SANITARY DUMPING STATIONS

Indiana State Department of Health Division of Sanitary Engineering
Sanitary Dumping Stations

Standards for Construction

All recreational vehicle campgrounds, which do not possess sewer risers at each campsite, must provide a sanitary dumping station for the safe and efficient disposal of wastes from the holding tanks of recreational vehicles.

The sanitary dumping station must have the following features:

1. A sloped concrete apron with a drain at least 4 inches in diameter at the low point near the center of the pad.

2. A tight-fitting drain cover (to prevent the escape of odors) equipped with a foot operated attachment or similar device, to open the drain cover without directly contacting waste material.

3. An approved water outlet or hydrant adjacent to the dumping station for flushing down the drain pad after use.

4. An approved atmospheric vacuum breaker attached to the water outlet to prevent possible back-siphonage into the water supply system. The vacuum breaker must be installed downstream from the shutoff valve and at the highest point.

5. An adequate length of flexible hose for flushing the concrete apron and drain. A means must be provided to retract the hose when not in use so it does not contact the concrete pad or rest on the ground surface.

6. The sanitary dumping station must be located at least 100 feet from any water supply well. The dumping station and associated water outlet must be at least 50 feet from and campsite or potable water outlet. If possible, locate the dumping station at a pull over near the campground exit for ease of access and disposal without blocking traffic.

7. A sign must be posted at the sanitary dumping station stating that the adjacent water outlet is “UNSAFE FOR DRINKING”.

8. Water at the dumping station drain must discharge to an approved wastewater disposal system.
Sanitary Dumping Station

Attached are diagrams that indicate acceptable designs and dimensions for sanitary dumping stations and includes details familiar to most campers. The diagrams show a modified air tower, parts and templates available from commercial manufacturers. The parts are readily available from any large plumbing or hardware store. The method of connecting the spring to the hose, and the spring length, is determined in the field.

Plans must be submitted to the Indiana State Department of Health for review and approval prior to the construction. Prior approval ensures that the sanitary dumping station meets construction requirements and is properly located. Questions regarding sanitary dumping stations may be directed to the following:

Indiana State Department of Health
Environmental Health Section
2 North Meridian, 5E
Indianapolis, Indiana 46204
317/233-7175
Trailers
Holding Tank Disposal Instructions
Connect your hose to holding tank.
Place end securely in drain opening while holding cover open with foot.
Open trailer tank drain valve.
Flush away any spillage on concrete into drain.

DANGER
UNSAFE WATER
Potable water available at watering stations.

Vacuum Breaker
Water Tower
Shut-off Valve
Service Box
3-Way Cock w/Extension Handle

Sign A
Rubber Hose
Water Nozzle
Hatch
Frost Line
1' 6" Min.
Vacuum Breaker

Hatch

Sign

Plug & Connection For Compressed Air Hose

Note: Provision Against Freezing in Riser.

Drain Water By Forcing Compressed Air Through 1/2" Drain.

1/2" Drain

Service Box
1 1/4" Tee & Plug

3/4" Water Pipe

1 1/4" Pipe Sleeve

1/2" Bolt

Detail 1
No Scale
Water Tower
See Detail 1

Control Valve
Access Cover

Hatch
See Detail 2

Asphalt or Gravel
Pull Over

6" Thick Concrete
Trowel Smooth
4" Self Closing Foot Operated Cover

Cast Cover in Slab So Lip is Flush For Wash

Detail 2
No Scale

Hatch

Frost Line