

Why is This Important?

A fresh water system requires ongoing care and preventative maintenance to ensure that each component remains functioning and clean so the entire system can deliver a consistent flow of fresh and safe water.

Per Utah State Rule R392-102-7(13), Food Truck Sanitization, "The food truck operator shall flush and sanitize any water tank, pump, and hoses before placing into service after initial purchase, construction, repair, modification, and periods of nonuse of 30 days or more, and as often as necessary to maintain the equipment in clean and sanitary condition."



<https://adminrules.utah.gov/public/search/R392/Current%20Rulest>



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Utah food services rules on the web:

rules.utah.gov/publicat/code/r392/r392-100.htm



Mobile Food: Sanitizing Your Mobile Food Unit's Fresh Water System

Environmental Health
Division



HOW

Note: Check the manufacturer's specifications or technical sheets for specific instructions on sanitizing your fresh water system, otherwise consider disinfecting the fresh water system as follows:

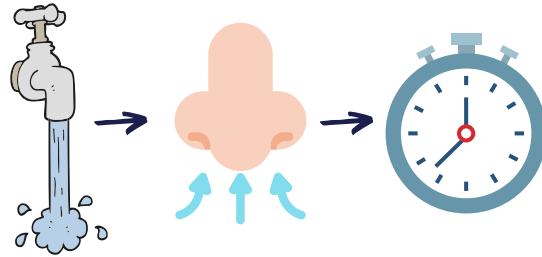
- Use one of the following methods to determine how much household bleach is needed to sanitize the tank.
(Note: Follow the safety precautions as printed on the label of the bleach container)
 - a. Tank Gallon Capacity x 0.13 = oz of bleach needed to sanitize tank
 - b. Tank Liter Capacity x 1.0 = ml of bleach needed to sanitize tank
- Mix the bleach with water in a pourable container (gallon jug). If the tank is filled through a pressurized fitting, carefully pour the bleach into the hose before attaching the hose to the city water entry.

WARNING: DO NOT MIX BLEACH WITH AMMONIA



Cont.

- Pour the bleach solution into the tank and fill the tank with fresh water.
- Open ALL faucets (hot & cold) allowing the water to run until the odor of bleach is detected. Now the fresh water system must sit to let the disinfectant work. The fresh water system must have **FOUR HOURS** of contact time to disinfect completely. Doubling the solution concentration allows for a shorter contact time of **ONE HOUR**.



- When the contact time is completed, drain the tank. Refill the tank and flush the fresh water system once or twice until the bleach odor has decreased. The residual bleach odor and taste is not harmful if the correct concentration for the size of the tank was used as directed.

Fresh Water System Requirements

- A fresh water tank and its inlet and outlet shall be sloped to allow complete tank drainage.
- Materials used for the fresh water tank, including the hoses and fittings, shall be safe (food grade), durable, and finished to have a smooth, easily cleanable surface.
- A cap and keeper chain, closed cabinet, closed storage tube, or other approved protective cover or device shall be provided for a water inlet, outlet, and hoses.
- A backflow prevention device is required when operating a water tank, pump, and hoses so that backflow and other contamination of the fresh water supply are prevented.
- A fresh water tank, pump, and hoses used for conveying fresh water shall be used for no other purposes.

Note: Using a filter on your fresh water tank hose inlet will ensure a cleaner system and extend the life of the system and food equipment by removing sediments which can build up and cause problems.

