



Arizona Game and Fish Department Aquatic Invasive Species Decontamination Procedures

Revised 2-17-2010

DAY USERS: Any watercraft, boats, vehicles, conveyances, or other equipment that have been in or on waters where aquatic invasive species are present for 5 days or less.

Day use watercraft, boats, vehicles, equipment, or conveyances have the potential to carry live larval invasive species to other uninfected bodies of water. To clean/decontaminate your watercraft, boat, vehicle, equipment, or conveyance, the following steps should be taken:

Day Use Decontamination Procedures:

Step 1. *Before Leaving the Vicinity of the AIS Listed Water*, remove any clinging material such as plants, animals and mud from anchor, boat, motor, and trailer.

Step 2. *Before Leaving the Vicinity of the AIS Listed Water*, remove the plug (if applicable) and drain the water from the bilge, live-well and any other compartments that could hold water. Drain water from engine and engine cooling system(s).

Step 3. Ensure watercraft, vehicle, equipment, or conveyance are allowed to dry completely.

IF USING BOAT AGAIN IN LESS THAN FIVE DAYS FROM PREVIOUS USE:

Step 4. Replace bilge drain plug and disinfect the bilge by pouring in not less than one gallon of vinegar; the vinegar can be drained from the bilge upon arrival at home (vinegar can be reused several times).

NOTES:

- It is unlawful to transport live Quagga or Zebra mussels under Arizona Revised Statutes § 17-309 and § 17-255.02, Arizona Game and Fish Commission Order 42, and Arizona Administrative Code (Arizona Game and Fish Commission) Rule R12-4-406. Any violations of these statutes may result in a citation.
- Procedures are based on standards set forth by the Western Regional Panel on Aquatic Invasive Species and 100th Meridian recommendations for the abatement of aquatic invasive species.



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LONG TERM USERS AND MOORED BOATS: Any watercraft, boats, vehicles, equipment, or conveyances that have been in or on waters where aquatic invasive species are present for more than 5 days.

Watercraft, boats, vehicles, equipment or conveyances that have been moored in waters that are infested with quagga or zebra mussels for longer than five days will likely be heavily contaminated with larval mussels. Watercraft that have been moored longer than a few weeks or months will be heavily contaminated with attached adult mussels. Typically these boats/vessels are very large with many through hull fittings and internal equipment that resists even the most thorough and meticulous decontamination effort. Therefore, mandatory decontamination procedures for these vessels must include minimum dry times.

To disinfect visible attached muscles from your watercraft, vehicle, equipment, or conveyance, the following steps should be taken before leaving the AIS Listed Water or at a location approved in advance by the Arizona Game and Fish Department:

Long Term Moored Boat Decontamination Procedures:

- Step 1. Remove any clinging material such as plants, animals and mud from anchor, boat, motor, equipment and trailer.
- Step 2. Remove the plug (if applicable) and drain the water from the bilge, live-well and any other compartments that could hold water. Drain water from engine and engine cooling systems(s).
- Step 3. Physically remove all visible attached mussels from boat surfaces, motors, impellers, outdrives, rudders, anchor(s) and through hull fittings.
- Step 4. Flush engine and cooling system and any other through hull fittings with hot water that is exiting those areas at 140 degree Fahrenheit for ten to thirty seconds.
- Step 5. Keep the boat out of the water and ensure all areas of the boat are dry, including bilge, through hull fittings and engine, for a minimum of 18 consecutive days during the months of November through April and 7 consecutive days from May through October.

NOTES:

- It is unlawful to transport live Quagga or Zebra mussels under Arizona Revised Statutes § 17-309 and § 17-255.02, Arizona Game and Fish Commission Order 42, and Arizona Administrative Code (Arizona Game and Fish Commission) Rule R12-4-406. Any violations of these statutes may result in a citation.
- Procedures are based on standards as set forth by the Western Regional Panel on Aquatic Invasive Species and 100th Meridian recommendations for the abatement of aquatic invasive species. Per the 100th Meridian Quarantine Estimator, desiccation dry times have been identified for central and western Arizona desert areas; colder and more humid areas will require longer dry times. **Dry time begins when the boat is completely dry, not when the boat is pulled from the water.**