

# Dry Hydrant Maintenance

## Aquatic Invasive Species (AIS) Considerations

NOTE: Active Fire Operations are EXEMPT from the decontamination AIS Guidelines!

### When using municipal or well water in truck tank:

1. **Back flush** dry hydrant as per the FD procedures
2. **Draft** natural water to test functionality of the dry hydrant
3. Cycle natural water through pump and to **discharge** back into water source, do not refill tank
4. When test is complete, **drain water** from suction hose, pump, discharge hose and nozzle (NR 329.04 (5a))
5. **Remove** all plant and animal materials from suction hose, pump screen , discharge hose and nozzle (NR 329.04 (5b))
6. **Dispose** of plant and animal materials in trash (NR329.04 (5c))
7. The tank water does NOT need to be drained if the water is discharged in upland areas through suppression or dumping (NR329.04 (5b note))
8. **Refill** truck tank with municipal or well water
9. Allow all equipment and pump to **dry for 5 days** OR steam clean all equipment OR wash equipment with soap and water and rinse with power washer OR disinfect all equipment with 200 ppm chlorine bleach water (NR329.04 5d,e,f,g) Only ONE of the above measures is needed.
10. Must allow the disinfecting by one of the above methods BEFORE testing another dry hydrant on a different natural water body. Testing dry hydrants on the same natural water body is allowed without any disinfecting.

### When using natural water in truck tank:

1. **Drain all water** from truck tank and equipment on upland area.
2. Utilize a portable pump and **refill** tank from natural water body containing the dry hydrant to be maintained.
3. **Back flush** dry hydrant as per the FD procedures
4. **Draft** natural water to test functionality of the dry hydrant
5. **Refill** truck tank
6. When test is complete, **drain water** from suction hose, pump, discharge hose and nozzle from **both** the portable pump system and the truck pump system (NR 329.04 (5a))
7. **Remove** all plant and animal materials from suction hose, pump screen , discharge hose and nozzle from both the portable pump system and the truck pump system (NR 329.04 (5b))
8. **Dispose** of plant and animal materials in trash (NR329.04 (5c))
9. The tank water does NOT need to be drained if the water is discharged in upland areas through suppression or dumping (NR329.04 (5b note))
10. Allow all equipment and pump to **dry for 5 days** OR steam clean all equipment OR wash equipment with soap and water and rinse with power washer OR disinfect all equipment with 200 ppm chlorine bleach water (NR329.04 5d,e,f,g) Only ONE of the above measures is needed.
11. Must allow the disinfecting by one of the above methods BEFORE testing another dry hydrant on a different natural water body. Testing dry hydrants on the same natural water body is allowed without any disinfecting.