

## Protocol for Water procurement and distribution in Cape Meares

FACT: A male should consume 15.5 cups of water per day and a female should consume 11.5 cups depending on ambient temperature and activity level per Harvard Medical School Health publications. (2023).

Three levels of water consumption and distribution are considered below; immediate (3 days), short term (1 week), and long term (unknown).

Each family unit is strongly encouraged to store an immediate amount of potable water.

Each family unit is encouraged to devise a water collection system if they live above the inundation zone.

Each family unit is encouraged to have a water bucket and water filter for personal use for harvesting water within the immediate community.

Our emergency preparedness team has designed a water procurement and distribution plan for our community considering the immediate, short term, and long-term need.

### Immediate need:

1. Our sheds have a small amount of water stored per shed for immediate use. This water will be needed for consumption, hygiene, medical needs, and cooking.
2. Plastic 1.5-liter water bladders are available for distribution as needed.
3. Individuals should be encouraged to use their personal water filtration devices.
4. Filtration systems available in the shed for community use are the two bucket system and one Berkey filtration system per shed.

Short term water use will look at water sources near and in our sheltered areas

Rotating teams of 2 or more will be formed to find stored water sources to include:

1. Hot water tanks using tools found in the sheds.
2. Any water storage tanks that neighbors are willing to share.
3. Streams and standing freshwater using buckets for transport.

**PLEASE KEEP UNFILTERED WATER IN THEIR OWN CONTAINER. DO NOT PUT UNFILTERED WATER INTO FILTERED WATER CONTAINERS.**

### Long term water use:

Any creative use of water containers and bladders will be used to store and maintain a water supply.

All community members will share water filtering devices found in the sheds.

A centrally located water distribution center may be established for communal use.

A team of not less than 2 people might hike to the Oceanside Water District Water Tower to assess tank stability and possible source for long term water use.

