

AGENCY RECEIPT
NOTICE OF PUBLIC INFORMATION
ARIZONA GAME AND FISH COMMISSION

SECRETARY OF STATE

2018 NOV 19 PM 4:14

FILED

1. Agency Name: Arizona Game and Fish Commission
2. Identifying information for the type of notice filed, such as a title or subject:
Director's Order 1 - R09/18 – Listing of Aquatic Invasive Species for Arizona, Effective September 1, 2018

NOTICE OF PUBLIC INFORMATION
ARIZONA GAME AND FISH DEPARTMENT

2018 NOV 19 PM 4: 14

DIRECTOR'S ORDER 1 – R09/18 – AQUATIC INVASIVE SPECIES FILED
LISTING OF AQUATIC INVASIVE SPECIES FOR ARIZONA
EFFECTIVE - SEPTEMBER 15, 2018

Under A.R.S. § 17-255, "aquatic invasive species" means any aquatic species that is not native to the ecosystem under consideration and whose introduction or presence may cause economic or environmental harm or harm to human health.

Effective September 15, 2018, the Arizona Game and Fish Department, under the authority of A.R.S. § 17-255.01(B), establishes this updated list of aquatic invasive species for the State of Arizona:

AQUATIC INVASIVE SPECIES: ANIMALS		
Common Name	Scientific Name	Status in Arizona
Apple Snail	<i>Pomocea spp.</i>	Present in Arizona: Confirmed in 2011.
Asian Carp Bighead Carp Black Carp Silver Carp	<i>Aristichthys nobilis</i> <i>Mylopharyngodon piceus</i> <i>Hypophthalmichthys molotrix</i>	No verified presence: Poses an imminent threat from illegal stocking. Triploid grass carp/white amur <i>Ctenopharyngodon idella</i> , is present and regulated through permits in Arizona.
Golden Mussel	<i>Limnoperna fortunei</i>	No verified presence: Poses an imminent threat. Golden Mussels are similar in appearance to Quagga and Zebra mussels.
New Zealand Mudsnail	<i>Potamopyrgus antipodarum</i>	Present in Arizona: Confirmed in 2002.
Quagga Mussel	<i>Dreissena bugensis</i>	Present in Arizona: Confirmed in 2007.
Red Claw Crayfish	<i>Cherax quadricarinatus</i>	No verified presence: Poses an imminent threat. No positive identification noted among current Arizona crayfish populations.
Rusty Crayfish	<i>Orconectes rusticus</i>	No verified presence: Poses an imminent threat. No positive identification noted among current Arizona crayfish populations.
All Snakehead spp	Family: Channidae	No verified presence: Poses an imminent

	Genus: <i>Channa spp.</i> <i>Parachanna spp.</i>	threat from illegal stocking.
Waterflea Spiny Fishhook	<i>Bythotrephes longimanus</i> <i>Cercopagis pengoi</i>	No verified presence: Poses an imminent threat.
Zebra Mussel	<i>Dreissena polymorpha</i>	No verified presence: Poses an imminent threat. Zebra Mussels are similar in appearance to the Quagga Mussel.

AQUATIC INVASIVE SPECIES: PLANTS AND ALGAE		
Common Name	Scientific Name	Status in Arizona
Didymo, a.k.a. Rock Snot	<i>Didymosphenia geminata</i>	Present in Arizona: Confirmed in 2009.
Giant Salvinia	<i>Salvinia molesta</i>	Present in Arizona: Confirmed in 1999.
Golden Alga	<i>Prymnesium parvum</i>	Present in Arizona: Confirmed in 2005.
Hydrilla	<i>Hydrilla verticillata</i>	Detected in Arizona.
Water Hyacinth	<i>Eichhornia crassipes</i>	Present in Arizona: Confirmed in 2016.

The name and address of agency personnel with whom persons may communicate regarding this Order:

Name: Erin Raney, Aquatic Invasive Species Program Coordinator

Address: Arizona Game and Fish Department, WMAQ
5000 W. Carefree Highway, Phoenix, AZ 85086-5000

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1. Agency Name: Arizona Game and Fish Commission

2. Identifying information for the type of notice filed, such as a title or subject:

Director's Order 2 - R09/18 – Designation of Waters or Locations Where Listed Aquatic Invasive Species are Present, Effective September 1, 2018

NOTICE OF PUBLIC INFORMATION
 ARIZONA GAME AND FISH DEPARTMENT

2018 NOV 19 PH 4:15

DIRECTOR'S ORDER 2 -- R09/18 -- AQUATIC INVASIVE SPECIES **FILED**
 DESIGNATION OF WATERS OR LOCATIONS WHERE LISTED
 AQUATIC INVASIVE SPECIES ARE PRESENT
 EFFECTIVE - SEPTEMBER 15, 2018

Effective September 15, 2018, the Arizona Game and Fish Department, under the authority of A.R.S. § 17-255.01(B), establishes this updated list of waters or locations where listed aquatic invasive species are suspected or known to be present. The listing of aquatic invasive species in Arizona is established under the Arizona Game and Fish Department Director's Order 1 – R09/18, 24, A.A.R. *Register Editor insert page number*, December 14, 2018.

LISTING OF WATERS, LOCATIONS, AND AQUATIC INVASIVE SPECIES BY COUNTY
Coconino County
Lake Powell: Quagga Mussel
Lees Ferry: New Zealand Mudsnaill, Quagga Mussel, Didymo
Gila County
Roosevelt Lake (Tonto National Forest): Golden Algae
La Paz County
Lower Colorado River (Parker to Yuma): Giant Salvinia, Quagga Mussel
Maricopa County
Alvord Lake (Phoenix): Golden Algae
Andersen Springs (Chandler): Golden Algae
Apache Lake (Tonto National Forest): Golden Algae, Quagga Mussel
Aqua Fria River: Water Hyacinth
Canyon Lake (Tonto National Forest): Golden Algae, Quagga Mussel
Central Arizona Project (CAP) canals: Quagga Mussel
Chandler West (Chandler) : Golden Algae
Cortez Lake (Phoenix) : Golden Algae
Desert West Lake (Phoenix) : Golden Algae
Eldorado Pond (Scottsdale): Apple Snail
Garden Lakes (Avondale) : Golden Algae
Lakewood Park (Phoenix) : Golden Algae
Lake Pleasant: Quagga Mussel
Lower Salt River: Apple Snail
Oakwood Lakes (Chandler): Golden Algae
Ocotillo Lakes (Chandler) : Golden Algae

Papago Ponds (Phoenix): Golden Algae, Water Hyacinth
Phoenix Zoo Pond (Phoenix): Golden Algae
Pinelake Estates (Chandler): Golden Algae
Riverview Lake (Mesa): Golden Algae
Red Mountain Park Lake (Mesa): Apple Snail, Quagga Mussel
Roosevelt Lake (Tonto National Forest): Golden Algae
Saguaro Lake (Tonto National Forest): Golden Algae, Quagga Mussel
Salt River Project (SRP) Canals: Quagga Mussel
Summit Lake Apartment (Chandler): Golden Algae
Tempe Town Lake (Tempe): Apple Snail, Golden Algae
The Foothills Estates (Phoenix): Golden Algae
The Islands Estates (Gilbert): Golden Algae
The Lakes Estates (Tempe): Golden Algae
Val Vista Lakes (Gilbert): Golden Algae
Verde River (Barlett Dam to Salt River confluence): Apple Snail
Veteran's Oasis Lake (Chandler): Golden Algae
Water Ranch Lake (Gilbert): Golden Algae
Mohave County
Beal Lake (Topock Marsh): Golden Algae, Quagga Mussel
Lake Havasu: Golden Algae, Quagga Mussel
Lake Mead: New Zealand Mudsail, Quagga Mussel
Lake Mohave: New Zealand Mudsail, Quagga Mussel
Lower Colorado River (below Davis Dam): Didymo, Quagga Mussel
Pima County
King Canyon (ephemeral stream): Water Hyacinth
Lakeside Lake (Tucson): Golden Algae
Lower Tanque Verde Creek: Water Hyacinth
Santa Cruz River (Arroyo Chico): Water Hyacinth
Pinal County
Kearny Park Lake (Kearny): Golden Algae
Yavapai County
Aqua Fria River: Water Hyacinth
Oak Creek (Page Springs): Water Hyacinth
Yuma County
Imperial Reservoir: Quagga Mussel
Lower Colorado River: Apple Snail, Giant Salvinia, Quagga Mussel, Water Hyacinth
Martinez Lake: Quagga Mussel

Mittry Lake: Quagga Mussel

The name and address of agency personnel with whom persons may communicate regarding this Order:

Name: Erin Raney Aquatic Invasive Species Program Coordinator

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5000 W. Carefree Highway, Phoenix, AZ 85086-5000

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1. Agency Name: Arizona Game and Fish Commission

2. Identifying information for the type of notice filed, such as a title or subject:

Director's Order 3 - R09/18 – Mandatory Conditions on the Movement of Watercraft, Vehicles, Conveyances, or Other Equipment from Listed Waters Where Aquatic Invasive Species Are Present, Effective September 1, 2018

NOTICE OF PUBLIC INFORMATION
ARIZONA GAME AND FISH DEPARTMENT

2018 NOV 19 PM 4:15

FILED

**DIRECTOR'S ORDER 3 -- R09/18 -- AQUATIC INVASIVE SPECIES
MANDATORY CONDITIONS ON THE MOVEMENT OF WATERCRAFT, VEHICLES,
CONVEYANCES, OR OTHER EQUIPMENT FROM LISTED WATERS WHERE AQUATIC INVASIVE
SPECIES ARE PRESENT, EFFECTIVE -- SEPTEMBER 1, 2018**

Effective September 15, 2018, the Arizona Game and Fish Department, under the authority of A.R.S. § 17-255.01(B), establishes these updated mandatory conditions for movement of watercraft, vehicles, conveyances, or other equipment necessary to abate, eradicate, or prevent the spread of listed aquatic invasive species within or from those waters or locations listed in Arizona Game and Fish Department - Director's Order 2, 24, A.A.R. *Register Editor insert page number*, December 14, 2018.

MANDATORY CONDITIONS AND PROTOCOLS FOR MOVEMENT FROM AQUATIC INVASIVE SPECIES LISTED WATERS/LOCATIONS	
Day Use	<p>The following protocols shall be taken for watercraft, vehicles, conveyances, or other equipment (e.g., life jacket, buoys, ropes, anchor, etc.) that have been in or on waters or locations listed in Director's Order 2 for no more than five (5) consecutive days. Upon removing watercraft, vehicles, conveyances, or other equipment from any listed waters in Arizona and prior to transport:</p> <ol style="list-style-type: none"> 1. Remove any clinging material such as plants, algae, animals, and mud from anchor, boat, motor, trailer, and all other equipment. 2. Remove all drainage plug(s) (when so equipped) and drain the water from the bilge, live-well and any other compartments that may hold water. Drain water from engine, engine compartments, and engine cooling systems. Ensure plugs and devices remain removed or open during transport. 3. Dry completely. Allow watercraft, vehicles, conveyances, or other equipment to dry completely prior to use in any other Arizona waters. For watercraft, vehicles, conveyances, or other equipment that cannot be completely drained (e.g., ballast tanks, inboard/outboard engines, etc.): <ol style="list-style-type: none"> a. Before using watercraft, vehicles, conveyances, or other equipment in a different water body within seven (7) or fewer days from May through October or eighteen (18) or fewer days from November through April after removing watercraft, vehicles, conveyances, or other equipment from a listed water, the Department highly recommends the owner/operator contact the Department's Aquatic Invasive Species program to schedule an inspection to determine whether decontamination of watercraft, vehicles, conveyances, or

	<p>other equipment is necessary.</p> <p>b. Prior to transporting watercraft, vehicles, conveyances, or other equipment, the authorized employee or certified agent conducting the inspection/decontamination shall issue a seal and inspection receipt to the owner/operator as proof of inspection and/or decontamination and submit a record of the inspection and/or decontamination to the Department.</p>
<p>Long Term Use</p>	<p>The following protocols shall be taken for any watercraft, vehicles, conveyances, or other equipment that have been in or on waters or locations listed in Director's Order 2 for six (6) or more consecutive days. Upon removing watercraft, vehicles, conveyances, or other equipment from any listed waters in Arizona and prior to transport:</p> <ol style="list-style-type: none"> 1. Contact the Department's Aquatic Invasive Species Program within 48 hours of departure to schedule an inspection and, if required, decontamination where authorized watercraft decontamination facilities exist (private or government) at (623) 236-7608. 2. Remove any clinging material such as plants, algae, animals, and mud from anchor, boat, motor, trailer, and all other equipment. 3. Remove all drainage plug(s) (when so equipped) and drain the water from the bilge, live-well and any other compartments that may hold water. Drain water from engine, engine compartments, and engine cooling systems. Ensure plugs and devices remain removed or open during transport. 4. Dry completely. Keep watercraft, vehicles, conveyances, or other equipment out of water and completely dry, including bilge, through hull fittings, and engine, for no less than: <ol style="list-style-type: none"> a. Eighteen (18) consecutive days during the months of November through April, and b. Seven (7) consecutive days during the months of May through October. 5. After an inspection has occurred and prior to transporting watercraft, vehicles, conveyances, or other equipment, an authorized employee or certified agent conducting the inspection shall issue a seal and inspection receipt to the owner/operator as proof of inspection and/or decontamination and submit a record of the inspection and/or decontamination to the Department.
<p>All Watercraft, Vehicles, Conveyances, and Equipment</p>	<p>If suspected or documented aquatic invasive species are found on a watercraft, vehicles, conveyances, or other equipment in the State of Arizona, an authorized employee or certified agent is required to inspect the watercraft, vehicles, conveyances, or other equipment and may order the owner/operator to decontaminate or cause to be decontaminated such watercraft, vehicle, conveyance, or equipment prior to placing the watercraft, vehicles, conveyances, or other equipment in or on any other water body.</p>
<p>MANDATORY PROTOCOLS FOR OTHER EQUIPMENT (NON-WATERCRAFT) REMOVED FROM AQUATIC INVASIVE SPECIES LISTED WATERS/LOCATIONS</p>	
<p>Equipment,</p>	<p>The following protocols shall be taken for any equipment that has been in or on waters or</p>

<p>including but not limited to: waders, boots, nets, tackle,</p>	<p>locations listed in Director's Order 2:</p> <p>Inspect and thoroughly clean the equipment. Remove any visible plants, algae, animals, and mud and disinfect the equipment using any one or more of the following decontamination methods:</p> <p>Option 1. Submerge equipment in a mixture of water and quaternary ammonium based cleaner (6 .oz quaternary ammonium per one gallon of water) for 20 minutes.</p> <p>Option 2. Soak equipment in 140° F water for 10 minutes.</p> <p>Option 3. Freeze equipment overnight.</p> <p>Option 4. Completely dry equipment for at least 7 consecutive days from May through October or 18 consecutive days from November through April.</p>
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1. A.R.S. 17-255.01(C)(1); Watercraft, vehicles, conveyances, or other equipment are subject to inspection upon entry into this state, during overland transport within this state, or upon departure from any water or location listed in Arizona Game and Fish Department - Director's Order 2, effective September 15, 2018.
2. A.R.S. 17-255.01(C)(3); A person departing from any water or location listed in Director's Order 2 may be required to decontaminate watercraft, vehicles, conveyances, or other equipment in the manner required by Order.
3. A.R.S. 17-255.01(C)(3); Authorized agents may perform inspections and decontaminations at Department authorized locations on behalf of the Arizona Game and Fish Department. An authorized agent must possess a current, valid Watercraft Inspection and Decontamination Certification from Arizona Game and Fish Department to be authorized by the Department.
4. A.R.S. 17-255.02(1); A person shall not possess, import, ship, or transport into or within the State of Arizona Aquatic Invasive Species listed under Arizona Game and Fish Department - Director's Order 1, effective September 15, 2018; 24, A.A.R. *Register Editor insert page number*, December 14, 2018.
5. A.R.S. 17-255.02(2); A person shall not release, place or plant an aquatic invasive species identified in Arizona Game and Fish Department – Director's Order 1, effective September 15, 2018, into waters of this state or into any water treatment facility, water supply or water transportation facility, device or mechanism.
6. A.R.S. 17-255.02(3); A person shall not place in any waters of this state any equipment, watercraft, vessel, vehicle or conveyance that has been in any water or location listed in Arizona Game and Fish Department- Director's Order 2, effective September 15, 2018.
7. A. R. S. 17-255.02(4); A person shall not sell, purchase, barter or exchange an aquatic invasive species identified in Arizona Game and Fish Department – Director's Order 1, effective September 15, 2018.

The name and address of agency personnel with whom persons may communicate regarding this Order:

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