

NATURAL RESOURCE COMMISSION[571]

Adopted and Filed

Rulemaking related to aquaculture

The Natural Resource Commission (Commission) hereby rescinds Chapter 89, “Aquaculture,” Iowa Administrative Code, and adopts a new Chapter 89 with the same title.

Legal Authority for Rulemaking

This rulemaking is adopted under the authority provided in Iowa Code sections 481A.142 and 481A.143.

State or Federal Law Implemented

This rulemaking implements, in whole or in part, Iowa Code sections 481A.142 and 481A.143 and Executive Order 10.

Purpose and Summary

Chapter 89 regulates the sale and propagation of fish, reptiles, and amphibians within the aquaculture industry. The rules include a list of species that are approved for use in aquaculture and a list of diseases that require monitoring and reporting. Additional provisions allow for the permitting of species not on the approved list, while prohibiting the possession and importation of certain species. These rules are intended to reduce the risk of invasive species introductions or the spread of disease from captive to wild populations. This chapter has been reviewed and edited consistent with Executive Order 10.

Public Comment and Changes to Rulemaking

Notice of Intended Action for this rulemaking was published in the Iowa Administrative Bulletin on January 7, 2026, as **ARC 9904C**. A public hearing was held on the following date(s):

- January 28, 2026
- February 4, 2026

No one attended the public hearings. No public comments were received. No changes from the Notice have been made.

Adoption of Rulemaking

This rulemaking was adopted by the Commission on April 9, 2026.

Fiscal Impact

This rulemaking has no fiscal impact to the State of Iowa.

Jobs Impact

After analysis and review of this rulemaking, no impact on jobs has been found.

Waivers

This rulemaking is subject to the waiver provisions of 571—Chapter 11. Any person who believes that the application of the discretionary provisions of this rulemaking would result in hardship or injustice to that person may petition the Commission for a waiver of the discretionary provisions, if any.

Review by Administrative Rules Review Committee

The Administrative Rules Review Committee, a bipartisan legislative committee which oversees rulemaking by executive branch agencies, may, on its own motion or on written request by any

individual or group, review this rulemaking at its [regular monthly meeting](#) or at a special meeting. The Committee's meetings are open to the public, and interested persons may be heard as provided in Iowa Code section 17A.8(6).

Effective Date

This rulemaking will become effective on June 17, 2026.

The following rulemaking action is adopted:

ITEM 1. Rescind 571—Chapter 89 and adopt the following **new** chapter in lieu thereof:

CHAPTER 89
AQUACULTURE

571—89.1(481A) Approved aquaculture species. The following approved aquaculture species may be propagated and sold:

FISH

American Eel	<i>Anguilla rostrata</i>
Banded Darter	<i>Etheostoma zonale</i>
Banded Killifish	<i>Fundulus diaphanus</i>
Bigmouth Buffalo	<i>Ictiobus cyprinellus</i>
Bigmouth Shiner	<i>Ericymba dorsalis</i>
Black Buffalo	<i>Ictiobus niger</i>
Black Bullhead	<i>Ameiurus melas</i>
Black Crappie	<i>Pomoxis nigromaculatus</i>
Blackchin Shiner	<i>Miniellus heterodon</i>
Blacknose Dace	<i>Rhinichthys atratulus</i>
Blackside Darter	<i>Percina maculata</i>
Blackstripe Topminnow	<i>Fundulus notatus</i>
Blue Catfish	<i>Ictalurus furcatus</i>
Blue Sucker	<i>Cycleptus elongatus</i>
Bluegill and Hybrids	<i>Lepomis macrochirus</i>
Bluntnose Minnow	<i>Pimephales notatus</i>
Bowfin	<i>Amia calva</i>
Brassy Minnow	<i>Hybognathus hankinsoni</i>
Brook Silverside	<i>Labidesthes sicculus</i>
Brook Stickleback	<i>Culaea inconstans</i>
Brook Trout	<i>Salvelinus fontinalis</i>
Brown Bullhead	<i>Ameiurus nebulosus</i>
Brown Trout	<i>Salmo trutta</i>
Bullhead Minnow	<i>Pimephales vigilax</i>
Central Mudminnow	<i>Umbra limi</i>
Central Stoneroller	<i>Campostoma anomalum</i>
Channel Catfish	<i>Ictalurus punctatus</i>
Common Carp	<i>Cyprinus carpio</i>
Common Shiner	<i>Luxilus cornutus</i>
Creek Chub	<i>Semotilus atromaculatus</i>
Crystal Darter	<i>Crystallaria asprella</i>

Emerald Shiner	<i>Notropis atherinoides</i>
Fantail Darter	<i>Etheostoma flabellare</i>
Fathead Minnow and Hybrids	<i>Pimephales promelas</i>
Flathead Catfish	<i>Pylodictis olivaris</i>
Flathead Chub	<i>Platygobio gracilis</i>
Freshwater Drum	<i>Aplodinotus grunniens</i>
Ghost Shiner	<i>Paranotropis buchanani</i>
Gilt Darter	<i>Percina evides</i>
Gizzard Shad	<i>Dorosoma cepedianum</i>
Golden Redhorse	<i>Moxostoma erythrurum</i>
Golden Shiner	<i>Notemigonus crysoleucas</i>
Goldeye	<i>Hiodon alosoides</i>
Goldfish	<i>Carassius auratus</i>
Grass Carp	<i>Ctenopharyngodon idella</i>
Gravel Chub	<i>Erimystax x-punctatus</i>
Greater Redhorse	<i>Moxostoma valenciennesi</i>
Green Sunfish	<i>Lepomis cyanellus</i>
Highfin Carpsucker	<i>Carpionodes velifer</i>
Hornyhead Chub	<i>Nocomis biguttatus</i>
Iowa Darter	<i>Etheostoma exile</i>
Ironcolor Shiner	<i>Alburnops chalybaeus</i>
Johnny Darter	<i>Etheostoma nigrum</i>
Lake Chub	<i>Couesius plumbeus</i>
Largemouth Bass	<i>Micropterus salmoides</i>
Largescale Stoneroller	<i>Campostoma oligolepis</i>
Longear Sunfish	<i>Lepomis megalotis</i>
Longnose Dace	<i>Rhinichthys cataractae</i>
Longnose Gar	<i>Lepisosteus osseus</i>
Mimic Shiner	<i>Paranotropis volucellus</i>
Mississippi Silvery Minnow	<i>Hybognathus nuchalis</i>
Mooneye	<i>Hiodon tergisus</i>
Western Mosquitofish	<i>Gambusia affinis</i>
Mottled Sculpin	<i>Cottus bairdii</i>
Mud Darter	<i>Etheostoma asprigene</i>
Muskellunge and Hybrids	<i>Esox masquinongy</i>
Northern Hog Sucker	<i>Hypentelium nigricans</i>
Logperch	<i>Percina caprodes</i>
Northern Pike	<i>Esox lucius</i>
Rock Bass	<i>Ambloplites rupestris</i>
Orangespotted Sunfish	<i>Lepomis humilis</i>
Ozark Minnow	<i>Miniellus nubilus</i>
Pallid Shiner	<i>Hybopsis amnis</i>
Pirate Perch	<i>Aphredoderus sayanus</i>
Plains Minnow	<i>Hybognathus placitus</i>
Plains Topminnow	<i>Fundulus sciadicus</i>
Pugnose Minnow	<i>Opsopoeodus emiliae</i>

Pumpkinseed	<i>Lepomis gibbosus</i>
Quillback	<i>Carpionodes cyprinus</i>
Rainbow Darter	<i>Etheostoma caeruleum</i>
Rainbow Smelt	<i>Osmerus mordax</i>
Rainbow Trout	<i>Oncorhynchus mykiss</i>
Red Shiner	<i>Cyprinella lutrensis</i>
Redear Sunfish and Hybrids	<i>Lepomis microlophus</i>
Redfin Shiner	<i>Lythrurus umbratilis</i>
Redside Dace	<i>Clinostomus elongatus</i>
River Carpsucker	<i>Carpionodes carpio</i>
River Darter	<i>Percina shumardi</i>
River Redhorse	<i>Moxostoma carinatum</i>
River Shiner	<i>Alburnops blennius</i>
Rosyface Shiner	<i>Notropis rubellus</i>
Sand Shiner	<i>Miniellus stramineus</i>
Sauger and Hybrids	<i>Sander canadensis</i>
Shorthead Redhorse	<i>Moxostoma macrolepidotum</i>
Shortnose Gar	<i>Lepisosteus platostomus</i>
Shovelnose Sturgeon	<i>Scaphirhynchus platyrhynchus</i>
Sicklefin Chub	<i>Macrhybopsis meeki</i>
Silver Chub	<i>Macrhybopsis storeriana</i>
Silver Lamprey	<i>Ichthyomyzon unicuspis</i>
Silver Redhorse	<i>Moxostoma anisurum</i>
Silverband Shiner	<i>Paranotropis shumardi</i>
Skipjack Herring	<i>Alosa chrysochloris</i>
Slender Madtom	<i>Noturus exilis</i>
Slenderhead Darter	<i>Percina phoxocephala</i>
Slimy Sculpin	<i>Cottus cognatus</i>
Smallmouth Bass	<i>Micropterus dolomieu</i>
Smallmouth Buffalo	<i>Ictiobus bubalus</i>
Southern Redbelly Dace	<i>Chrosomus erythrogaster</i>
Speckled Chub	<i>Macrhybopsis aestivalis</i>
Spotfin Shiner	<i>Cyprinella spiloptera</i>
Spottail Shiner	<i>Hudsonius hudsonius</i>
Spotted Bass	<i>Micropterus punctulatus</i>
Spotted Sucker	<i>Minytrema melanops</i>
Starhead Topminnow	<i>Fundulus dispar</i>
Stonecat	<i>Noturus flavus</i>
Striped Bass and Hybrids	<i>Morone saxatilis</i>
Sturgeon Chub	<i>Macrhybopsis gelida</i>
Suckermouth Minnow	<i>Phenacobius mirabilis</i>
Tadpole Madtom	<i>Noturus gyrinus</i>
Topeka Shiner	<i>Miniellus topeka</i>
Trout-perch	<i>Percopsis omiscomaycus</i>
Walleye and Hybrids	<i>Sander vitreus</i>
Warmouth	<i>Lepomis gulosus</i>

Western Silvery Minnow	<i>Hybognathus argyritis</i>
White Bass and Hybrids	<i>Morone chrysops</i>
White Crappie	<i>Pomoxis annularis</i>
White Sucker	<i>Catostomus commersonii</i>
Yellow Bass	<i>Morone mississippiensis</i>
Yellow Bullhead	<i>Ameiurus natalis</i>
Yellow Perch	<i>Perca flavescens</i>

AMPHIBIANS

Bullfrog	<i>Lithobates catesbeianus</i>
Leopard Frog	<i>Lithobates pipiens</i>

REPTILES

Common Snapping Turtle	<i>Chelydra serpentina serpentina</i>
Painted Turtle	<i>Chrysemys picta</i>
Smooth Softshell	<i>Apalone mutica</i>

571—89.2(481A) Importation permit. An importation permit is required to receive, propagate or sell in the state any aquaculture species not listed in 571—89.1(481A). In addition, aquaculture units shall not import live fish, viable eggs, or semen of any species of the salmonid family (trout, salmon or char) and ictalurid family (catfishes and bullheads) unless the owner or operator possesses a fish importation permit. Importation permits may be applied for on forms provided by the department.

571—89.3(481A) Disease-free certification. Importation permits will not be issued for live fish, viable eggs, or semen of any species of the salmonid family (trout, salmon or char) unless the owner or operator of an aquaculture unit provides a statement certifying the fish, eggs or semen to be free of the following diseases.

89.3(1) Diseases detrimental to the state's fishery resources.

- Viral Hemorrhagic Septicemia (VHS)
- Infectious Pancreatic Necrosis (IPN)
- Whirling Disease (*Myxosoma cerebralis*)
- Infectious Hematopoietic Necrosis (IHN)
- Ceratomyxosis (*Ceratomyxa shasta*)
- Bacterial Kidney Disease (*R. salmoninarium*)
- Proliferative Kidney Disease (PKD)
- Enteric Redmouth (*Yersinia ruckeri*)
- Vibriosis (*vibrio sp.*)

89.3(2) Reportable diseases. Reportable diseases are detrimental to individual aquaculture units and may be detrimental to wild fish populations. Reportable diseases are Enteric Septicemia of Catfish (*Edwardsiella ictaluri*) (ESC), Channel Catfish Virus Disease (CCVD) and Furunculosis (*Aeromonas salmonicida*). Disease certification statements are required for the diseases prior to importation of any live fish, viable eggs, or semen of any species of the Ictalurid (catfishes and bullheads) and Salmonid (trout, salmon and char) families. Importation permits will be considered on a case-by-case basis for fish with reportable diseases.

89.3(3) Certified pathologists for inspection. All disease certification statements must be issued by approved certified pathologists. A list of approved certified pathologists will be made available to the owner or operator of the aquaculture unit requesting a fish importation permit.

These rules are intended to implement Iowa Code sections 481A.142 and 481A.143.

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