of different materials, like the following:

MSR Sweetwater Filter

Katadyn

In-line polyfilters

Portable water bottles with the filters already in them

Sawyer Mini – 0.1 micron filter removes bacteria and protozoa

Monolythic ceramic filters

Sand, gravel, then charcoal combo in a bucket or pvc pipe

Sand-based tank filter – one person mentioned to be aware that with this method as there could be a potential for mold & bacteria build up so check and change as needed.

In-line carbon filters – again, but careful as the rubber gasket that prevents water leaks could be a potential for where mold & bacteria can build up, so check and clean as needed.

Remember your Brita & NSA water filters can help some

Berkey water filter system – Notable mention was one check-in adds a 1ft piece of jeweler's silver (99.99%) in the bottom container to get colloidal silver health benefits

DIY versions of system using food grade 5 gallon buckets and cartridge filters

Some examples of using chemicals/tablets:

Purification tablets like Aquamira (you can use coffee filters to get rid of any debris in the water)

Pool shock – very cheap way to purify water – one lb concentrate can purify 10,000 gallons of water

Clorox and Purex – new concentrated versions of the bleach are hitting the grocery shelves. One check-in called the company, and the company's recommendation was 6-8 drops per gallon of water to purify

Some other interesting items mentioned were a 5-gallon still (for water, of course) and an Atmospheric Water Generator (very expensive though ~\$1500 range).

Please don't forget, even if you don't have any of the items or something similar mentioned above, you can always go back to the basics - use a piece of cloth to filter any debris and BOIL WATER.

If you're interested in listening or checking into TAPRN Net, please see Net schedule -

<http://www.amrron.com/nets-regional-national/taprn-regional-net/>

Long Live the Republic,

Delta-04

States checking in –

VA – 4	NY – 1	OH – 5	PA – 2
SC – 2	FL – 3	GA – 3	KY – 4
TX – 1	MA – 1	IN – 1	NJ – 1