

Navajo Nation EPA-Public Water Systems Supervision Program

Guidelines for Hauling and Transporting Regulated Water for Human Consumption

Project Objective

To promote safe water hauling practices in transporting regulated water for human consumption.

Two types of water haulers

Bulk Water Hauler-Bulk water haulers use commercial vehicles to haul water to homes or communities using a 1,000 gallon tank, or more, to community members. Bulk water haulers are also people that use trailers or have water containers mounted on their vehicles.

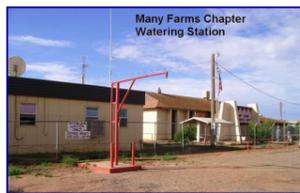


Light Water Hauler- Light water haulers using less than 1,000 gallon drums or less, to haul potable water for human consumption.

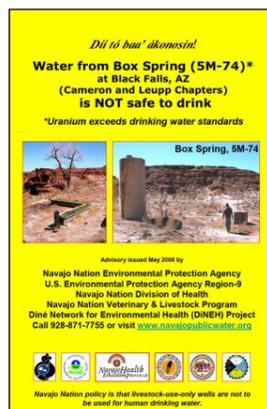


TWO TYPES OF WATER SOURCES

Regulated Water Source- Regulated water sources are monitored for, heavy metals, water-borne bacteria, and other contaminants.



Unregulated Water Source- Unregulated water sources includes windmills, artesian wells, hand dug wells, and springs. These unregulated water sources are not monitored and do not meet the Navajo Nation Safe Drinking Water Act requirements. **Unregulated water sources are for livestock use only.**



Regulated Watering Points- A map of regulated watering points will be available to chapters for their communities and is available at www.navajopublicwater.org/UnregulatedSources2.html

NNEPA-PWSSP, we encourage and promote the use of regulated watering points for human consumption.

Recommended Containers

The type of containers that is recommended for bulk water hauling includes:

- A U.S. Food and Drug Administration (US FDA) approved bulk water hauling units that is only used for human consumption and should not be used for livestock water hauling. The containers are found at Gallup, Farmington, Page, and Flagstaff.
- An inspected and approved bulk water hauling unit that is mounted on a truck.
- Mounted water haulers and trailers should be certified by the National Sanitation Foundation (NSF) or American Water Works Association (AWWA) standard.

Individuals who haul water for personal use and who do not intend to redistribute the water may follow these guidelines.

- The water drums that are being utilized for storage must comply with the FDA

for storing water.

- The hose must be approved for drinking water, such as hoses for RV and boat.
- The hose must be properly stored when not in use. The hose must not be left lying around so as to contaminate the hose.
- The water drums that are being use for human use shall not be used for hauling livestock water.

Cleaning Water Storage Containers

Using food containers for water hauling such as plastic milk jugs or other food containers may be used. Scrub, rinse, clean, rinse, disinfect, and rinse the containers if it was used for food.

1. Scrub and rinse with warm water, use bottle brush if needed, especially for one gallon jugs or similar.
2. Clean with dish soap and hot water.
3. Rinse completely with warm water.
4. Disinfect by filling the container with a mixture of 3 teaspoon bleach and 5 gallons of water. Let stand until ready to haul water. Empty the water and bleach mixture.
5. Rinse the container with clean water. You are ready to use the container for hauling water.

Clean Water Barrels once a Month

1. Scrub- Mix 3 teaspoon of chlorine bleach with every 5 gallons of water. Scrub barrel with mixture. Clean all hoses and any other water hauling equipment with the water and bleach mixture.
2. Rinse- Rinse the container and all other equipment with clean water.
3. Disinfect- Mix 3 teaspoon of bleach with every 5 gallons of water to disinfect the tank. Let bleach and water stand in the tank until ready to use or at least 30 minutes.
4. Rinse- Rinse the container again. You are ready to haul water now.

An approved safe water hauling drums. The drums should say *Food Grade*.



WHAT NOT TO USE



Contact Information

Navajo Nation Environmental Protection Agency
Public Water Systems Supervision Program
P.O. Box 339
Window Rock, Arizona 86515
Phone: 928-871-7755
Fax: 928-871-7818
Website: www.navajopublicwater.org

