

# NORTH CAROLINA MARINE FISHERIES COMMISSION RULES

APRIL 1, 2020



## SUPPLEMENT – JUNE 1, 2022

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**NORTH CAROLINA ADMINISTRATIVE CODE  
TITLE 15A – ENVIRONMENTAL QUALITY  
CHAPTER 03 – MARINE FISHERIES**

THE FOLLOWING RULES ARE READOPTED, AMENDED, OR REPEALED  
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## **NORTH CAROLINA ADMINISTRATIVE CODE TITLE 15A – ENVIRONMENTAL QUALITY CHAPTER 18 – ENVIRONMENTAL HEALTH**

THE FOLLOWING RULES ARE READOPTED OR REPEALED  
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**NORTH CAROLINA ADMINISTRATIVE CODE  
TITLE 15A – ENVIRONMENTAL QUALITY  
CHAPTER 03 – MARINE FISHERIES**

**SUBCHAPTER 03I – GENERAL RULES**

**SECTION .0100 – GENERAL RULES**

**15A NCAC 03I .0101     DEFINITIONS**

All definitions set out in G.S. 113, Subchapter IV and the following additional terms shall apply to this Chapter:

- (1) enforcement and management terms:
  - (a) "Commercial quota" means total quantity of fish allocated for harvest by commercial fishing operations.
  - (b) "Educational institution" means a college, university, or community college accredited by an accrediting agency recognized by the U.S. Department of Education; an Environmental Education Center certified by the N.C. Department of Environmental Quality Office of Environmental Education and Public Affairs; or a zoo or aquarium certified by the Association of Zoos and Aquariums.
  - (c) "Internal Coastal Waters" or "Internal Waters" means all Coastal Fishing Waters except the Atlantic Ocean.
  - (d) length of finfish:
    - (i) "Curved fork length" means a length determined by measuring along a line tracing the contour of the body from the tip of the upper jaw to the middle of the fork in the caudal (tail) fin.
    - (ii) "Fork length" means a length determined by measuring along a straight line the distance from the tip of the snout with the mouth closed to the middle of the fork in the caudal (tail) fin, except that fork length for billfish is measured from the tip of the lower jaw to the middle of the fork of the caudal (tail) fin.
    - (iii) "Pectoral fin curved fork length" means a length of a beheaded fish from the dorsal insertion of the pectoral fin to the fork of the tail measured along the contour of the body in a line that runs along the top of the pectoral fin and the top of the caudal keel.
    - (iv) "Total length" means a length determined by measuring along a straight line the distance from the tip of the snout with the mouth closed to the tip of the compressed caudal (tail) fin.
  - (e) "Nongovernmental conservation organization" means an organization whose primary mission is the conservation of natural resources.
  - (f) "Polluted" means any shellfish growing waters as defined in 15A NCAC 18A .0901:
    - (i) that are contaminated with fecal material, pathogenic microorganisms, poisonous or deleterious substances, or marine biotoxins that render the consumption of shellfish from those growing waters hazardous;
    - (ii) that have been determined through a sanitary survey as defined in 15A NCAC 18A .0901 to be adjacent to a sewage treatment plant outfall or other point source outfall with public health significance;
    - (iii) that have been determined through a sanitary survey as defined in 15A NCAC 18A .0901 to be in or adjacent to a marina;
    - (iv) that have been determined through a sanitary survey as defined in 15A NCAC 18A .0901 to be impacted by other potential sources of pollution that render the consumption of shellfish from those growing waters hazardous; or
    - (v) where the Division of Marine Fisheries is unable to complete the monitoring necessary to determine the presence of contamination or potential pollution sources.
  - (g) "Recreational possession limit" means restrictions on size, quantity, season, time period, area, means, and methods where take or possession is for a recreational purpose.
  - (h) "Recreational quota" means total quantity of fish allocated for harvest for a recreational purpose.
  - (i) "Regular closed oyster season" means March 31 through October 15, unless amended by the Fisheries Director through proclamation authority.
  - (j) "Scientific institution" means one of the following entities:
    - (i) an educational institution as defined in this Item;
    - (ii) a state or federal agency charged with the management of marine or estuarine resources; or
    - (iii) a professional organization or secondary school working under the direction of, or in compliance with mandates from, the entities listed in Sub-items (j)(i) and (ii) of this Item.
- (2) fishing activities:



- (a) "Aquaculture operation" means an operation that produces artificially propagated stocks of marine or estuarine resources, or other non-native species that may thrive if introduced into Coastal Fishing Waters, or obtains such stocks from permitted sources for the purpose of rearing on private bottom (with or without the superadjacent water column) or in a controlled environment. A controlled environment provides and maintains throughout the rearing process one or more of the following:
    - (i) food;
    - (ii) predator protection;
    - (iii) salinity;
    - (iv) temperature controls; or
    - (v) water circulation, utilizing technology not found in the natural environment.
  - (b) "Attended" means being in a vessel, in the water or on the shore, and immediately available to work the gear and be within 100 yards of any gear in use by that person at all times. Attended does not include being in a building or structure.
  - (c) "Blue crab shedding" means the process whereby a blue crab emerges soft from its former hard exoskeleton. A shedding operation is any operation that holds peeler crabs in a controlled environment. A controlled environment provides and maintains throughout the shedding process one or more of the following:
    - (i) food;
    - (ii) predator protection;
    - (iii) salinity;
    - (iv) temperature controls; or
    - (v) water circulation, utilizing technology not found in the natural environment. A shedding operation does not include transporting pink or red-line peeler crabs to a permitted shedding operation.
  - (d) "Depuration" means mechanical purification or the removal of adulteration from live oysters, clams, or mussels by any artificially controlled means.
  - (e) "Long haul operation" means fishing a seine towed between two vessels.
  - (f) "Peeler crab" means a blue crab that has a soft shell developing under a hard shell and having a white, pink, or red-line or rim on the outer edge of the back fin or flipper.
  - (g) "Possess" means any actual or constructive holding whether under claim of ownership or not.
  - (h) "Recreational purpose" means a fishing activity that is not a commercial fishing operation as defined in G.S. 113-168.
  - (i) "Shellfish marketing from leases and franchises" means the harvest of oysters, clams, scallops, or mussels from privately held shellfish bottoms and lawful sale of those shellfish to the public at large or to a licensed shellfish dealer.
  - (j) "Shellfish planting effort on leases and franchises" means the process of obtaining authorized cultch materials, seed shellfish, and shellfish stocks from polluted waters and the placement of those materials on privately held shellfish bottoms for increased shellfish production.
  - (k) "Shellfish production on leases and franchises" means:
    - (i) the culture of oysters, clams, scallops, or mussels on shellfish leases and franchises from a sublegal harvest size to a marketable size.
    - (ii) the transplanting (relay) of oysters, clams, scallops, or mussels from areas closed due to pollution to shellfish leases and franchises in open waters and the natural cleansing of those shellfish.
  - (l) "Swipe net operations" means fishing a seine towed by one vessel.
  - (m) "Transport" means to ship, carry, or cause to be carried or moved by public or private carrier by land, sea, or air.
  - (n) "Use" means to employ, set, operate, or permit to be operated or employed.
- (3) gear:
- (a) "Bunt net" means the last encircling net of a long haul or swipe net operation constructed of small mesh webbing. The bunt net is used to form a pen or pound from which the catch is dipped or bailed.
  - (b) "Channel net" means a net used to take shrimp that is anchored or attached to the bottom at both ends or with one end anchored or attached to the bottom and the other end attached to a vessel.
  - (c) "Commercial fishing equipment or gear" means all fishing equipment used in Coastal Fishing Waters except:
    - (i) cast nets;
    - (ii) collapsible crab traps, a trap used for taking crabs with the largest open dimension no larger than 18 inches and that by design is collapsed at all times when in the water, except when it is being retrieved from or lowered to the bottom;

- (iii) dip nets or scoops having a handle not more than eight feet in length and a hoop or frame to which the net is attached not exceeding 60 inches along the perimeter;
- (iv) gigs or other pointed implements that are propelled by hand, whether or not the implement remains in the hand;
- (v) hand operated rakes no more than 12 inches wide and weighing no more than six pounds and hand operated tongs;
- (vi) hook and line, and bait and line equipment other than multiple-hook or multiple-bait trotline;
- (vii) landing nets used to assist in taking fish when the initial and primary method of taking is by the use of hook and line;
- (viii) minnow traps when no more than two are in use;
- (ix) seines less than 30 feet in length;
- (x) spears, Hawaiian slings, or similar devices that propel pointed implements by mechanical means, including elastic tubing or bands, pressurized gas, or similar means.
- (d) "Corkline" means the support structure a net is attached to that is nearest to the water surface when in use. Corkline length is measured from the outer most mesh knot at one end of the corkline following along the line to the outer most mesh knot at the opposite end of the corkline.
- (e) "Dredge" means a device towed by engine power consisting of a frame, tooth bar or smooth bar, and catchbag used in the harvest of oysters, clams, crabs, scallops, or conchs.
- (f) "Fixed or stationary net" means a net anchored or staked to the bottom, or some structure attached to the bottom, at both ends of the net.
- (g) "Fyke net" means an entrapment net supported by a series of internal or external hoops or frames, with one or more lead or leaders that guide fish to the net mouth. The net has one or more internal funnel-shaped openings with tapered ends directed inward from the mouth, through which fish enter the enclosure. The portion of the net designed to hold or trap fish is completely enclosed in mesh or webbing, except for the openings for fish passage into or out of the net (funnel area).
- (h) "Gill net" means a net set vertically in the water to capture fish by entanglement of the gills in its mesh as a result of net design, construction, mesh length, webbing diameter, or method in which it is used.
- (i) "Headrope" means the support structure for the mesh or webbing of a trawl that is nearest to the water surface when in use. Headrope length is measured from the outer most mesh knot at one end of the headrope following along the line to the outer most mesh knot at the opposite end of the headrope.
- (j) "Hoop net" means an entrapment net supported by a series of internal or external hoops or frames. The net has one or more internal funnel-shaped openings with tapered ends directed inward from the mouth, through which fish enter the enclosure. The portion of the net designed to hold or trap the fish is completely enclosed in mesh or webbing, except for the openings for fish passage into or out of the net (funnel area).
- (k) "Lead" means a mesh or webbing structure consisting of nylon, monofilament, plastic, wire, or similar material set vertically in the water and held in place by stakes or anchors to guide fish into an enclosure. Lead length is measured from the outer most end of the lead along the top or bottom line, whichever is longer, to the opposite end of the lead.
- (l) "Mechanical methods for clamming" means dredges, hydraulic clam dredges, stick rakes, and other rakes when towed by engine power, patent tongs, kicking with propellers or deflector plates with or without trawls, and any other method that utilizes mechanical means to harvest clams.
- (m) "Mechanical methods for oystering" means dredges, patent tongs, stick rakes, and other rakes when towed by engine power, and any other method that utilizes mechanical means to harvest oysters.
- (n) "Mesh length" means the distance from the inside of one knot to the outside of the opposite knot, when the net is stretched hand-tight in a manner that closes the mesh opening.
- (o) "Pound net set" means a fish trap consisting of a holding pen, one or more enclosures, lead or leaders, and stakes or anchors used to support the trap. The holding pen, enclosures, and lead(s) are not conical, nor are they supported by hoops or frames.
- (p) "Purse gill net" means any gill net used to encircle fish when the net is closed by the use of a purse line through rings located along the top or bottom line or elsewhere on such net.
- (q) "Seine" means a net set vertically in the water and pulled by hand or power to capture fish by encirclement and confining fish within itself or against another net, the shore or bank as a result of net design, construction, mesh length, webbing diameter, or method in which it is used.
- (4) "Fish habitat areas" means the estuarine and marine areas that support juvenile and adult populations of fish species, as well as forage species utilized in the food chain. Fish habitats as used in this definition, are vital for portions of the

entire life cycle, including the early growth and development of fish species. Fish habitats in all Coastal Fishing Waters, as determined through marine and estuarine survey sampling, include:

- (a) "Anadromous fish nursery areas". means those areas in the riverine and estuarine systems utilized by post-larval and later juvenile anadromous fish.
- (b) "Anadromous fish spawning areas" means those areas where evidence of spawning of anadromous fish has been documented in Division sampling records through direct observation of spawning, capture of running ripe females, or capture of eggs or early larvae.
- (c) "Coral" means:
  - (i) fire corals and hydrocorals (Class Hydrozoa);
  - (ii) stony corals and black corals (Class Anthozoa, Subclass Scleractinia); or
  - (iii) Octocorals; Gorgonian corals (Class Anthozoa, Subclass Octocorallia), which include sea fans (*Gorgonia* sp.), sea whips (*Leptogorgia* sp. and *Lophogorgia* sp.), and sea pansies (*Renilla* sp.).
- (d) "Intertidal oyster bed" means a formation, regardless of size or shape, formed of shell and live oysters of varying density.
- (e) "Live rock" means living marine organisms or an assemblage thereof attached to a hard substrate, excluding mollusk shells, but including dead coral or rock. Living marine organisms associated with hard bottoms, banks, reefs, and live rock include:
  - (i) Coralline algae (Division Rhodophyta);
  - (ii) *Acetabularia* sp., mermaid's fan and cups (*Udotea* sp.), watercress (*Halimeda* sp.), green feather, green grape algae (*Caulerpa* sp.) (Division Chlorophyta);
  - (iii) *Sargassum* sp., *Dictyopteris* sp., *Zonaria* sp. (Division Phaeophyta);
  - (iv) sponges (Phylum Porifera);
  - (v) hard and soft corals, sea anemones (Phylum Cnidaria), including fire corals (Class Hydrozoa), and Gorgonians, whip corals, sea pansies, anemones, *Solenastrea* (Class Anthozoa);
  - (vi) Bryozoans (Phylum Bryozoa);
  - (vii) tube worms (Phylum Annelida), fan worms (*Sabellidae*), feather duster and Christmas treeworms (*Serpulidae*), and sand castle worms (*Sabellaridae*);
  - (viii) mussel banks (Phylum Mollusca: Gastropoda); and
  - (ix) acorn barnacles (Arthropoda: Crustacea: *Semibalanus* sp.).
- (f) "Nursery areas" means areas that for reasons such as food, cover, bottom type, salinity, temperature, and other factors, young finfish and crustaceans spend the major portion of their initial growing season. Primary nursery areas are those areas in the estuarine system where initial post-larval development takes place. These are areas where populations are uniformly early juveniles. Secondary nursery areas are those areas in the estuarine system where later juvenile development takes place. Populations are composed of developing sub-adults of similar size that have migrated from an upstream primary nursery area to the secondary nursery area located in the middle portion of the estuarine system.
- (g) "Shellfish producing habitats" means historic or existing areas that shellfish, such as clams, oysters, scallops, mussels, and whelks use to reproduce and survive because of such favorable conditions as bottom type, salinity, currents, cover, and cultch. Included are those shellfish producing areas closed to shellfish harvest due to pollution.
- (h) "Strategic Habitat Areas" means locations of individual fish habitats or systems of habitats that provide exceptional habitat functions or that are particularly at risk due to imminent threats, vulnerability, or rarity.
- (i) "Submerged aquatic vegetation (SAV) habitat" means submerged lands that:
  - (i) are vegetated with one or more species of submerged aquatic vegetation including bushy pondweed or southern naiad (*Najas guadalupensis*), coontail (*Ceratophyllum demersum*), eelgrass (*Zostera marina*), horned pondweed (*Zannichellia palustris*), naiads (*Najas* spp.), redhead grass (*Potamogeton perfoliatus*), sago pondweed (*Stuckenia pectinata*, formerly *Potamogeton pectinatus*), shoalgrass (*Halodule wrightii*), slender pondweed (*Potamogeton pusillus*), water stargrass (*Heteranthera dubia*), water starwort (*Callitriche heterophylla*), waterweeds (*Elodea* spp.), widgeongrass (*Ruppia maritima*), and wild celery (*Vallisneria americana*). These areas may be identified by the presence of above-ground leaves, below-ground rhizomes, or reproductive structures associated with one or more SAV species and include the sediment within these areas; or
  - (ii) have been vegetated by one or more of the species identified in Sub-item (4)(i)(i) of this Rule within the past 10 annual growing seasons and that meet the average physical requirements of water depth (six feet or less), average light availability (secchi depth of one foot or more), and limited wave exposure that characterize the environment suitable for growth of SAV. The past presence of SAV

may be demonstrated by aerial photography, SAV survey, map, or other documentation. An extension of the past 10 annual growing seasons criteria may be considered when average environmental conditions are altered by drought, rainfall, or storm force winds.

This habitat occurs in both subtidal and intertidal zones and may occur in isolated patches or cover extensive areas. In defining SAV habitat, the Marine Fisheries Commission recognizes the Aquatic Weed Control Act of 1991 (G.S. 113A-220 et. seq.) and does not intend the submerged aquatic vegetation definition, or this Rule or 15A NCAC 03K .0304 and .0404, to apply to or conflict with the non-development control activities authorized by that Act.

- (5) licenses, permits, leases and franchises, and record keeping:
- (a) "Assignment" means temporary transferal to another person of privileges under a license for which assignment is permitted. The person assigning the license delegates the privileges permitted under the license to be exercised by the assignee, but retains the power to revoke the assignment at any time, and is still the responsible party for the license.
  - (b) "Designee" means any person who is under the direct control of the permittee or who is employed by or under contract to the permittee for the purposes authorized by the permit.
  - (c) "For hire vessel", as defined by G.S. 113-174, means when the vessel is fishing in State waters or when the vessel originates from or returns to a North Carolina port.
  - (d) "Franchise" means a franchise recognized pursuant to G.S. 113-206.
  - (e) "Holder" means a person who has been lawfully issued in the person's name a license, permit, franchise, lease, or assignment.
  - (f) "Land" means:
    - (i) for commercial fishing operations, when fish reach the shore or a structure connected to the shore.
    - (ii) for purposes of trip tickets, when fish reach a licensed seafood dealer, or where the fisherman is the dealer, when fish reach the shore or a structure connected to the shore.
    - (iii) for recreational fishing operations, when fish are retained in possession by the fisherman.
  - (g) "Licensee" means any person holding a valid license from the Department to take or deal in marine fisheries resources.
  - (h) "Logbook" means paper forms provided by the Division and electronic data files generated from software provided by the Division for the reporting of fisheries statistics by persons engaged in commercial or recreational fishing or for-hire operators.
  - (i) "Master" means captain or operator of a vessel or one who commands and has control, authority, or power over a vessel.
  - (j) "New fish dealer" means any fish dealer making application for a fish dealer license who did not possess a valid dealer license for the previous license year in that name. For purposes of license issuance, adding new categories to an existing fish dealers license does not constitute a new dealer.
  - (k) "Office of the Division" means physical locations of the Division conducting license and permit transactions in Wilmington, Washington, Morehead City, Roanoke Island, and Elizabeth City, North Carolina. Other businesses or entities designated by the Secretary to issue Recreational Commercial Gear Licenses or Coastal Recreational Fishing Licenses are not considered Offices of the Division.
  - (l) "Responsible party" means the person who coordinates, supervises, or otherwise directs operations of a business entity, such as a corporate officer or executive level supervisor of business operations, and the person responsible for use of the issued license in compliance with applicable statutes and rules.
  - (m) "Tournament organizer" means the person who coordinates, supervises, or otherwise directs a recreational fishing tournament and is the holder of the Recreational Fishing Tournament License.
  - (n) "Transaction" means an act of doing business such that fish are sold, offered for sale, exchanged, bartered, distributed, or landed.
  - (o) "Transfer" means permanent transferal to another person of privileges under a license for which transfer is permitted. The person transferring the license retains no rights or interest under the license transferred.
  - (p) "Trip ticket" means paper forms provided by the Division and electronic data files generated from software provided by the Division for the reporting of fisheries statistics by licensed fish dealers.

*History Note: Authority G.S. 113-134; 113-174; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1995; March 1, 1994; October 1, 1993; July 1, 1993;  
Recodified from 15A NCAC 03I .0001 Eff. December 17, 1996;  
Amended Eff. April 1, 1999; August 1, 1998; April 1, 1997;*

*Temporary Amendment Eff. May 1, 2000; August 1, 1999; July 1, 1999;*  
*Amended Eff. August 1, 2000;*  
*Temporary Amendment Eff. August 1, 2000;*  
*Amended Eff. May 1, 2015; April 1, 2014; April 1, 2011; April 1, 2009; October 1, 2008; December 1, 2007;*  
*December 1, 2006; September 1, 2005; April 1, 2003; April 1, 2001;*  
*Readopted Eff. June 1, 2022.*

#### **15A NCAC 03I .0108 OCEAN FISHING PIERS**

(a) It shall be unlawful to fish with nets of any kind or from boats within the zone adjacent to any ocean fishing pier meeting the requirements of G.S. 113-185(a), if such zone is marked by one of the following methods or a combination of methods:

- (1) yellow range poles at least three inches in diameter and extending not less than six feet above the surface of the ground, and that are parallel to the pier and identified by signs with the name of the pier printed in letters at least three inches high; or
- (2) buoys that are yellow in color and not less than nine inches in diameter and extend no less than three feet above the surface of the water.

(b) It shall be unlawful to define a zone that extends more than 750 feet from the pier. When a marking system defines a smaller area than authorized, the limitations on fishing activities shall apply within the marked zone. When the marking system does not include buoys placed seaward of the pier's offshore end, the zone protected under G.S. 113-185 shall be limited to the areas parallel to the sides of the pier and shall include no area seaward of the offshore end of the pier.

(c) Owners of qualifying ocean piers shall be responsible for complying with all applicable local, State, and federal regulations for marking systems.

*History Note: Authority G.S. 113-134; 113-181; 113-182; 113-185; 143B-289.52;*  
*Eff. January 1, 1991;*  
*Recodified from 15A NCAC 3I .0008 Eff. December 17, 1996;*  
*Readopted Eff. April 1, 2022.*

#### **15A NCAC 03I .0115 REPLACEMENT COSTS OF MARINE AND ESTUARINE RESOURCES - FISH**

(a) In accordance with G.S. 113-267, this Rule shall apply to replacement costs of fish that have been taken, injured, removed, harmfully altered, damaged, or destroyed. Fish, as used throughout this Rule, is defined in G.S. 113-129(7).

(b) The relative value of fish species shall be considered only as they may bear on the necessity or desirability of actual replacement.

(c) Determining replacement costs: the replacement costs of species of fishes that have been taken, injured, removed, harmfully altered, damaged, or destroyed shall be determined as set forth in this Paragraph. The weight of each undersized fish shall be adjusted to the average weight of a fish on the minimum legal size established by the Marine Fisheries Commission for that species in a rule of the Marine Fisheries Commission or a proclamation issued pursuant to a rule of the Marine Fisheries Commission. The replacement cost shall be calculated based on the greater of either:

- (1) the cost of propagating and rearing the species in a hatchery and the cost of transporting them to areas of suitable habitat; or
- (2) the average annual ex-vessel value of fish species per pound.

(d) The cost of propagating, rearing, and transporting the fish and the average annual ex-vessel value of fish species per pound shall be taken from the Division of Marine Fisheries annual statistical report for the calendar year next preceding the year in which the offense was committed. When the cost of propagating, rearing, or transporting a particular species is not available, replacement costs shall be calculated based upon the average annual ex-vessel value of the species. When neither the cost of propagating, rearing, or transporting a particular species, nor the average annual ex-vessel value of the species is available, replacement costs shall be determined according to the following factors:

- (1) whether the species is classified as endangered or threatened;
- (2) the relative frequency of occurrence of the species in the State;
- (3) the extent of existing habitat suitable for the species within the State;
- (4) the dependency of the species on unique habitat requirements;
- (5) the cost of improving and maintaining suitable habitat for the species;
- (6) the cost of capturing the species in areas of adequate populations and transplanting them to areas of suitable habitat with low populations;
- (7) the availability of the species and the cost of acquisition for restocking purposes;
- (8) the cost of those species that when released, have a probability of survival in the wild; and
- (9) the ratio between the natural life expectancy of the species and the period of its probable survival when, having been reared in a hatchery, it is released to the wild.

(e) Replacement costs shall be assessed for the following fish:

- (1) Alewife (River Herring);
- (2) Amberjacks;
- (3) Anglerfish (Goosefish);
- (4) Bluefish;
- (5) Bonito;
- (6) Butterfish;
- (7) Carp;
- (8) Catfishes;
- (9) Cobia;
- (10) Croaker, Atlantic;
- (11) Cutlassfish, Atlantic;
- (12) Dolphinfish;
- (13) Drum, Black;
- (14) Drum, Red (Channel Bass);
- (15) Eels;
- (16) Flounders;
- (17) Flounders, Fluke;
- (18) Garfish;
- (19) Gizzard Shad;
- (20) Groupers;
- (21) Grunts;
- (22) Hakes;
- (23) Harvestfish;
- (24) Herring, Thread;
- (25) Hickory Shad;
- (26) Hogfish;
- (27) Jacks;
- (28) Kingfishes (Sea Mullet);
- (29) Mackerel, Atlantic;
- (30) Mackerel, King;
- (31) Mackerel, Spanish;
- (32) Menhaden, Atlantic;
- (33) Mullet;
- (34) Perch, White;
- (35) Perch, Yellow;
- (36) Pigfish;
- (37) Pompano;
- (38) Porgies;
- (39) Scup;
- (40) Sea Basses;
- (41) Seatrout, Spotted;
- (42) Shad (American);
- (43) Sharks;
- (44) Sharks, Dogfish;
- (45) Sheepshead;
- (46) Skippers;
- (47) Snappers;
- (48) Spadefish, Atlantic;
- (49) Spot;
- (50) Striped Bass;
- (51) Swellfishes (Puffers);
- (52) Swordfish;
- (53) Tilefish;
- (54) Triggerfish;
- (55) Tuna;

- (56) Wahoo;
- (57) Weakfish (Grey Trout);
- (58) Whiting;
- (59) Wreckfish;
- (60) Unclassified Fish;
- (61) Brown Shrimp;
- (62) Pink Shrimp;
- (63) Rock Shrimp;
- (64) White Shrimp;
- (65) Unclassified Shrimp;
- (66) Clam, Hard;
- (67) Conchs;
- (68) Crabs, Blue, Hard;
- (69) Crabs, Blue, Soft;
- (70) Octopus;
- (71) Oyster;
- (72) Scallop, Bay;
- (73) Scallop, Calico;
- (74) Scallop, Sea;
- (75) Squid; and
- (76) Unclassified Shellfish.

(f) Cost of investigations:

- (1) factors to be considered: upon any investigation required as provided by G.S. 143-215.3(a)(7) or by court order for the purpose of determining the cost of replacement of marine and estuarine resources that have been killed, taken, injured, removed, harmfully altered, damaged, or destroyed, the factors to be considered in determining the cost of the investigation shall be as follows:
  - (A) the time expended by the employee or employees making the investigation, including travel time between the place of usual employment and the site of the investigation, and the time required in formulating and rendering the report;
  - (B) the cost of service to the state of each employee concerned, including annual salary, hospitalization insurance, and the State's contribution to social security taxes and to the applicable retirement system;
  - (C) subsistence of the investigating personnel, including meals, gratuities, and lodging away from home, when required;
  - (D) the cost of all necessary transportation;
  - (E) the use or rental of boats and motors, when required;
  - (F) the cost of cleaning or repairing any uniform or clothing that may be damaged, soiled, or contaminated by reason of completing the investigation;
  - (G) the cost of necessary telephonic communications; and
  - (H) any other expense directly related to and necessitated by the investigation.
- (2) computation of costs: in assessing the cost of time expended in completing the investigation, the time expended by each person required to take part in the investigation shall be recorded in hours, the value of which shall be computed according to the ratio between the annual cost of service of the employee and his or her total annual working hours (2087 hours reduced by holidays, annual leave entitlement, and earned sick leave). Other costs shall be assessed as follows:
  - (A) subsistence: the per diem amount for meals, gratuities, and lodging away from home, not to exceed the then current maximum per diem for state employees;
  - (B) transportation: total mileage by motor vehicle multiplied by:
    - (i) the then current rate per mile for travel by state-owned vehicle; or
    - (ii) the then current rate per mile for travel by privately-owned vehicle, as applicable;
  - (C) boat and motor: ten dollars (\$10.00) per hour;
  - (D) uniform and clothing cleaning and repair: actual cost;
  - (E) telephonic communications: actual cost; and
  - (F) other expenses: actual cost.

*History Note: Authority G.S. 113-134; 113-182; 113-267; 143B-289.52; Eff. March 1, 1995;*

*Recodified from 15A NCAC 3I .0015 Eff. December 17, 1996;  
Readopted Eff. April 1, 2022.*

**15A NCAC 03I .0122 USER CONFLICT RESOLUTION**

(a) To address user conflicts, the Fisheries Director may, by proclamation, impose any of the following restrictions:

- (1) specify time;
- (2) specify area;
- (3) specify means and methods;
- (4) specify season; and
- (5) specify quantity.

This authority may be used based on the Fisheries Director's own findings or on the basis of a request made in accordance with Paragraph (b) of this Rule. The Fisheries Director shall hold a public meeting in the area of the user conflict prior to issuance of a proclamation based on his or her own findings.

(b) Request for user conflict resolution:

- (1) any person desiring user conflict resolution may make such request in writing addressed to the Director of the Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557. A request shall contain the following information:
  - (A) a map of the affected area including an inset vicinity map showing the location of the area with detail sufficient to permit on-site identification and location;
  - (B) identification of the user conflict causing a need for user conflict resolution;
  - (C) recommended solution for resolving user conflict; and
  - (D) name and address of the person requesting user conflict resolution.
- (2) within 90 days of the receipt of the information required in Subparagraph (b)(1) of this Paragraph, the Fisheries Director shall review the information and determine if user conflict resolution is necessary. If user conflict resolution is not necessary, the Fisheries Director shall deny the request. If user conflict resolution is necessary, the Fisheries Director or his or her designee shall hold a public meeting in the area of the user conflict. The requestor shall present his or her request at the public meeting.
- (3) following the public meeting as described in Subparagraph (b)(2) of this Paragraph, the Fisheries Director shall refer the users in the conflict for mediation or deny the request. If the user conflict cannot be resolved through mediation, the Fisheries Director shall submit for approval a proclamation to the Marine Fisheries Commission that addresses the conflict.
- (4) proclamations issued under this Rule shall suspend appropriate rules or portions of rules under the authority of the Marine Fisheries Commission as specified in the proclamation. The provisions of Rule .0102 of this Section terminating suspension of a rule pending the next Marine Fisheries Commission meeting and requiring review by the Marine Fisheries Commission at the next meeting shall not apply to proclamations issued under this Rule.

*History Note: Authority G.S. 113-134; 113-181; 113-182; 113-221.1; 143B-289.52;  
Eff. May 1, 2015;  
Readopted Eff. April 1, 2022.*

**SUBCHAPTER 03J – NETS, POTS, DREDGES, AND OTHER FISHING DEVICES**

**SECTION .0400 – FISHING GEAR**

**15A NCAC 03J .0401 FISHING GEAR**

(a) The Fisheries Director, in order to address issues involving user conflicts may, by proclamation, close the areas described in Paragraph (b) of this Rule to the use of specific fishing gear.

(b) It shall be unlawful to use fishing gear as specified by proclamation at the time and dates specified in the proclamation between the Friday before Easter through December 31 in the following areas when such areas have been closed by proclamation:

- (1) all or part of the Atlantic Ocean, up to one-half mile from the beach;
- (2) up to one-half mile in all directions of Oregon Inlet;
- (3) up to one-half mile in all directions of Hatteras Inlet;
- (4) up to one-half mile in all directions of Ocracoke Inlet;
- (5) up to one-half mile of the Cape Lookout Rock Jetty;
- (6) up to one-half mile in all directions of fishing piers open to the public;
- (7) up to one-half mile in all directions of State Parks; and



- (8) up to one-half mile of marinas as defined by the Coastal Resources Commission.
- (c) The Fisheries Director shall specify in the proclamation the boundaries of the closure through the use of maps, legal descriptions, prominent landmarks, or other permanent type markers.
- (d) The Fisheries Director shall hold a public meeting in the affected area before issuance of proclamations authorized by this Rule.

*History Note: Authority G.S. 113-133; 113-134; 113-182; 113-221.1; 143B-289.52;  
Eff. July 1, 1993;  
Amended Eff. June 1, 1996; March 1, 1995; October 1, 1993;  
Readopted Eff. April 1, 2022.*

## **SECTION .0500 – POUND NETS**

### **15A NCAC 03J .0502 POUND NET SET PERMIT APPLICATION AND PROCESSING**

- (a) All initial, renewal, or transfer applications for Pound Net Set Permits, and the operation of such pound net sets, shall comply with the requirements governing all permits as provided in 15A NCAC 03O .0502. The procedures and requirements for obtaining permits are set forth in 15A NCAC 03O .0501.
- (b) Applicants for Pound Net Set permits shall meet the following eligibility requirements as determined by the Fisheries Director:
  - (1) the applicant is an individual and not a corporation, partnership, organization, or other entity;
  - (2) the applicant has in the past complied with fisheries rules and laws and does not have any licenses under suspension or revocation as set forth in 15A NCAC 03O .0114 or any pound net set permits under suspension or revocation as set forth in 15A NCAC 03O .0504. In addition, a history of habitual fisheries violations evidenced by eight or more convictions as specified in 15A NCAC 03O .0114, G.S. 14-223, Chapter 75A, or G.S. 76-40 in 10 years shall make an individual ineligible.
  - (3) the applicant has in the past complied with all permit conditions, rules, and laws related to pound nets.
  - (4) the applicant holds proper valid licenses and permits necessary to fish the type of net indicated in the application.
- (c) Applications for Pound Net Set permits shall include the following:
  - (1) a base map provided by the Division of Marine Fisheries indicating the proposed set location including an inset vicinity map showing the location of the proposed set with detail sufficient to permit on-site identification and location.
  - (2) declaration of the type of pound net that will be deployed at the site. One of the following pound net fisheries shall be specified:
    - (A) flounder pound net set;
    - (B) bait pound net set;
    - (C) shrimp pound net set;
    - (D) blue crab pound net set; or
    - (E) other finfish pound net set.
- (d) For proposed new locations, the Fisheries Director shall issue a public notice of intent to consider issuance of a Pound Net Set Permit allowing for public comment for 20 days, and after the comment period, may hold public meetings to take comments on the proposed pound net set. If the Director does not approve or deny the application within 90 days of receipt of a complete and verified application, the application shall be deemed denied. The applicant shall be notified of denial in writing. Approval shall be conditional based upon the applicant's continuing compliance with eligibility requirements set out in Paragraph (e) of this Rule and specific conditions contained on the Pound Net Set Permit. The applicant may contest the denial of a Pound Net Set Permit application by filing a petition for a contested case under G.S. 150B-23.
- (e) In order for a site to be deemed suitable for a pound net set, the proposed set location shall meet the following criteria as determined by the Fisheries Director:
  - (1) the proposed pound net set, either alone or when considered cumulatively with other existing pound net sets in the area, will not interfere with navigation or with existing, traditional uses of the area other than navigation, and will not violate 15A NCAC 03J .0101 and .0102;
  - (2) the proposed pound net set will not interfere with the rights of any riparian or littoral landowner, including the construction or use of piers;
  - (3) the proposed pound net set will not, by its proximate location, interfere with existing pound net sets in the area. Flounder or other finfish pound net sets will be a minimum of 1,000 yards, as measured in a perpendicular direction, from any point on a line following the permitted location of existing pound net sets; except
    - (A) in Chowan River as referenced in 15A NCAC 03J .0203; and
    - (B) for renewal of pound net sets permitted prior to January 1, 2003;
  - (4) the proposed shrimp or blue crab pound net set will be a minimum of 300 yards, as measured in a perpendicular direction, from any point on a line following the permitted location of existing pound net sets;

- (5) the proposed pound net set is not located in Core Sound in areas designated in 15A NCAC 03R .0113 except that only those Pound Net Set permits valid within the specified area as of March 1, 1994, may be renewed or transferred subject to the requirements of this Rule; and
- (6) issuance of the proposed Pound Net Set Permit is in compliance with management measures adopted in fishery management plans.

*History Note: Authority G.S. 113-134; 113-169.1; 113-181; 113-182; 113-182.1; 143B-289.52;  
Eff. April 1, 2009;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 03J .0503 POUND NET SET PERMIT RENEWAL**

An application for renewal of an existing Pound Net Set Permit shall be filed not less than 30 days prior to the date of expiration of the existing permit and shall not be processed unless filed by the permittee. The Fisheries Director shall review the renewal application under the criteria for issuance of a new Pound Net Set Permit, as set forth in the rules of this Section. The Fisheries Director may hold public meetings and may conduct such investigations necessary to determine if the permit should be renewed.

*History Note: Authority G.S. 113-134; 113-169.1; 113-181; 113-182; 143B-289.52;  
Eff. April 1, 2009;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 03J .0504 POUND NET SET PERMIT TRANSFER**

(a) It shall be unlawful to transfer a Pound Net Set Permit without a completed application for transfer being submitted to the Division of Marine Fisheries not less than 45 days before the date of the transfer. The application shall be made by the proposed new permittee in writing and shall be accompanied by a copy of the current permittee's permit and an application for a Pound Net Set Permit in the new permittee's name. The Fisheries Director may hold a public meeting and verify the location of the pound net set and that it is in compliance with all laws and rules to determine if the permit should be transferred. The transferred permit expires on the same date as the initial permit.

(b) Upon death of the permittee, the permit may be transferred to the Administrator/Executor of the estate of the permittee if transferred within six months of the Administrator/Executor's qualification in accordance with Chapter 28A of the North Carolina General Statutes. The Administrator/Executor shall provide a copy of the deceased permittee's death certificate, a copy of letters of administration/letters testamentary, and a list of eligible immediate family members as defined in G.S. 113-168 to the Morehead City Office of the Division. Once transferred to the Administrator/Executor, the Administrator/Executor may transfer the permit or permits to eligible immediate family members of the deceased permittee.

(c) No transfer is effective until approved and processed by the Division in accordance with 15A NCAC 03O .0501.

*History Note: Authority G.S. 113-134; 113-169.1; 113-181; 113-182; 143B-289.52;  
Eff. April 1, 2009;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 03J .0505 POUND NET SET PERMIT CONDITIONS**

(a) It shall be unlawful for a permittee to:

- (1) fail to notify the Division of Marine Fisheries Communications Center by phone at 800-682-2632 or 252-726-7021 within 72 hours of:
  - (A) an operational pound net set. Notification shall include the name of permittee, type of net, Pound Net Set Permit number, county where located, a specific location site, and how many pounds are in the set; and
  - (B) a change to the type of net being set at the permitted site.
- (2) make false notifications.
- (3) fail to render the pound net set inoperable during any closed season for the type of fishery for which the pound net is permitted.

Failure to comply with this Paragraph shall be grounds for the Fisheries Director to revoke any Pound Net Set Permits held by the permittee and for denial of any future applications for Pound Net Set Permits.

(b) Pound net sets shall be subject to inspection at all times.

(c) Daily reporting may be a condition of the permit for a pound net set for fisheries under a quota.

(d) It shall be unlawful to fail to remove all pound net stakes and associated gear within 30 days after expiration of the permit or notice by the Fisheries Director that an existing Pound Net Set Permit has been revoked or denied.

*History Note:* Authority G.S. 113-134; 113-169.1; 113-181; 113-182; 143B-289.52;  
Eff. April 1, 2009;  
Readopted Eff. June 1, 2022.

## **SUBCHAPTER 03K – OYSTERS, CLAMS, SCALLOPS AND MUSSELS**

### **SECTION .0100 – SHELLFISH, GENERAL**

#### **15A NCAC 03K .0105 RECREATIONAL HARVEST OF SHELLFISH**

(a) It shall be unlawful to take oysters or clams from public bottom on Sundays, and scallops from public bottom on Saturdays and Sundays except:

- (1) during open seasons; and
- (2) for recreational purposes.

(b) It shall be unlawful to possess, for recreational purposes, more than:

- (1) 10 conchs or whelks per person per day, not to exceed 20 conchs or whelks per vessel per day;
- (2) 100 mussels per person per day, not to exceed 200 mussels per vessel per day; and
- (3) 100 clams per person per day, not to exceed 200 clams per vessel per day.

*History Note:* Authority G.S. 113-134; 113-169.2; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1994; February 1, 1992; September 1, 1991;  
Temporary Amendment Eff. October 9, 1995 for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;  
Amended Eff. May 1, 1997; March 1, 1996;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. October 1, 2008; August 1, 2000;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 03K .0106 TAKING OR UNLOADING OYSTERS AND CLAMS ON SUNDAY OR AT NIGHT**

(a) It shall be unlawful to take oysters or clams between the hours of sunset and sunrise on any day.

(b) It shall be unlawful to unload oysters or clams from any vessel or remove any vessel containing oysters or clams from the water on Sundays or between sunset and sunrise on any day except that in New Hanover, Pender, and Brunswick counties, oysters and clams may be unloaded until two hours after sunset.

(c) Oysters and clams taken on Sundays from public bottom under the provisions of Rule .0105 of this Section or from shellfish leases and franchises pursuant to G.S. 113-208 shall be exempt from Paragraph (b) of this Rule.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. October 1, 2008; August 1, 2000;  
Readopted Eff. June 1, 2022.

### **SECTION .0200 – OYSTERS**

#### **15A NCAC 03K .0201 OYSTER HARVEST MANAGEMENT**

(a) It shall be unlawful to take or possess oysters from public bottom except from October 15 through March 31.

(b) The Fisheries Director may, by proclamation, impose any of the following restrictions on the taking of oysters:

- (1) specify time;
- (2) specify area;
- (3) specify means and methods;
- (4) specify season within the period set forth in Paragraph (a) of this Rule;
- (5) specify size, but the minimum size limit specified shall not be less than three inches, unless a smaller minimum size limit is necessary to prevent loss of oysters due to predators, pests, or infectious oyster diseases. In no case shall the minimum size limit be less than two and one-half inches; and
- (6) specify quantity, but the quantity shall not exceed possession of more than 20 standard U.S. bushels in a commercial fishing operation per day.

*History Note: Authority G.S. 113-134; 113-182; 113-201; 113-221.1; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. May 1, 2017; October 1, 2008; March 1, 1996; September 1, 1991;  
Readopted Eff. June 1, 2022.*

## **SECTION .0300 – HARD CLAMS (MERCENARIA)**

### **15A NCAC 03K .0302 MECHANICAL HARVEST OF CLAMS FROM PUBLIC BOTTOM**

- (a) It shall be unlawful to take, buy, sell, or possess any clams taken by mechanical methods for clamming as defined in 15A NCAC 03I .0101 from public bottom unless the season is open.
- (b) The Fisheries Director may, by proclamation, open and close the season for the taking of clams by mechanical methods from public bottom at any time in the Atlantic Ocean and only from December 1 through March 31 in Internal Waters.
- (c) The Fisheries Director may, by proclamation, open to the taking of clams by mechanical methods from public bottom during open seasons only areas that were opened at any time from January 1979 through September 1988 in:
- (1) Newport, North, White Oak, and New rivers;
  - (2) Core and Bogue sounds;
  - (3) the Intracoastal Waterway north of "BC" Marker at Topsail Beach; and
  - (4) the Atlantic Ocean.

Other areas opened for purposes as set out in Rule .0301(b) of this Section shall open only for those purposes. A list of areas as described in this Paragraph is available upon request at the Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557.

(d) The Fisheries Director may, by proclamation, impose any of the following additional restrictions for the taking of clams by mechanical methods from public bottom during open seasons:

- (1) specify time;
- (2) specify means and methods;
- (3) specify size; and
- (4) specify quantity.

*History Note: Authority G.S. 113-134; 113-182; 113-221.1; 143B-289.52;  
Eff. January 1, 1991;  
Temporary Amendment Eff. October 1, 2001;  
Amended Eff. May 1, 2017; April 1, 2003;  
Readopted Eff. June 1, 2022.*

## **SUBCHAPTER 03L – SHRIMP, CRAB, AND LOBSTER**

### **SECTION .0100 - SHRIMP**

#### **15A NCAC 03L .0101 SHRIMP HARVEST RESTRICTIONS**

- (a) It shall be unlawful to take shrimp until the Fisheries Director, by proclamation, opens the season.
- (b) The Fisheries Director may, by proclamation, impose any of the following restrictions on the taking of shrimp:
- (1) specify time;
  - (2) specify area;
  - (3) specify means and methods;
  - (4) specify season;
  - (5) specify size; and
  - (6) specify quantity.

*History Note: Authority G.S. 113-134; 113-182; 113-221.1; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. May 1, 2015;  
Readopted Eff. June 1, 2022.*

## SECTION .0200 – CRABS

### 15A NCAC 03L .0207 HORSESHOE CRABS

(a) The annual (January through December) commercial quota for North Carolina for horseshoe crabs is established by the Atlantic States Marine Fisheries Commission Interstate Fishery Management Plan for Horseshoe Crab.

(b) The Fisheries Director may, by proclamation, impose any of the following restrictions on the taking of horseshoe crabs to maintain compliance with the Atlantic States Marine Fisheries Commission Interstate Fishery Management Plan for Horseshoe Crab or to implement State management measures:

- (1) specify time;
- (2) specify area;
- (3) specify means and methods;
- (4) specify season;
- (5) specify size; and
- (6) specify quantity.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.1; 143B-289.52;  
Temporary Adoption Eff. August 1, 2000;  
Codifier determined that findings did not meet criteria for temporary rule on October 31, 2000;  
Temporary Adoption Eff. December 6, 2000;  
Eff. August 1, 2002;  
Amended Eff. April 1, 2011;  
Readopted Eff. April 1, 2022.

### 15A NCAC 03L .0302 SPINY LOBSTER

The Fisheries Director may, by proclamation, impose any of the following restrictions on the taking of spiny lobster to maintain compliance with the Fishery Management Plan for Spiny Lobster in the Gulf of Mexico and the South Atlantic or to implement State management measures:

- (1) specify time;
- (2) specify area;
- (3) specify means and methods;
- (4) specify season;
- (5) specify size; and
- (6) specify quantity.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.1; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1996;  
Readopted Eff. April 1, 2022.

## SUBCHAPTER 03M – FINFISH

## SECTION .0200 – STRIPED BASS

### 15A NCAC 03M .0204 STRIPED BASS SEASON, SIZE, AND HARVEST LIMIT: ATLANTIC OCEAN

It shall be unlawful to possess striped bass taken from the Atlantic Ocean other than the size limit as established by the Atlantic States Marine Fisheries Commission Interstate Fishery Management Plan for Atlantic Striped Bass. The Fisheries Director shall issue proclamations necessary to bring North Carolina's size limit in compliance with the Interstate Fishery Management Plan.

*History Note:* Authority G.S. 113-134; 113-182; 113-182.1; 113-221.1; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1996;  
Temporary Amendment Eff. October 1, 1996;  
Amended Eff. October 1, 2008; July 1, 1998;  
Readopted Eff. June 1, 2022.

## **SECTION .0300 – SPANISH AND KING MACKEREL**

### **15A NCAC 03M .0301 SPANISH AND KING MACKEREL**

*History Note:* Authority G.S. 113-134; 113-182; 113-221; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1996;  
Temporary Amendment Eff. January 1, 2000; July 1, 1999;  
Amended Eff. October 1, 2008; August 1, 2002; April 1, 2001;  
Repealed Eff. April 1, 2022.

## **SECTION .0500 – OTHER FINFISH**

### **15A NCAC 03M .0509 TARPON**

- (a) It shall be unlawful to possess, sell, or offer for sale tarpon.
- (b) It shall be unlawful to take tarpon by any method other than hook and line.
- (c) It shall be unlawful to gaff, spear, or puncture a tarpon.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. March 17, 2021.

### **15A NCAC 03M .0511 BLUEFISH**

*History Note:* Authority G.S. 113-134; 113-182; 113-221; 143B-289.52;  
Eff. March 1, 1994;  
Amended Eff. March 1, 1996;  
Temporary Amendment Eff. September 9, 1996;  
Amended Eff. April 1, 1997;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. October 1, 2008; April 1, 2003; August 1, 2000;  
Repealed Eff. April 1, 2022.

### **15A NCAC 03M .0516 COBIA**

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52;  
Temporary Adoption Eff. July 1, 1999;  
Eff. August 1, 2000;  
Repealed Eff. April 1, 2022.

## **SUBCHAPTER 03O – LICENSES, LEASES, FRANCHISES AND PERMITS**

### **SECTION .0100 – LICENSES**

#### **15A NCAC 03O .0103 AUXILIARY VESSELS**

- (a) It shall be unlawful to fail to comply with Commercial Fishing Vessel Registration requirements set forth in G.S. 113-168.6 to operate a vessel used in conjunction with a commercial fishing operation.
- (b) An individual in command of a vessel that is auxiliary to a vessel with a Commercial Fishing Vessel Registration with an individual aboard who holds a Standard Commercial Fishing License or a Retired Standard Commercial Fishing License engaged in a commercial fishing operation using a pound net, long haul, or beach seine is exempt from the provisions of G.S. 113-168.2 (a1).

*History Note:* Authority G.S. 113-134; 113-168.1; 113-168.2; 113-168.5; 113-168.6; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. August 1, 2000;  
Readopted Eff. June 1, 2022.

### **15A NCAC 030 .0105 REQUIREMENTS FOR BAIT AND MUSSEL DEALERS**

Persons dealing in mussels who are subject to licensing requirements under the provisions of G.S. 113-169.3 shall be required to purchase only the license applicable to clam dealers and shall be required to hold a valid Permit and Certificate of Compliance from the Division of Marine Fisheries Shellfish Sanitation and Recreational Water Quality Section, as described in Rule .0101 of this Section.

*History Note: Authority G.S. 113-134; 113-169.3; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. August 1, 2004; August 1, 2000;  
Readopted Eff. June 1, 2022.*

### **15A NCAC 030 .0107 LICENSE REPLACEMENT AND FEES**

(a) A licensee shall receive a replacement for a commercial license, endorsement, Commercial Fishing Vessel Registration decal, or Recreational Commercial Gear License upon payment to the Division of Marine Fisheries a fee of ten dollars (\$10.00) or a fee equal to the initial cost of the license, endorsement, or Commercial Fishing Vessel Registration, whichever is less.

(b) A licensee shall receive a replacement Coastal Recreational Fishing License or a for-hire license as defined in G.S. 113-174.3 upon payment to the Division of Marine Fisheries a fee of five dollars (\$5.00).

*History Note: Authority G.S. 113-134; 113-168.1; 113-168.6; 113-169.4; 113-173; 113-174.1; 113-174.2; 113-174.3; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. December 1, 2006; August 1, 2000;  
Readopted Eff. June 1, 2022.*

### **15A NCAC 030 .0108 LICENSE AND COMMERCIAL FISHING VESSEL REGISTRATION TRANSFERS**

(a) To transfer a license or Commercial Fishing Vessel Registration, the license or registration shall not be expired prior to transfer.

(b) Upon transfer of a license or Commercial Fishing Vessel Registration, the transferee becomes the licensee and assumes the privileges of holding the license or Commercial Fishing Vessel Registration.

(c) A transfer application including a certification statement form shall be provided by the Division of Marine Fisheries. A transfer application shall be completed for each transfer including, but not limited to:

- (1) the information required as set forth in Rule .0101(a) of this Section;
- (2) a notarized statement from the transferee listing any violations involving marine or estuarine resources in the State of North Carolina during the previous three years; and
- (3) a notarized statement from the transferee that the information and supporting documentation submitted with the transfer application is true and correct, and that the transferee acknowledges that it is unlawful for a person to accept transfer of a license for which they are ineligible.

(d) A completed transfer application shall be returned to an office of the Division by mail or in person, except as set forth in Paragraph (e) of this Rule.

(e) A transfer application submitted to the Division without complete and required information shall be deemed incomplete and shall not be considered further until resubmitted with all required information. Incomplete applications shall be returned to the applicant with deficiency in the application so noted.

(f) A License to Land Flounder from the Atlantic Ocean shall only be transferred:

- (1) with the transfer of the ownership of a vessel that the licensee owns that individually met the eligibility requirements of Rule .0101 (b)(1)(A) and (b)(1)(B) of this Section to the new owner of that vessel; or
- (2) by the owner of a vessel to another vessel under the same ownership.

Transfer of a License to Land Flounder from the Atlantic Ocean transfers with it all flounder landings from the Atlantic Ocean associated with that vessel. Any transfer of license under this Paragraph shall only be processed through the Division of Marine Fisheries Morehead City Headquarters Office and no transfer is effective until approved and processed by the Division.

(g) Transfer of a Commercial Fishing Vessel Registration: If transferring ownership of a vessel bearing a current Commercial Fishing Vessel Registration, the new owner:

- (1) shall follow the requirements in Rule .0101 of this Section and pay a replacement fee as set forth in Rule .0107 of this Section for a replacement Commercial Fishing Vessel Registration; and
- (2) shall submit a transfer application with the signatures of the former owner and the new owner notarized.

(h) Transfer of a Standard or Retired Standard Commercial Fishing License:

- (1) It is unlawful for a person to accept transfer of a Standard or Retired Standard Commercial Fishing License for which they are ineligible. Grandparents, grandchildren, and legal guardians of an individual are eligible to transfer a license and receive a transferred license.
- (2) A Standard or Retired Standard Commercial Fishing License shall only be transferred if both the transferor and the transferee have no current suspensions or revocations of any Marine Fisheries license privileges. In the event of the death of the transferor, this requirement shall only apply to the transferee.
- (3) For purposes of effecting transfers under this Paragraph:
  - (A) "business" shall mean corporations and limited liability companies that have been registered with the Secretary of State; and
  - (B) "owner" shall mean owner, shareholder, or manager of a business.
- (4) At the time of the transfer of a Standard or Retired Standard Commercial Fishing License, the transferor shall indicate the retainment or transfer of the landings history associated with that Standard or Retired Standard Commercial Fishing License. The transferor may retain a landings history only if the transferor holds an additional Standard or Retired Standard Commercial Fishing License. Transfer of a landings history is all or none.
- (5) To transfer a Standard or Retired Standard Commercial Fishing License, in addition to the requirements in Paragraph (c) of this Rule, the following information is required:
  - (A) information on the transferee as set forth in Rule .0101 of this Section;
  - (B) notarization of the transferor's and the transferee's signatures on the transfer application; and
  - (C) if the transferor is retiring from commercial fishing, evidence showing that such retirement has in fact occurred, which may include, but is not limited to, evidence of the transfer of all the transferor's Standard Commercial Fishing Licenses, sale of all the transferor's registered vessels, or discontinuation of any active involvement in commercial fishing.
- (6) The Standard or Retired Standard Commercial Fishing License that is being transferred shall be surrendered to the Division at the time of the transfer application.
- (7) Fees:
  - (A) The transferee shall pay a replacement fee as set forth in Rule .0107 of this Section.
  - (B) The transferee shall pay the differences in fees as specified in G.S. 113-168.2(e) or G.S. 113-168.3(b) if the transferee is a non-resident.
  - (C) The transferee shall pay the differences in fees as specified in G.S. 113-168.2(e) if the license to be transferred is a Retired Standard Commercial Fishing License and the transferee is less than 65 years old.
- (8) Transfer of Standard or Retired Standard Commercial Fishing License for a Business:
  - (A) An individual holding a Standard or Retired Standard Commercial Fishing License may transfer their license to a business in which the license holder is also an owner of the business in accordance with application requirements as set forth in Rule .0101(a) of this Section.
  - (B) If a business is dissolved, the business may transfer the license or licenses of the business to an individual owner of the dissolved business. A dissolved business holding multiple licenses may transfer one license or multiple licenses to one owner or multiple owners or any combination thereof. A notarized statement showing agreement for the transfer of all owners of the business is required to complete this transaction.
  - (C) If a business is sold, the business may transfer the license or licenses of the business to the successor business at the time of sale.
  - (D) If an owner leaves the business, any license owned by that owner may be transferred back to themselves as an individual at the time the owner leaves the business, provided the owner was the last individual to own the license before the business owned the license. A notarized statement showing agreement for the transfer of all owners of the business is required to complete this transaction.
- (9) Transfer of Standard or Retired Standard Commercial Fishing License for a Deceased Licensee:
  - (A) If an immediate surviving family member of the deceased licensee is eligible to hold the deceased licensee's Standard Commercial Fishing License or Retired Standard Commercial Fishing License, the Administrator or Executor shall give written notification within six months after the Administrator or Executor qualifies under G.S. 28A to the Division of the request to transfer the deceased's license to the estate Administrator or Executor.
  - (B) A transfer to the Administrator or Executor shall be made according to the provisions of Subparagraphs (2) through (4) of this Paragraph. The Administrator or Executor shall provide a copy of the deceased licensee's death certificate, a copy of the certificate of administration, and a list of eligible immediate family members to the Division.
  - (C) The Administrator or Executor shall only transfer a license in the Administrator or Executor name on behalf of the estate to an eligible surviving family member. The surviving family member transferee shall only



transfer the license to a third party purchaser of the deceased licensee's fishing vessel. Transfers shall be made according to the provisions of Subparagraphs (2) through (4) of this Paragraph.

*History Note:* Authority G.S. 113-134; 113-168.1; 113-168.2; 113-168.3; 113-168.6; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1994;  
Temporary Amendment Eff. August 1, 1999; July 1, 1999;  
Amended Eff. August 1, 2000;  
Readopted Eff. March 17, 2021.

#### **15A NCAC 03O .0110 LICENSE REFUNDS**

All license fees are non-refundable except if licenses are issued by the Division of Marine Fisheries in error.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52; 147-84;  
Eff. March 1, 1995;  
Temporary Amendment Eff. July 1, 1999;  
Amended Eff. August 1, 2000;  
Readopted Eff. June 1, 2022.

### **SECTION .0200 – LEASES AND FRANCHISES**

#### **15A NCAC 03O .0203 SHELLFISH LEASE APPLICATION PROCESSING**

- (a) After acceptance of a completed shellfish lease application as set forth in Rule .0202 of this Section, the proposed shellfish lease area shall be inspected by agents of the Division of Marine Fisheries. Proposed shellfish lease areas inconsistent with applicable standards contained or referenced in Rule .0201 of this Section shall result in the return of the application for amendment to remove the inconsistencies. If the boundaries of the proposed shellfish lease area are modified, the stakes identifying such areas shall be relocated accordingly by the applicant or applicants. The failure of the applicant or applicants to amend the application or modify the shellfish lease area identification, when required, within 30 days of notification shall result in denial of the application.
- (b) If the initial or amended shellfish lease application is deemed consistent with all applicable requirements, the Secretary or the Secretary's designee shall notify the applicant and publish notices of intention to lease in accordance with the standards in G.S. 113-202(f).
- (c) The Secretary shall consider the shellfish lease application, the Division's proposed lease area analysis, and public comments, and may in the Secretary's discretion lease or decline to lease the proposed lease area or any part thereof. Special conditions may be imposed so that shellfish leases may be issued that would otherwise be denied. Should an applicant decide not to accept any special condition imposed on the shellfish lease by the Secretary, the application shall be considered denied.
- (d) After approval of a shellfish lease by the Secretary, the applicant or applicants shall mark the lease in accordance with Rule .0204 of this Section within 30 days of approval.
- (e) Proposed shellfish bottom lease areas remain public bottom until a lease contract has been executed by the Secretary.
- (f) Proposed shellfish water column lease areas superjacent to bottom leases and franchises remain public water until a lease contract has been executed by the Secretary.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 113-202.1; 113-202.2; 113-206; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. October 1, 2008; March 1, 1994; September 1, 1991;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 03O .0205 SHELLFISH LEASE RENEWAL**

- (a) Shellfish lease renewal applications shall be provided to lease holders by the Division of Marine Fisheries as follows:
  - (1) for a shellfish bottom lease, a renewal application shall be provided in January of the year of expiration.
  - (2) for a shellfish water column lease, a renewal application shall be provided at least 90 days prior to the expiration date.
- (b) A shellfish lease renewal application shall be accompanied by a Shellfish Lease Management Plan that meets the requirements of Rule .0202 of this Section. The non-refundable filing fee set forth in G.S. 113-202(j) shall accompany each renewal application for a shellfish bottom lease.
- (c) To be eligible to renew a shellfish lease, persons holding any acres under a shellfish lease or franchise shall meet the requirements established in Rules .0201 and .0204 of this Section and 15A NCAC 03O .0503(a).

(d) If it is determined, after due notice to the shellfish lease holder and after opportunity for the lease holder to be heard, that the lease holder has not complied with the requirements of this Section or that the lease as issued is inconsistent with this Section, the Secretary may decline to renew, at the end of the current terms, any lease. The shellfish lease holder may appeal the Secretary's decision by filing a petition for a contested case under G.S. 150B-23.

(e) Pursuant to G.S. 113-202(a)(6), the Secretary is not authorized to approve renewal of a shellfish lease in an area designated as polluted by a proclamation issued by the Fisheries Director. Excluded from this requirement are shellfish leases located in conditionally approved waters that have been temporarily closed when the conditions of the written management plan are not met as described in 15A NCAC 18A .0905. Shellfish leases partially closed due to pollution shall be amended to exclude the area closed to shellfish harvest prior to renewal.

(f) If the Secretary declines to renew a shellfish lease that has been determined to be inconsistent with the standards of this Section, the Secretary, with the agreement of the lease holder, may issue a renewal lease for all or part of the area previously leased to the lease holder that contains conditions necessary to conform the renewal lease to the requirements of this Section for new leases.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 113-202.1; 113-202.2; 113-206; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. September 1, 2005; May 1, 1997; March 1, 1995; March 1, 1994; October 1, 1992; September 1, 1991;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0206 SHELLFISH LEASE APPLICATION: REQUEST FOR REVIEW**

(a) Any member of the public shall be allowed an opportunity to comment on any shellfish lease application during the public comment period and subsequent public hearing at which the lease application is being considered by the Secretary as set forth in G.S. 113-202.

(b) Procedures for how an applicant or a person other than the applicant who is aggrieved may proceed with a contested case based on dissatisfaction of the Secretary's decision on a shellfish lease application are provided in G.S. 113-202(g). Additionally, a person other than the applicant who is aggrieved may submit a request for a determination of the appropriateness of a contested case hearing. The request and any supporting documentation for the basis of the aggrieved person seeking to commence a contested case shall be submitted within 30 days after the disputed decision is made to the Shellfish Cultivation Lease Review Committee and addressed to the Marine Fisheries Commission Office, Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557. The request shall be submitted on a form provided by the Division.

(c) The Shellfish Lease Review Committee shall notify the aggrieved person of the date of the public meeting for the Committee to consider the request no later than seven calendar days before the date of the public meeting.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 143B-289.52; 143B-289.57;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1994; September 1, 1991;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0207 SHELLFISH LEASE AND FRANCHISE PRODUCTION REPORTS**

(a) The holder or holders of a shellfish lease or franchise shall provide an annual production report to the Division of Marine Fisheries by March 31 of each year showing the amounts of material planted, purchased, and harvested; where and when the material was obtained; and when the material was planted in accordance with Rules .0201 and .0202 of this Section. The report shall include documentation of purchased seed in accordance with Rule .0201 of this Section.

(b) The Division shall provide reporting forms annually to each shellfish lease or franchise holder to be used for the annual production report.

(c) Failure by the holder or holders of the shellfish lease or franchise to submit the required annual production report or filing an incomplete report or a report containing false information constitutes grounds for termination as set forth in Rule .0208 of this Section.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 113-202.1; 113-202.2; 113-206; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. September 1, 1991;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0208 TERMINATION PROCEDURES FOR SHELLFISH LEASES AND FRANCHISES**

(a) Procedures for termination of shellfish leases and franchises are provided in G.S. 113-202.

(b) Consistent with G.S. 113-202(11) and G.S. 113-201(b), a shellfish lease or franchise holder that failed to meet the requirements in G.S. 113-202, G.S. 113-202.1, G.S. 113-202.2, or the rules of this Section that govern a determination of failure to utilize the lease on a continuing basis for the commercial production of shellfish may be granted a single extension period of no more than two years per

contract period upon a showing of hardship by written notice to the Fisheries Director or the Fisheries Director's designee received prior to the expiration of the lease term that documents one of the following occurrences caused or will cause the lease or franchise holder to fail to meet lease requirements:

- (1) death, illness, or incapacity of the shellfish lease or franchise holder or the holder's immediate family as defined in G.S. 113-168 that prevented or will prevent the lease or franchise holder from working the lease;
- (2) damage to the shellfish lease or franchise from hurricanes, tropical storms, or other severe weather events recognized by the National Weather Service;
- (3) shellfish mortality caused by disease, natural predators, or parasites; or
- (4) damage to the shellfish lease or franchise from a manmade disaster that triggers a state emergency declaration or federal emergency declaration.

(c) In the case of hardship as described in Paragraph (b) of this Rule, the notice shall state the shellfish lease or franchise number. In the case of hardship as described in Subparagraph (b)(1) of this Rule, the notice shall also state the name of the shellfish lease or franchise holder or immediate family member and either the date of death or the date of the illness or incapacity. The Fisheries Director may require a doctor's verification that the illness or incapacity occurred. In the case of hardship as described in Subparagraphs (b)(2) through (b)(4) of this Rule, the notice shall also include documentation of damage to the shellfish lease or franchise. Written notice and supporting documentation shall be addressed to the Director of the Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 113-202.1; 113-202.2; 113-205; 113-206; 143B-289.52; Eff. January 1, 1991;  
Amended Eff. May 1, 1997; March 1, 1995; March 1, 1994; October 1, 1992; September 1, 1991;  
Temporary Amendment Eff. January 1, 2002; October 1, 2001;  
Amended Eff. May 1, 2017; April 1, 2003;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0210 STANDARDS AND REQUIREMENTS FOR FRANCHISES**

- (a) Shellfish Management Plans, prepared in accordance with the standards in Rule .0202 of this Section, shall be provided to the Division of Marine Fisheries within 30 days following formal recognition of a valid chain of title and at ten-year intervals thereafter.
- (b) The Shellfish Management Plan requirements in Paragraph (a) of this Rule and all other requirements and conditions of this Section affecting management of franchises shall apply to all valid franchises.
- (c) Commercial production requirements for franchises shall be identical to that required for shellfish bottom leases in accordance with Rules .0201 and .0207 of this Section averaged over the most recent three-year period after January 1 following the second anniversary of the dates of recognition of claims as valid franchises and continuing throughout the term of Shellfish Management Plans required in Paragraph (a) of this Rule.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-202; 113-202.2; 113-205; 113-206; 143B-289.52; Eff. January 1, 1991;  
Amended Eff. October 1, 2008; September 1, 1991;  
Readopted Eff. June 1, 2022.

### **SECTION .0400 – STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY**

#### **15A NCAC 030 .0401 STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY BOARD**

- (a) The Chair of the Marine Fisheries Commission, the Secretary of the Department of Environmental Quality, and the Fisheries Director may each name a designee and an alternate designee to serve on the Standard Commercial Fishing License Eligibility Board as their representative in their absence.
- (b) The Standard Commercial Fishing License Eligibility Board shall not review an application for eligibility without a quorum of the Eligibility Board members or designees being present. Two or more members of the Standard Commercial Fishing License Eligibility Board or their designees constitute a quorum.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52; S.L. 1998-225, s. 4.24;  
Temporary Adoption Eff. April 1, 1999;  
Eff. August 1, 2000;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0402 STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY APPLICATION PROCESS**

- (a) Application forms for determination of eligibility for the Standard Commercial Fishing License Eligibility Pool are available at all offices of the Division of Marine Fisheries and online at <https://deq.nc.gov/about/divisions/marine-fisheries/licenses-permits-and-leases/commercial-fishing-licenses/eligibility-pool> and shall be submitted to any Office of the Division for processing.
- (b) Only one application per individual for determination of eligibility for the Standard Commercial Fishing License Eligibility Pool shall be accepted or may be pending at any one time. An applicant may have only one entry in the Standard Commercial Fishing License Eligibility Pool at any one time.
- (c) Individuals who currently hold or are eligible to purchase a Standard or Retired Standard Commercial Fishing License shall not be eligible to apply for additional Standard Commercial Fishing Licenses through the Standard Commercial Fishing License Eligibility Pool.
- (d) If an applicant has died or becomes ineligible and is subsequently selected from the Standard Commercial Fishing License Eligibility Pool, that license eligibility shall automatically revert to the Eligibility Pool.
- (e) Persons claiming retirement from commercial fishing or transferring their Standard Commercial Fishing License shall not be eligible to apply for a Standard Commercial Fishing License through the Standard Commercial Fishing License Eligibility Pool for two years from the date of the last transfer, except as provided in Rule .0404(3) of this Section.
- (f) Applicants shall notify the Division within 30 days of a change of address.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52; S.L. 1998-225, s. 4:24;  
Temporary Adoption Eff. April 1, 1999;  
Eff. August 1, 2000;  
Amended Eff. October 1, 2008; February 1, 2008;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 030 .0403 STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY BOARD REVIEW**

- (a) After determination of eligibility by the Standard Commercial Fishing License Eligibility Board, applicants will be notified in writing as to the applicant meeting or not meeting required eligibility criteria for the Standard Commercial Fishing License Eligibility Pool.
- (b) The Marine Fisheries Commission shall determine the number of licenses available from the Standard Commercial Fishing License Eligibility Pool at its first regularly scheduled meeting following July 1 of each year.
- (c) The Standard Commercial Fishing License Eligibility Board shall meet to review applications as often as deemed necessary by the Chair of the Eligibility Board.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52; S.L. 1998-225, s. 4:24;  
Temporary Adoption Eff. April 1, 1999;  
Eff. August 1, 2000;  
Amended Eff. February 1, 2008;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 030 .0404 STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY CRITERIA**

In determining eligibility of an applicant for the Standard Commercial Fishing License Eligibility Pool, the Standard Commercial Fishing License Eligibility Board shall apply the following criteria:

- (1) involvement in commercial fishing:
  - (a) significant involvement in the commercial fishing industry for three of the last five years;
  - (b) significant involvement in commercial fishing or in the commercial fishing industry prior to the last five years;
  - (c) in the case of an applicant who is under 16 years of age, significant involvement in commercial fishing for two out of the last five years with a parent, legal guardian, grandparent, or other adult; or
  - (d) significant involvement of the applicant's family in commercial fishing. For the purpose of this Sub-Item, family shall include mother, father, brothers, sisters, spouse, children, grandparents, or legal guardian.

For the purposes of this Rule, "significant involvement" shall mean persons or corporations who are engaged in the actual taking of fish for sale, from the waters of the State, or other states, jurisdictions, or federal waters, or any licensed dealer or the dealer's employees who purchase fish at the point of landing. Significant involvement does not include activities such as those who transport fish from the point of landing, those who sell or make commercial or recreational fishing gear, those who operate bait and tackle shops unless they are engaged in the actual taking of bait for sale, or those who work in fish markets or crab picking operations;
- (2) compliance with applicable laws, regulations, and rules:

- (a) the applicant shall not have any licenses, endorsements, or Commercial Fishing Vessel Registrations issued by the Division of Marine Fisheries or the right to hold them under suspension or revocation at the time of application or during the eligibility review;
- (b) if selected for the Standard Commercial Fishing License Eligibility Pool, the applicant shall become ineligible for the Standard Commercial Fishing License Eligibility Pool if any licenses, endorsements, or Commercial Fishing Vessel Registrations or the right to hold them issued by the Division are suspended or revoked;
- (c) four convictions within the last three years or the number of convictions that would cause suspension or revocation of licenses, endorsements, or Commercial Fishing Vessel Registrations as set forth in Rule .0114 of this Subchapter within the last three years shall result in the application being denied. An applicant for the Standard Commercial Fishing License Eligibility Pool shall provide certification that the applicant does not have four or more marine or estuarine resource convictions during the previous three years, as set forth in Rule .0101 of this Subchapter; and
- (d) a record of habitual violations evidenced by eight or more convictions in the last 10 years shall result in the application being denied.

For purposes of eligibility for the Standard Commercial Fishing License Eligibility Pool, the term convictions shall include any conviction for violation of any provision of Chapter 113 of the North Carolina General Statutes and any rule implementing or authorized by such statutes, any conviction for violation of G.S. 76-40 and any rule implementing or authorized by such statute, any conviction of Chapter 75A of the North Carolina General Statutes and any rule implementing or authorized by such statutes, any conviction for violation of any provision of Article 7 of Chapter 143B of the North Carolina General Statutes and any rule implementing or authorized by such statutes, any conviction of resist, obstruct, or delay involving a Marine Fisheries Inspector or Wildlife Protector under G.S. 14-223, and any conviction involving assaultive behavior toward a Marine Fisheries Inspector or other governmental official of the Department of Environmental Quality or the Wildlife Resources Commission;

- (3) the applicant shall not have transferred a Standard Commercial Fishing License granted by the Standard Commercial Fishing License Eligibility Board; and
- (4) an applicant for the Standard Commercial Fishing License Eligibility Pool shall meet all other statutory eligibility requirements for a Standard Commercial Fishing License.

*History Note:* Authority G.S. 113-134; 113-168.1; 113-168.2; 113-182; 143B-289.52; S.L. 1998-225, s. 4.24; Temporary Adoption Eff. April 1, 1999; Eff. August 1, 2000; Amended Eff. October 1, 2008; February 1, 2008; Readopted Eff. June 1, 2022.

#### **15A NCAC 030 .0406 STANDARD COMMERCIAL FISHING LICENSE ELIGIBILITY POOL CERTIFICATION**

Annual certification to maintain an eligible application in the Standard Commercial Fishing License Eligibility Pool shall be as follows:

- (1) the applicant shall certify that the information on the applicant's original application is correct and that the applicant desires to remain in the Standard Commercial Fishing License Eligibility Pool. A certification form shall be provided and mailed to the applicant at the last known address by the Division of Marine Fisheries;
- (2) the certification form with any changes, such as address, phone number, or updated fisheries involvement information since the last application or certification, shall be notarized and submitted to the Division within 12 months of the initial application and annually thereafter; and
- (3) failure to return certification that an application is correct or with changes within 30 days from when the Division mailed the form to the applicant shall result in the application being removed from the Standard Commercial Fishing License Eligibility Pool. An applicant that has been removed from the Standard Commercial Fishing License Eligibility Pool shall receive a notice from the Division.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52; S.L. 1998-225, s. 4.24; Temporary Adoption Eff. April 1, 1999; Eff. August 1, 2000; Readopted Eff. June 1, 2022.

## SUBCHAPTER 03P - ADMINISTRATIVE PROCEDURES

### SECTION .0100 - HEARING PROCEDURES

#### **15A NCAC 03P .0101 LICENSE, PERMIT, OR CERTIFICATE DENIAL: REQUEST FOR REVIEW**

(a) Except in cases where summary suspension is applicable, before the Division of Marine Fisheries may commence proceedings for suspension, revocation, annulment, withdrawal, recall, cancellation, or amendment of a license, notice shall be given to the license holder that the license holder may file a petition for a contested case in accordance with G.S. 113-171(e) and may request a final agency decision in accordance with G.S. 113-171(f).

(b) For the purpose of this Rule and in accordance with G.S. 150B-2, "permit" includes "certification" and "certificate of compliance."

(c) Except in cases where G.S. 113-171, 15A NCAC 03O .0114, or summary suspension is applicable, before the Division may commence proceedings for suspension, revocation, annulment, withdrawal, recall, cancellation, or amendment of a permit, notice shall be given to the permittee that the permittee:

- (1) may request an opportunity to show compliance with all requirements for retention of the permit by submitting a statement in writing to the personnel designated in the notice to commence proceedings; and
- (2) has the right, through filing a request for a contested case hearing in the Office of Administrative Hearings, to a hearing before an administrative law judge.

(d) For a permit related to endangered or threatened species or a species managed by a quota, any statements submitted by the permittee to show compliance with all requirements for retention of the permit shall be postmarked or emailed within five days of receipt of the notice to commence proceedings. For all other permits, any statements submitted by the permittee to show compliance with all requirements for retention of the permit shall be postmarked or emailed within 10 days of receipt of the notice to commence proceedings. Statements and any supporting documentation shall be addressed to the personnel designated in the notice and if mailed, sent to the Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557, or if emailed, sent to the email address provided in the notice for the designated personnel.

(e) Upon receipt of a statement and any supporting documentation from the permittee, the Division shall review the statement and, within 10 days, shall notify the permittee in writing with the Division's determination whether the permittee demonstrated compliance with all requirements for retention of the permit. In making this determination, the Division may consider changes the permittee made enabling the permittee to conduct the operations for which the permit is held in accordance with all applicable laws and rules, and processing errors made by the Division.

*History Note:* Authority G.S. 113-134; 113-171; 113-182; 113-221.2; 143B-289.52; 150B-3; 150B-23;  
Eff. January 1, 1991;  
Amended Eff. May 1, 2017; August 1, 1999;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 03P .0102 CONTESTED CASE HEARING PROCEDURES**

Contested case hearings shall be held in accordance with Article 3 of Chapter 150B of the General Statutes.

*History Note:* Authority G.S. 113-131; 113-134; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. August 1, 1999;  
Readopted Eff. June 1, 2022.

### SECTION .0200 - DECLARATORY RULINGS

#### **15A NCAC 03P .0201 DECLARATORY RULINGS: GENERALLY**

At the request of any person aggrieved, as defined in G.S. 150B-2(6), the Marine Fisheries Commission may issue a declaratory ruling as provided in G.S. 150B-4 and rules of this Section.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52; 150B-4;  
Eff. April 1, 1999;  
Readopted Eff. June 1, 2022.

#### **15A NCAC 03P .0202 PROCEDURE FOR REQUESTING DECLARATORY RULINGS**

(a) All requests for a declaratory ruling shall be submitted in writing to the Marine Fisheries Commission Chair and addressed to the Marine Fisheries Commission Office, Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557.

- (b) All requests shall include the following:
- (1) the petitioner's name and address;
  - (2) the rule, statute, or order upon which a ruling is desired;
  - (3) a statement as to whether the request is for a ruling on:
    - (A) the validity of a rule;
    - (B) the applicability of a rule, order, or statute to a given factual situation; or
    - (C) a conflict or inconsistency within the Commission or the Department of Environmental Quality regarding interpretation of a law or rule adopted by the Commission;
  - (4) arguments or data that demonstrate the petitioner is aggrieved by the rule or statute or its potential application to the petitioner;
  - (5) a statement of the consequences of a failure to issue a declaratory ruling in favor of the petitioner;
  - (6) a draft of the proposed ruling; and
  - (7) a statement of whether an oral argument is desired, and, if so, the reasons for requesting such an oral argument.
- (c) A request for a ruling on the validity of a Commission rule shall state the petitioner's reasons for questioning the validity of the rule and a brief or legal memorandum supporting the petitioner's position. A request for a ruling on the applicability of a rule, order, or statute shall include a statement of the specific facts to a given factual situation and documentation supporting those facts. A request for a ruling to resolve a conflict or inconsistency within the Commission or the Department regarding interpretation of a law or rule adopted by the Commission shall include a written description identifying the conflict or inconsistency, the interpretation provided by the agency, and the law or rule in question. A person may ask for multiple types of declaratory rulings in a single request.
- (d) In the manner provided in G.S. 150B-23(d), any other person may request to intervene in the request for declaratory ruling. The request to intervene shall be determined by the Commission Chair.

*History Note:* Authority G.S. 113-134; 113-182; 143B-289.52; 150B-4;  
 Eff. April 1, 1999;  
 Readopted Eff. June 1, 2022.

#### **15A NCAC 03P .0203 DISPOSITION OF REQUESTS FOR DECLARATORY RULING**

- (a) The Marine Fisheries Commission Chair shall make a determination on the completeness of a request for declaratory ruling based on the requirements of this Section.
- (b) Before the Commission decides the merits of the request, the Commission Chair may:
- (1) request additional written submissions from the petitioner;
  - (2) allow the petitioner to file a reply to the response submitted in accordance with Subparagraph (1) of this Paragraph; and
  - (3) request oral arguments from the petitioner or the petitioner's legal counsel.
- (c) Unless the Division of Marine Fisheries waives the opportunity to be heard, it shall be a party to any request for declaratory ruling. The Division shall be allowed to present a written response and oral arguments to the Commission at a regularly scheduled meeting.
- (d) The Commission shall make a decision to grant or deny the request in accordance with G.S. 150B-4.
- (e) The Commission shall deny the request upon making any of the following findings:
- (1) the request is not complete;
  - (2) the petitioner is not a person aggrieved;
  - (3) there has been a similar determination in a previous contested case or declaratory ruling;
  - (4) the matter is the subject of a pending contested case hearing or litigation in any North Carolina or federal court;
  - (5) no genuine controversy exists as to the application of a statute, order, or rule to the factual situation presented;
  - (6) the factual context put forward as the subject of the declaratory ruling was considered upon the adoption of the rule being questioned, as evidenced by the rulemaking record;
  - (7) the information provided by the petitioner, the Department, or any interveners does not support a determination that a rule is invalid; or
  - (8) there is no material conflict or inconsistency within the Commission or Department regarding the law or rule identified by the petitioner.
- (f) The Commission shall keep a record of each declaratory ruling, which shall include the following items:
- (1) the request for a ruling;
  - (2) any written submission by a party;
  - (3) the statement of facts on which the ruling was based;
  - (4) any transcripts of oral proceedings, or, in the absence of a transcript, a summary of all arguments;
  - (5) any other matter considered by the Commission in making the decision; and
  - (6) the declaratory ruling, or the decision to refuse to issue a declaratory ruling, together with the reasons therefore.

- (g) For purposes of this Section, a declaratory ruling shall be deemed to be in effect until:
- (1) the statute or rule interpreted by the declaratory ruling is repealed or the relevant provisions of the statute or rule are amended or altered;
  - (2) any court of the Appellate Division of the General Court of Justice construes the statute or rule that is the subject of the declaratory ruling in a manner plainly irreconcilable with the declaratory ruling;
  - (3) the Commission changes the declaratory ruling prospectively; or
  - (4) any court sets aside the declaratory ruling in litigation between the Commission or Department of Environmental Quality and the party requesting the ruling.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52; 150B-4;  
Eff. April 1, 1999;  
Readopted Eff. June 1, 2022.*

## **SECTION .0300 - PETITIONS FOR RULEMAKING**

### **15A NCAC 03P .0301 FORM AND CONTENTS OF PETITIONS FOR RULEMAKING**

- (a) Any person wishing to request the adoption, amendment, or repeal of a rule of the Marine Fisheries Commission shall submit the person's request in a written petition to the Marine Fisheries Commission Chair addressed to the Marine Fisheries Commission Office, Division of Marine Fisheries, 3441 Arendell Street, P.O. Box 769, Morehead City, NC 28557.
- (b) The petition shall specify it is filed pursuant to G.S. 150B-20 and shall contain the following information:
- (1) the text of the proposed rules for adoption or amendment;
  - (2) a statement of the reasons for adoption or amendment of the proposed rules, or the repeal of existing rules;
  - (3) a statement of the effect of the requested rule changes on:
    - (A) existing rules;
    - (B) existing practices in the area involved; and
    - (C) those most likely to be affected by the requested rule changes; and
  - (4) the name and address of the petitioner.
- (c) The petitioner may include the following information within the request:
- (1) the statutory authority for the agency to promulgate the rules;
  - (2) a statement of the cost factors for persons affected by the proposed rules;
  - (3) a statement explaining the computation of the cost factors;
  - (4) a description, including the names and addresses, if known, of those most likely to be affected by the proposed rules; and
  - (5) documents and data supporting the proposed rules.
- (d) In its review of the proposed rules, the Commission shall consider:
- (1) whether it has the authority to adopt the rules;
  - (2) the effect of the proposed rules on existing rules, programs, and practices;
  - (3) probable costs and cost factors of the proposed rules; and
  - (4) the impact of the rules on the public and regulated entities.
- (e) A petition failing to contain the required information shall be returned by the Marine Fisheries Commission Chair.

*History Note: Authority G.S. 113-134; 113-182; 113-201; 143B-289.51; 143B-289.52; 150B-20;  
Eff. April 1, 1999;  
Readopted Eff. June 1, 2022.*

### **15A NCAC 03P .0302 REVIEW OF RULEMAKING PETITIONS BY A COMMITTEE OF THE COMMISSION**

- (a) The Marine Fisheries Commission Chair may refer complete petitions, as set forth in Rule .0301 of this Section, to the appropriate standing advisory committees or other advisory committees of the Commission for review and recommended action. Copies of petitions for rulemaking shall be distributed to the Commission members when referred to a committee of the Commission.
- (b) Within 10 days of the assignment of the complete petition, the Chair of the Committee assigned to review a submitted petition for rulemaking shall announce the date of a meeting to consider the petition.
- (c) At least 15 days before the Committee meeting, the Committee Chair shall send notice of the Committee meeting to the petitioner, members of the Commission, and persons who have requested notice of petitions for rulemaking.
- (d) If the petition is referred to a Committee, the petitioner shall be afforded the opportunity to present the petition for rulemaking to the Committee. The Fisheries Director, Division of Marine Fisheries staff, or their legal counsel may make a presentation to the Committee.



(e) The Committee Chair shall allow one interested person to present the viewpoint of those who oppose initiating rulemaking. The Committee Chair may determine whether additional interested persons shall make oral presentations before the Committee.

(f) At least 10 days before the Committee meeting, interested persons shall request the opportunity to make a presentation to the Committees through the Chairs of the Committees. The request shall:

- (1) state the interest of the person;
- (2) state the person's position on the petition for rulemaking; and
- (3) be accompanied by supporting materials.

(g) During the Committee's review, members of the Commission, other than Committee members, who are present may participate as a member of the Committee in discussions of the petition but may not vote on the recommended action on the petition.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52; 150B-20;  
Eff. April 1, 1999;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 03P .0303 PRESENTATION OF RULEMAKING PETITIONS TO THE COMMISSION**

(a) A complete petition for rulemaking, as set forth in Rule .0301 of this Section, shall be presented to the Marine Fisheries Commission for its consideration and determination at the next regularly scheduled meeting of the Commission.

(b) If the petition for rulemaking was reviewed by a Committee pursuant to Rule .0302 of this Section, the petition and the Committee's recommended action shall be presented through the Chair of the Committee or other designated member of the Committee during the business session of the Commission. Unless the Commission Chair rules otherwise, discussion on the petition shall be limited to the members of the Commission, legal counsel to the Commission, the Fisheries Director, Division of Marine Fisheries staff, legal counsel to the Department of Environmental Quality, the petitioner, and the petitioner's legal counsel.

(c) For a petition not referred to a Committee, the Commission Chair shall allow one interested person to present the viewpoint of those who oppose initiating rulemaking. The Commission Chair may determine whether additional interested persons shall make oral presentations before the Commission. At least 10 days before the Commission meeting, interested persons shall request the opportunity to make a presentation to the Commission through the Commission Chair. The request shall:

- (1) state the interest of the person;
- (2) state the person's position on the petition for rulemaking; and
- (3) be accompanied by supporting materials.

(d) Within 120 days following submission of the petition requesting rulemaking, the Marine Fisheries Commission shall:

- (1) grant the petition in writing, notify the petitioner in writing, and initiate rulemaking proceedings in accordance with G.S. 150B-20; or
- (2) deny the petition in writing, stating the reason or reasons for the denial, and send the written denial to the person or persons who submitted the petition.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52; 150B-20;  
Eff. April 1, 1999;  
Readopted Eff. June 1, 2022.*

#### **15A NCAC 03P .0304 RECOURSE TO DENIAL OF THE PETITION**

*History Note: Authority G.S. 113-134; 113-182; 143B-289.51; 150B-20;  
Eff. April 1, 1999;  
Repealed Eff. June 1, 2022.*

### **SUBCHAPTER 03R – DESCRIPTIVE BOUNDARIES**

#### **SECTION .0100 – DESCRIPTIVE BOUNDARIES**

#### **15A NCAC 03R .0104 PERMANENT SECONDARY NURSERY AREAS**

The permanent secondary nursery areas referenced in 15A NCAC 03N .0105(a) are delineated in the following coastal water areas:

- (1) Roanoke Sound:  
Inner Shallowbag Bay - west of a line beginning on the northeast shore at a point 35° 54.6729' N – 75° 39.8099' W;  
running southerly to the southeast shore to a point 35° 54.1722' N – 75° 39.6806' W;
- (2) in the Pamlico Long Sound Area:

- (a) Long Shoal River - north of a line beginning at the 5th Avenue Canal at a point 35° 35.2120' N – 75° 53.2232' W; running easterly to the east shore on Pains Point to a point 35° 35.0666' N – 75° 51.2000' W;
- (b) Pains Bay - east of a line beginning on Pains Point at a point 35° 35.0666' N – 75° 51.2000' W; running southerly to Rawls Island to a point 35° 34.4666' N – 75° 50.9666' W; running easterly to the east shore to a point 35° 34.2309' N – 75° 50.2695' W;
- (c) Wysocking Bay - northwest of a line beginning at Benson Point at a point 35° 22.9684' N – 76° 03.7129' W; running northeasterly to Long Point to a point 35° 24.6895' N – 76° 01.3155' W;
- (d) Juniper Bay-Cunning Harbor - north of a line beginning on the west shore of Juniper Bay at a point 35° 20.6217' N – 76° 15.5447' W; running easterly to a point 35° 20.4372' N – 76° 13.2697' W; running easterly to the east shore of Cunning Harbor to a point 35° 20.3413' N – 76° 12.3378' W;
- (e) Swanquarter Bay - north of a line beginning at The Narrows at a point 35° 20.9500' N – 76° 20.6409' W; running easterly to the east shore to a point 35° 21.5959' N – 76° 18.3580' W;
- (f) Deep Cove - The Narrows - north and east of a line beginning on the west shore at a point 35° 20.9790' N – 76° 23.8577' W; running southeasterly to Swanquarter Island to a point 35° 20.5321' N – 76° 22.7869' W; and west of a line at The Narrows beginning on the north shore to a point 35° 20.9500' N – 76° 20.6409' W; running southerly to Swanquarter Island to a point 35° 20.7025' N – 76° 20.5620' W;
- (g) Rose Bay - north of a line beginning on Long Point at a point 35° 23.3404' N – 76° 26.2491' W; running southeasterly to Drum Point to a point 35° 22.4891' N – 76° 25.2012' W;
- (h) Spencer Bay - northwest of a line beginning on Roos Point at a point 35° 22.3866' N – 76° 27.9225' W; running northeasterly to Long Point to a point 35° 23.3404' N – 76° 26.2491' W;
- (i) Abel Bay - northeast of a line beginning on the west shore at a point 35° 23.6463' N – 76° 31.0003' W; running southeasterly to the east shore to a point 35° 22.9353' N – 76° 29.7215' W;
- (j) Mouse Harbor - west of a line beginning on Persimmon Tree Point at a point 35° 18.3915' N – 76° 29.0454' W; running southerly to Yaupon Hammock Point to a point 35° 17.1825' N – 76° 28.8713' W;
- (k) Big Porpoise Bay - northwest of a line beginning on Big Porpoise Point at a point 35° 15.6993' N – 76° 28.2041' W; running southwesterly to Middle Bay Point to a point 35° 14.9276' N – 76° 28.8658' W;
- (l) Middle Bay - west of a line beginning on Deep Point at a point 35° 14.8003' N – 76° 29.1923' W; running southerly to Little Fishing Point to a point 35° 13.5419' N – 76° 29.6123' W;
- (m) Jones Bay - west of a line beginning on Mink Trap Point at a point 35° 13.4968' N – 76° 31.1040' W; running southerly to Boar Point to a point 35° 12.3253' N – 76° 31.2767' W; and
- (n) in the Bay River Area:
  - (i) Bonner Bay - southeast of a line beginning on the west shore at a point 35° 09.6281' N – 76° 36.2185' W; running northeasterly to Davis Island Point to a point 35° 10.0888' N – 76° 35.2587' W; and
  - (ii) Gales Creek-Bear Creek - north and west of a line beginning on Sanders Point at a point 35° 11.2833' N – 76° 35.9000' W; running northeasterly to the east shore to a point 35° 11.9000' N – 76° 34.2833' W;
- (3) in the Pamlico and Pungo Rivers Area:
  - (a) Pungo River - north of a line beginning on the west shore at a point 35° 32.2000' N – 76° 29.2500' W; running east near Beacon "21" to the east shore to a point 35° 32.0833' N – 76° 28.1500' W;
  - (b) Pungo Creek - west of a line beginning on Persimmon Tree Point at a point 35° 30.7633' N – 76° 38.2831' W; running southwesterly to Windmill Point to a point 35° 31.1546' N – 76° 37.7590' W;
  - (c) Scranton Creek - south and east of a line beginning on the west shore at a point 35° 30.6810' N – 76° 28.3435' W; running easterly to the east shore to a point 35° 30.7075' N – 76° 28.6766' W;
  - (d) Slade Creek - east of a line beginning on the west shore at a point 35° 27.8879' N – 76° 32.9906' W; running southeasterly to the east shore to a point 35° 27.6510' N – 76° 32.7361' W;
  - (e) Fortescue Creek - east of a line beginning on Pasture Point at a point 35° 25.9213' N – 76° 31.9135' W; running southerly to the Lupton Point shore to a point 35° 25.6012' N – 76° 31.9641' W;
  - (f) Pamlico River - west of a line beginning on Ragged Point at a point 35° 27.5768' N – 76° 54.3612' W; running southwesterly to Mauls Point to a point 35° 26.9176' N – 76° 55.5253' W;
  - (g) North Creek - north of a line beginning on the west shore at a point 35° 25.3988' N – 76° 40.0455' W; running southeasterly to the east shore to a point 35° 25.1384' N – 76° 39.6712' W;
  - (h) South Creek - west of a line beginning on Hickory Point at a point 35° 21.7385' N – 76° 41.5907' W; running southerly to Fork Point to a point 35° 20.7534' N – 76° 41.7870' W;
  - (i) Bond Creek/Muddy Creek - south of a line beginning on Fork Point at a point 35° 20.7534' N – 76° 41.7870' W; running southeasterly to Gum Point to a point 35° 20.5632' N – 76° 41.4645' W;

- (j) in the Goose Creek Area, Campbell Creek - west of a line beginning on the north shore at a point 35° 17.3600' N – 76° 37.1096' W; running southerly to the south shore to a point 35° 16.9876' N – 76° 37.0965' W; and
  - (k) Oyster Creek-Middle Prong - southwest of a line beginning on Pine Hammock at a point 35° 19.5586' N – 76° 32.8830' W; running easterly to Cedar Island to a point 35° 19.5490' N – 76° 32.7365' W; and southwest of a line beginning on Cedar Island at a point 35° 19.4921' N – 76° 32.2590' W; running southeasterly to Beard Island Point to a point 35° 19.1265' N – 76° 31.7226' W;
- (4) in the Neuse River Area:
- (a) Lower Broad Creek - west of a line beginning on the north shore at a point 35° 05.8314' N – 76° 35.3845' W; running southwesterly to the south shore to a point 35° 05.5505' N – 76° 35.7249' W;
  - (b) Greens Creek - north of a line beginning on the west shore of Greens Creek at a point 35° 01.3476' N – 76° 42.1740' W; running northeasterly to the east shore to a point 35° 01.4899' N – 76° 41.9961' W;
  - (c) Dawson Creek - north of a line beginning on the west shore at a point 34° 59.5920' N – 76° 45.4620' W; running southeasterly to the east shore to a point 34° 59.5800' N – 76° 45.4140' W;
  - (d) Goose Creek - north and east of a line beginning at a point on the west shore at a point 35° 02.6642' N – 76° 56.4710' W; running southeasterly to a point on Cooper Point 35° 02.0908' N – 76° 56.0092' W;
  - (e) Upper Broad Creek - northeast of a line beginning at a point on Rowland Point on the north shore at a point 35° 02.6166' N – 76° 56.4500' W; running southeasterly to the south shore to a point 35° 02.8960' N – 76° 56.7865' W;
  - (f) Clubfoot Creek - south of a line beginning on the west shore at a point 34° 54.5424' N – 76° 45.7252' W; running easterly to the east shore to a point 34° 54.4853' N – 76° 45.4022' W; and
  - (g) in the Adams Creek Area, Cedar Creek - east of a line beginning on the north shore at a point 34° 56.1203' N – 76° 38.7988' W; running southerly to the south shore to a point 34° 55.8745' N – 76° 38.8153' W;
- (5) Newport River - west of a line beginning near Penn Point on the south shore at a point 34° 45.6960' N – 76° 43.5180' W; running northeasterly to the north shore to a point 34° 46.8490' N – 76° 43.3296' W;
- (6) Virginia Creek - all waters of the natural channel northwest of the primary nursery area line;
- (7) Old Topsail Creek - all waters of the dredged channel northwest of the primary nursery area line;
- (8) Mill Creek - all waters west of a line beginning on the north shore at a point 34° 20.6420' N – 77° 42.1220' W; running southwesterly to the south shore to a point 34° 20.3360' N – 77° 42.2400' W;
- (9) Pages Creek - all waters west of a line beginning on the north shore at a point 34° 16.1610' N – 77° 45.9930' W; running southwesterly to the south shore to a point 34° 15.9430' N – 77° 46.1670' W;
- (10) Bradley Creek - all waters west of a line beginning on the north shore at a point 34° 12.7030' N – 77° 49.1230' W; running southerly near the dredged channel to a point 34° 12.4130' N – 77° 49.2110' W;
- (11) Cape Fear River - all waters bounded by a line beginning on the south side of the Spoil Island at the intersection of the Intracoastal Waterway and the Cape Fear River ship channel at a point 34° 01.5780' N – 77° 56.0010' W; running easterly to the east shore of the Cape Fear River to a point 34° 01.7230' N – 77° 55.1010' W; running southerly and bounded by the shoreline to the Ferry Slip at Federal Point at a point 33° 57.8080' N – 77° 56.4120' W; running northerly to Bird Island to a point 33° 58.3870' N – 77° 56.5780' W; running northerly along the west shoreline of Bird Island and the Cape Fear River spoil islands back to the point of origin;
- (12) Lockwood Folly River - all waters north of a line beginning on Howells Point at a point 33° 55.3680' N – 78° 12.7930' W and running in a westerly direction along the Intracoastal Waterway near Intracoastal Waterway Marker "46" to a point 33° 55.3650' N – 78° 13.8500' W;
- (13) Saucepan Creek - all waters north of a line beginning on the west shore at a point 33° 54.6290' N – 78° 22.9170' W; running northeasterly to the east shore to a point 33° 54.6550' N – 78° 22.8670' W; and
- (14) Davis Creek - all waters east of a line beginning on Horse Island at a point 33° 55.0160' N – 78° 12.7380' W; running southerly to Oak Island to a point 33° 54.9190' N – 78° 12.7170' W; continuing upstream to the primary nursery line and Davis Canal, all waters southeast of a line beginning on Pinner Point at a point 33° 55.2930' N – 78° 11.6390' W; running southwesterly across the mouth of Davis Canal to the spoil island at the southwest intersection of the Intracoastal Waterway and Davis Canal to a point 33° 55.2690' N – 78° 11.6550' W.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52;  
 Eff. January 1, 1991;  
 Amended Eff. March 1, 1996; March 1, 1994;  
 Recodified from 15A NCAC 3R .0004 Eff. December 17, 1996;  
 Amended Eff. April 1, 2011; August 1, 2004; May 1, 1997;  
 Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. January 9, 2018;  
 Amended Eff. May 1, 2021.*

# **15A NCAC 03R .0105 SPECIAL SECONDARY NURSERY AREAS**

The special secondary nursery areas referenced in 15A NCAC 03N .0105(b) are designated in the following coastal water areas:

- (1) Roanoke Sound:
  - (a) Outer Shallowbag Bay - west of a line beginning on Baum Point at a point 35° 55.1461' N – 75° 39.5618' W; running southeasterly to Ballast Point to a point 35° 54.6250' N – 75° 38.8656' W; including the canal on the southeast shore of Shallowbag Bay; and
  - (b) Kitty Hawk Bay/Buzzard Bay - within the area designated by a line beginning at a point on the east shore of Colington Creek at a point 36° 02.4360' N – 75° 42.3189' W; running westerly to a point 36° 02.6630' N – 75° 41.4102' W; running along the shoreline to a point 36° 02.3264' N – 75° 42.3889' W; running southwesterly to a point 36° 02.1483' N – 75° 42.4329' W; running along the shoreline to a point 36° 01.6736' N – 75° 42.5313' W; running southwesterly to a point 36° 01.5704' N – 75° 42.5899' W; running along the shoreline to a point 36° 00.9162' N – 75° 42.2035' W; running southeasterly to a point 36° 00.8253' N – 75° 42.0886' W; running along the shoreline to a point 35° 59.9886' N – 75° 41.7284' W; running southwesterly to a point 35° 59.9597' N – 75° 41.7682' W; running along the shoreline to the mouth of Buzzard Bay to a point 35° 59.6480' N – 75° 32.9906' W; running easterly to Mann Point to a point 35° 59.4171' N – 75° 32.7361' W; running northerly along the shoreline to the point of beginning;
- (2) in the West Bay Area:
  - (a) West Thorofare Bay - south of a line beginning on the west shore at a point 34° 57.2199' N – 76° 24.0947' W; running easterly to the east shore to a point 34° 57.4871' N – 76° 23.0737' W;
  - (b) Long Bay-Ditch Bay - west of a line beginning on the north shore of Ditch Bay at a point 34° 57.9388' N – 76° 27.0781' W; running southwesterly to the south shore of Ditch Bay to a point 34° 57.2120' N – 76° 27.2185' W; then south of a line running southeasterly to the east shore of Long Bay to a point 34° 56.7633' N – 76° 26.3927' W; and
  - (c) Turnagain Bay - south of a line beginning on the west shore at a point 34° 59.4065' N – 76° 30.1906' W; running easterly to the east shore to a point 34° 59.5668' N – 76° 29.3557' W;
- (3) in the Core Sound Area:
  - (a) Cedar Island Bay - northwest of a line beginning near the gun club dock at a point 34° 58.7203' N – 76° 15.9645' W; running northeasterly to the south shore to a point 34° 57.7690' N – 76° 16.8781' W;
  - (b) Thorofare Bay-Barry Bay - northwest of a line beginning on Rumley Hammock at a point 34° 55.4853' N – 76° 18.2487' W; running northeasterly to Hall Point to a point 34° 54.4227' N – 76° 19.1908' W;
  - (c) Nelson Bay - northwest of a line beginning on the west shore of Nelson Bay at a point 34° 51.1353' N – 76° 24.5866' W; running northeasterly to Drum Point to a point 34° 51.6417' N – 76° 23.7620' W;
  - (d) Brett Bay - north of a line beginning on the west shore at a point 34° 49.4019' N – 76° 26.0227' W; running easterly to Piney Point to a point 34° 49.5799' N – 76° 25.0534' W; and
  - (e) Jarrett Bay - north of a line beginning on the west shore near Old Chimney at a point 34° 45.5743' N – 76° 30.0076' W; running easterly to a point east of Davis Island 34° 45.8325' N – 76° 28.7955' W;
- (4) in the North River Area:
  - (a) North River - north of a line beginning on the west shore at a point 34° 46.0383' N – 76° 37.0633' W; running easterly to a point on the east shore 34° 46.2667' N – 76° 35.4933' W; and
  - (b) Ward Creek - east of a line beginning on the north shore at a point 34° 46.2667' N – 76° 35.4933' W; running southerly to the south shore to a point 34° 45.4517' N – 76° 35.1767' W;
- (5) New River - all waters upstream of a line beginning on the north side of the N.C. Highway 172 Bridge at a point 34° 34.7680' N – 77° 23.9940' W; running southerly to the south side of the bridge at a point 34° 34.6000' N – 77° 23.9710' W;
- (6) Chadwick Bay - all waters west of a line beginning on the northeast side of Chadwick Bay at a point 34° 32.5630' N – 77° 21.6280' W; running southeasterly to a point near Marker "6" at 34° 32.4180' N – 77° 21.6080' W; running westerly to Roses Point at a point 34° 32.2240' N – 77° 22.2880' W; following the shoreline in Fullard Creek to a point 34° 32.0340' N – 77° 22.7160' W; running northwesterly to a point 34° 32.2210' N – 77° 22.8080' W; following the shoreline to the west point of Bump's Creek at a point 34° 32.3430' N – 77° 22.4570' W; running northeasterly to the east shore to a point 34° 32.4400' N – 77° 22.3830' W; following the shoreline of Chadwick Bay back to the point of origin; and
- (7) Intracoastal Waterway - all waters in the Intracoastal Waterway maintained channel from a point near Marker "17" north of Alligator Bay 34° 30.7930' N – 77° 23.1290' W; to a point near Marker "49" at Morris Landing at a point 34° 28.0820' N – 77° 30.4710' W; and all waters in the Intracoastal Waterway maintained channel and 100 feet on either side from Marker "49" to the N.C. Highway 50-210 Bridge at Surf City.

*History Note: Authority G.S. 113-134; 113-182; 143B-289.52;  
Eff. January 1, 1991;  
Amended Eff. March 1, 1996; March 1, 1994;  
Recodified from 15A NCAC 3R .0005 Eff. December 17, 1996;  
Amended Eff. April 1, 2011; August 1, 2004; May 1, 1997;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 03R .0117 OYSTER SANCTUARIES**

The Oyster Sanctuaries referenced in 15A NCAC 03K .0209 are delineated in the following coastal water areas:

- (1) Pamlico Sound area:
  - (a) Croatan Sound: within the area described by a line beginning at a point 35° 48.2842' N - 75° 38.3360' W; running southerly to a point 35° 48.1918' N - 75° 38.3360' W; running westerly to a point 35° 48.1918' N - 75° 38.4575' W; running northerly to a point 35° 48.2842' N - 75° 38.4575' W; running easterly to the point of beginning.
  - (b) Crab Hole: within the area described by a line beginning at a point 35° 43.6833' N - 75° 40.5083' W; running southerly to a point 35° 43.5000' N - 75° 40.5083' W; running westerly to a point 35° 43.5000' N - 75° 40.7500' W; running northerly to a point 35° 43.6833' N - 75° 40.7500' W; running easterly to the point of beginning.
  - (c) Pea Island: within the area described by a line beginning at a point 35° 05.4760' N - 76° 23.5370' W; running southerly to a point 35° 05.4760' N - 76° 23.4040' W; running westerly to a point 35° 05.3680' N - 76° 23.4040' W; running northerly to a point 35° 05.3680' N - 76° 23.5370' W; running easterly to the point of beginning.
  - (d) Long Shoal: within the area described by a line beginning at a point 35° 33.8600' N - 75° 49.9000' W; running southerly to a point 35° 33.8600' N - 75° 49.7670' W; running westerly to a point 35° 33.7510' N - 75° 49.7670' W; running northerly to a point 35° 33.7510' N - 75° 49.9000' W; running easterly to the point of beginning.
  - (e) Gibbs Shoal: within the area described by a line beginning at a point 35° 27.3550' N - 75° 55.9190' W; running southerly to a point 35° 27.1010' N - 75° 55.9190' W; running westerly to a point 35° 27.1010' N - 75° 56.2300' W; running northerly to a point 35° 27.3550' N - 75° 56.2300' W; running easterly to the point of beginning.
  - (f) Deep Bay: within the area described by a line beginning at a point 35° 22.9126' N - 76° 22.1612' W; running southerly to a point 35° 22.7717' N - 76° 22.1612' W; running westerly to a point 35° 22.7717' N - 76° 22.3377' W; running northerly to a point 35° 22.9126' N - 76° 22.3377' W; running easterly to the point of beginning.
  - (g) West Bluff: within the area described by a line beginning at a point 35° 18.3160' N - 76° 10.2960' W; running southerly to a point 35° 18.3160' N - 76° 10.0690' W; running westerly to a point 35° 18.1290' N - 76° 10.0690' W; running northerly to a point 35° 18.1290' N - 76° 10.2960' W; running easterly to the point of beginning.
  - (h) Middle Bay: within the area described by a line beginning at a point 35° 14.1580' N - 76° 30.1780' W; running southerly to a point 35° 14.1150' N - 76° 30.1780' W; running westerly to a point 35° 14.1150' N - 76° 30.3320' W; running northerly to a point 35° 14.1580' N - 76° 30.3320' W; running easterly to the point of beginning.
  - (i) Swan Island: within the area described by a line beginning at a point 35° 05.6170' N - 76° 27.5040' W; running southerly to a point 35° 05.6020' N - 76° 26.7650' W; running westerly to a point 35° 05.4850' N - 76° 26.7640' W; running northerly to a point 35° 05.4990' N - 76° 27.5030' W; running easterly to the point of beginning.
  - (j) Raccoon Island: within the area described by a line beginning at a point 35° 05.4760' N - 76° 23.5370' W; running southerly to a point 35° 05.4760' N - 76° 23.4040' W; running westerly to a point 35° 05.3860' N - 76° 23.4040' W; running northerly to a point 35° 05.3680' N - 76° 23.5370' W; running easterly to the point of beginning.
  - (k) West Bay: within the area described by a line beginning at a point 34° 58.8517' N - 76° 21.3632' W; running southerly to a point 34° 58.7661' N - 76° 21.3632' W; running westerly to a point 34° 58.7661' N - 76°

- 21.4735' W; running northerly to a point 34° 58.8517' N - 76° 21.4735' W; running easterly to the point of beginning.
- (2) Neuse River area:
- (a) Little Creek: within the area described by a line beginning at a point 35° 02.6940' N - 76° 30.9840' W; running southerly to a point 35° 02.6940' N - 76° 30.7940' W; running westerly to a point 35° 02.5380' N - 76° 30.7940' W; running northerly to a point 35° 02.5380' N - 76° 30.9840' W; running easterly to the point of beginning.
- (b) Neuse River: within the area described by a line beginning at a point 35° 00.4910' N - 76° 31.9350' W; running southerly to a point 35° 00.3750' N - 76° 31.9350' W; running westerly to a point 35° 00.3750' N - 76° 32.0750' W; running northerly to a point 35° 00.4910' N - 76° 32.0750' W; running easterly to the point of beginning.

*History Note:* Authority G.S. 113-134; 113-182; 113-201; 113-204; 143B-289.52;  
Eff. October 1, 2008;  
Amended Eff. April 1, 2011;  
Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. January 9, 2018;  
Amended Eff. May 1, 2021.

**NORTH CAROLINA ADMINISTRATIVE CODE  
TITLE 15A – ENVIRONMENTAL QUALITY  
CHAPTER 18 – ENVIRONMENTAL HEALTH**

**SUBCHAPTER 18A – SANITATION**

**SECTION .0100 – HANDLING, PACKING, AND SHIPPING OF CRUSTACEA MEAT**

**15A NCAC 18A .0134 DEFINITIONS**

The following definitions shall apply to this Section; however, nothing in this Section shall be construed as expanding or restricting the definitions in G.S. 106-129 and G.S. 106-130:

- (1) "Adulterated" as defined in G.S. 106-129 shall include the following:
  - (a) any cooked crustacea or crustacea meat that does not comply with the rules in this Section;
  - (b) any cooked crustacea or crustacea meat that exceeds the bacteriological standards in Rule .0182 of this Section; or
  - (c) any cooked crustacea or crustacea meat that has been deemed to be an imminent hazard.
- (2) "Clean" means free from dirt, debris, dust, marks, stains, waste materials, litter, or foreign material.
- (3) "Code date" means the date legibly placed on the container to indicate the date that the product was packed.
- (4) "Cook" means to prepare or treat raw crustacea by heating.
- (5) "Critical control point" means a point, step, or procedure in a food process at which a control can be applied and a food safety hazard can, as a result, be prevented, eliminated, or reduced to acceptable levels.
- (6) "Critical limit" means the maximum or minimum value to which a biological, chemical, or physical parameter shall be controlled at a critical control point to prevent, eliminate, or reduce to an acceptable level the occurrence of the identified food safety hazard.
- (7) "Crustacea meat" means the meat of crabs, lobster, shrimp, or crayfish.
- (8) "Division" means the Division of Marine Fisheries.
- (9) "Easily cleanable" has the same meaning as defined in the 2017 U.S. Food Code. This definition is incorporated by reference not including subsequent amendments and editions. A copy of the reference material can be found at <https://www.fda.gov/food/fda-food-code/food-code-2017>, at no cost.
- (10) "Food-contact surface" means the parts of equipment, including auxiliary equipment, that may be in contact with the food being processed, or that may drain into the portion of equipment with which food is in contact.
- (11) "Food safety hazard" means any biological, chemical, or physical property that may cause a food to be unsafe for human consumption.
- (12) "Foreign" means any place or location outside the United States.
- (13) "Fresh crustacea" means a live, raw, or frozen raw crab, lobster, shrimp, or crayfish that shows no decomposition.
- (14) "Good repair" means maintained in order to function as designed and without defect.
- (15) "HACCP plan" means a written document that delineates the procedures a dealer follows to implement food safety controls.
- (16) "Hazard analysis critical control point (HACCP)" means a system of inspection, control, and monitoring measures initiated by a dealer to identify microbiological, chemical, or physical food safety hazards that are likely to occur in shellfish products produced by the dealer.
- (17) "Imminent hazard" has the same meaning as defined in G.S. 130A-2.
- (18) "Internal temperature" means the temperature of the product as opposed to the ambient temperature.
- (19) "Misbranded" as defined in G.S. 106-130 shall include any container of cooked crustacea or crustacea meat that is not labeled in compliance with the rules in this Section.
- (20) "Most probable number (MPN)" means a statistical estimate of the number of bacteria per unit volume and is determined from the number of positive results in a series of fermentation tubes.
- (21) "Operating season" means the season of the year during which a crustacea product is processed.
- (22) "Pasteurization" means the process of heating every particle of crustacea meat in a hermetically-sealed container to a temperature of at least 185° F (85° C) and holding it continuously at or above this temperature for at least one minute at the geometric center of a container in equipment being operated in compliance with the Process Validation Study Report. The term includes any other process that has been found equally effective by the Division.
- (23) "Pasteurization date" means a code legibly placed on the container to indicate the date that the product was pasteurized.
- (24) "Process Validation Study Report" means a report of tests that shows a piece of equipment can produce time-temperature results as required by the rules of this Section, and the procedures required to achieve such results.

- (25) "Processing" means any of the following operations when carried out in conjunction with the cooking of crustacea or crustacea meat: receiving, refrigerating, air-cooling, picking, packing, repacking, thermal processing, or pasteurizing.
- (26) "Repacker" means a facility that repacks cooked crustacea meat into other containers.
- (27) "Responsible individual" means the individual present in a cooked crustacea facility who is the apparent supervisor of the cooked crustacea facility at the time of the inspection. If no individual is the apparent supervisor, then any employee is the responsible individual.
- (28) "Retort" means a pressure vessel used to cook raw crustacea.
- (29) "Sanitize" has the same meaning as defined in 21 CFR 110.3, which is incorporated by reference including subsequent amendments and editions. A copy of the reference material can be found at <https://www.ecfr.gov/current/title-21/chapter-I/subchapter-B/part-110/subpart-A/section-110.3>, at no cost.
- (30) "Thermal processing" means the heating of previously cooked crustacea or crustacea meat to a desired temperature for a specified time at the geometric center of a container in equipment being operated in compliance with the Process Validation Study Report.

*History Note:* Authority G.S. 106-129; 106-130; 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Amended Eff. August 1, 2000; August 1, 1998; February 1, 1997;  
 Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0137 GENERAL REQUIREMENTS FOR OPERATION**

- (a) During the operating season the processing portion of the facility shall be used for no purpose other than the processing of cooked crustacea or crustacea meat.
- (b) Retail sales of cooked crustacea or crustacea meat shall not be made from any processing portion of the facility.
- (c) Accurate records of all purchases and sales of crustacea and crustacea meat shall be maintained for one year. The records shall be available for inspection by the Division of Marine Fisheries.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Amended Eff. April 1, 1997;  
 Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0138 SUPERVISION**

- (a) The owner or responsible individual shall supervise the processing operation and be responsible for compliance with the rules of this Section, including compliance with personal hygiene requirements as set forth in Rule .0153 of this Section.
- (b) No unauthorized individuals shall be allowed in the facility during the periods of operation. For the purpose of this Rule, "unauthorized individual" shall mean an individual that is not designated and trained by the owner or responsible individual to perform specific processing tasks in the facility.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0139 FACILITY FLOODING**

- (a) If the facility floors are flooded, processing shall be discontinued until flood waters have receded and the facility and equipment are cleaned and sanitized.
- (b) Any cooked crustacea or crustacea meat that may have been contaminated by flood waters shall be deemed adulterated and disposed of in accordance with G.S. 113-221.4 and Rule .0181 of this Section.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 113-221.4; 143B-289.52;  
 Eff. October 1, 1992;  
 Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0140 FLOORS**

Floors shall be of concrete or other impervious material, constructed so that they are easily cleanable and shall be sloped so that water drains.



*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0141 WALLS AND CEILINGS**

- (a) Walls and ceilings shall be constructed of smooth, easily cleanable, non-corrosive, impervious material.
- (b) Insulation on cooked crustacea cooler walls shall be covered to the ceiling with a smooth, easily cleanable, non-corrosive, impervious material.
- (c) Doors and windows shall be tightly fitted and maintained in good repair so as to keep insects and weather out of the facility.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0142 LIGHTING**

- (a) Natural or artificial lighting shall be provided in all parts of the facility. Minimum lighting intensities shall be as follows:
  - (1) 50 foot-candles on working surfaces in the picking and packing rooms and areas.
  - (2) 10 foot-candles measured at a height of 30 inches above the floor throughout the rest of the processing portion of the facility.
- (b) Light bulbs within the processing portion of the facility shall be shatterproof or shielded to prevent product contamination in case of breakage.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0143 VENTILATION**

All rooms and areas shall be ventilated.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0144 INSECT CONTROL**

All outside openings shall be screened, provided with wind curtains, or be provided with other methods to eliminate the entrance of insects. All screens shall be kept in good repair. All outside doors shall open outward and shall be self-closing. The use and storage of pesticides shall comply with all applicable State and federal laws and rules.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0145 RODENT AND ANIMAL CONTROL**

Measures shall be taken by the owner or responsible individual to keep animals, fowl, rodents, and other vermin out of the facility. The storage and use of rodenticides shall comply with all applicable State and federal laws and rules.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0146 PREMISES**

- (a) Premises under the control of the owner shall be kept clean at all times. Waste materials, rubbish, other articles, or litter shall not be permitted to accumulate on the premises.
- (b) Measures shall be taken to prevent the harborage and breeding of insects, rodents, and other vermin on premises.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;

*Eff. October 1, 1992;*  
*Readopted Eff. May 1, 2021.*

**15A NCAC 18A .0147 WATER SUPPLY**

- (a) The water supply used shall be in accordance with 15A NCAC 18A .1720 through .1728.
- (b) Water samples for bacteriological analysis shall be collected at least annually by the Division of Marine Fisheries and submitted for analysis to the State Laboratory of Public Health or other laboratory that is certified in accordance with 10A NCAC 42C .0102, which is incorporated by reference including subsequent amendments.
- (c) Cross-connections with unapproved water supplies are prohibited. Hot and cold running water under pressure shall be provided to food preparation, utensils, and handwashing areas and any other areas in which water is required for cleaning. Running water under pressure shall be provided in sufficient quantity to carry out all food preparation, utensil washing, hand washing, cleaning, and other water-using operations.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Readopted Eff. April 1, 2022.*

**15A NCAC 18A .0148 ICE**

- (a) Ice shall be obtained from a water supply approved by the Division of Marine Fisheries pursuant to Rule .0147 of this Section and shall be stored and handled in a manner to prevent contamination and keep the ice clean.
- (b) All equipment used in the handling of ice shall be used for no other purpose and shall be cleaned and sanitized at least once each day the facility is in operation.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Readopted Eff. April 1, 2022.*

**15A NCAC 18A .0149 PLUMBING**

- (a) Plumbing fixtures shall be located to facilitate the flow of processing activities and to prevent the splashing of water on food-contact surfaces or cooked crustacea and crustacea meat.
- (b) Fixtures, ducts, and pipes shall not be suspended over working areas.
- (c) Handwash lavatories shall be located so that the supervisor can observe that employees wash and sanitize their hands before beginning work and after each interruption.
- (d) Handwash lavatories shall be provided in the following locations:
  - (1) packing room or area;
  - (2) toilet or lounge area; and
  - (3) picking room.
- (e) At least one handwash lavatory shall be provided for every 20 employees among the first 100 employees and at least one handwash lavatory shall be provided for every 25 employees in excess of the first 100 employees.
- (f) Additional lavatories required by Paragraph (e) of this Rule shall be located in the picking room.
- (g) A container shall be located near each handwash lavatory in the picking room and packing room or area to sanitize hands in a solution containing at least 100 parts per million (ppm) of available chlorine or other equally effective bactericide. A testing method or equipment shall be available and used to test chemical sanitizers to ensure minimum prescribed strengths.
- (h) Soap and single service towels in protected dispensers shall be available near the handwash lavatories. Other hand drying devices that are found equally effective by the Division of Marine Fisheries may be used.
- (i) All pre-cool rooms, picking rooms, packing rooms or areas, and cooking areas shall be provided with hose bibs and wash down hoses. Storage racks shall be provided to keep the hoses elevated off the floor when not in use.
- (j) An automatically regulated hot-water system shall be provided to furnish a sufficient volume of hot water with a temperature of at least 130° F (54.5° C) to carry out all processing operations.
- (k) All handwash lavatories and sinks shall be equipped with mixing faucets.
- (l) A three-compartment sink with drainboards, large enough to wash the largest utensils used in the facility, shall be located in the picking room near the delivery shelf. One three-compartment sink, with drainboards, shall be provided for every 50 employees or fraction thereof.
- (m) The floor drains in coolers shall not be connected directly to a sewer in processing or repacking facilities constructed after October 1, 1992.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0150 SEWAGE DISPOSAL**

All sewage and other liquid wastes shall be disposed of in a public sewer system or in the absence of a public sewer system, by an on-site method approved by the Division of Marine Fisheries.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0151 TOILETS**

- (a) Toilets shall be provided by the owner or responsible person in the facility.
- (b) Toilet tissue shall be provided by the owner or responsible person in a holder.
- (c) Toilet room doors shall not open directly into processing areas of the facility and shall be self-closing.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0152 SOLID WASTE**

- (a) Cooked crustacea scrap and other putrescible wastes shall be removed from the premises at least daily. Other solid wastes shall be removed from the premises at least weekly.
- (b) Scrap containers shall be removed from the picking room immediately after filling and placed in storage areas approved by the Division of Marine Fisheries.
- (c) Scrap containers shall be non-corrosive and cleaned at least daily.
- (d) Scrap containers shall be cleaned in an area approved by the Division.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0153 PERSONAL HYGIENE**

- (a) All employees shall wash their hands with soap and running water before beginning work and again after each interruption. Signs to this effect shall be posted in visible places in the facility by the owner or responsible individual, such that the signs can be seen by employees.
- (b) All individuals handling cooked crustacea or crustacea meat shall sanitize their hands before beginning work and again after each interruption.
- (c) All individuals employed or engaged in the handling, picking, or packing of cooked crustacea or crustacea meat shall wear clean, washable outer clothing.
- (d) Employees shall not eat food, drink, or use tobacco in any form in the areas where cooked crustacea or crustacea meat are stored, processed, or handled.
- (e) Any individual known to be a carrier of any disease that can be transmitted through the handling of cooked crustacea or crustacea meat or who has an infected wound or open lesion on any exposed portion of the body shall be prohibited from handling cooked crustacea or crustacea meat.
- (f) Hair restraints shall be worn by all employees who handle cooked crustacea or crustacea meat.
- (g) The arms of employees who pick or pack cooked crustacea or crustacea meat shall be bare to the elbow or covered with an arm guard that is easily cleanable and capable of being sanitized.
- (h) Employees who pick and pack cooked crustacea or crustacea meat shall have clean fingernails free from nail polish and that are short enough to not extend past the fingertips. Employees shall not wear jewelry other than easily cleanable rings. The use of absorbent wraps or absorbent finger cots shall not be permitted.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0154 EMPLOYEES' PERSONAL ARTICLES**

Employees' street clothing, aprons, gloves, and personal articles shall not be stored in rooms or areas described in Rule .0159(b) of this Section.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0155 SUPPLY STORAGE**

Shipping containers, boxes, and other supplies shall be stored in a storage room or area. The storage room or area shall be kept clean.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0156 EQUIPMENT AND UTENSIL CONSTRUCTION**

All processing equipment and utensils shall be smooth, easily cleanable, durable, and kept in good repair. The food-contact surfaces of equipment, utensils, and processing machinery shall be accessible for cleaning, non-toxic, non-corrosive, non-absorbent, and free of open seams.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0157 FACILITY AND EQUIPMENT SANITATION**

(a) The walls and floors in the picking and packing areas shall be kept clean while operating and shall be sanitized at least daily and whenever there is evidence of contamination, such as splatter of crustacea meat or juices.

(b) All food-contact surfaces shall be washed, rinsed, and sanitized prior to starting operation each day and whenever there is evidence of contamination, such as splatter of crustacea meat or juices.

(c) Reusable picking containers and knives shall be washed, rinsed, and sanitized each time crustacea meat is delivered to the packing room.

(d) Sanitizing methods shall be as follows:

- (1) by steam in a steam chamber or box equipped with an indicating thermometer located in the coldest zone, with exposure to a temperature of 170° F (77° C) for at least 15 minutes or to a temperature of 200° F (93° C) for at least five minutes.
- (2) by immersion for at least one minute in the third compartment in clean hot water at a temperature of at least 170° F (77° C). A thermometer accurate to 3° F (1.5° C) shall be available to the compartment. Where hot water is used for bactericidal treatment, a booster heater that maintains a water temperature of at least 170° F (77° C) in the third compartment at all times when utensils are being washed shall be provided. The heating device may be integral with the immersion compartment.
- (3) by immersion for at least one minute in, or exposure for at least one minute to a constant flow of, a solution containing not less than 100 ppm chlorine residual. Utensils and equipment that have to be washed in place shall be washed, rinsed, and sanitized.
- (4) by other equivalent products and procedures approved in 21 CFR 178.1010 "Sanitizing solutions", which is hereby incorporated by reference including any subsequent amendments and editions. A copy of the reference material can be found at [https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=17d119b223f9451322279713caa2e6ab&ty=HTML&h=L&mc=true&n=pt21.3.178&r=PART#se21.3.178\\_11010](https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=17d119b223f9451322279713caa2e6ab&ty=HTML&h=L&mc=true&n=pt21.3.178&r=PART#se21.3.178_11010), at no cost. A testing method or equipment shall be available and used to test chemical sanitizers to ensure minimum prescribed strengths.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0158 EQUIPMENT STORAGE**

Equipment and utensils that have been cleaned and sanitized shall be stored in a manner to protect against contamination and keep the equipment and utensils clean.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0159 SEPARATION OF OPERATIONS**

(a) Facility design shall provide for continuous flow of raw materials and product to prevent contamination by exposure to areas involved in earlier processing steps, refuse, or other areas subject to contamination.

(b) The following processes shall be carried out in separate rooms or areas:

- (1) raw crustacea receiving or refrigeration;
- (2) crustacea cooking;
- (3) cooked crustacea air-cool;
- (4) cooked crustacea refrigeration;
- (5) picking;
- (6) packing;
- (7) picked crustacea meat refrigeration;
- (8) pasteurizing or thermal processing;
- (9) machine picking;
- (10) repacking; and
- (11) other processes when carried out in conjunction with the cooking of crustacea or crustacea meat.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Amended Eff. April 1, 1997;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0160 RAW CRUSTACEA RECEIVING AND REFRIGERATION**

(a) Only fresh crustacea shall be accepted for processing.

(b) Within two hours of receipt at the facility, crustacea shall be cooked or placed in a refrigerated area maintaining a temperature of 50° F (10° C) or below.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0161 CRUSTACEA COOKING**

(a) The cooking area or room shall be under a roof located between the area for receiving raw crustacea and the air-cool room and shall be vented to assure the removal of steam.

(b) Crustacea shall be cooked in accordance with the following:

- (1) Crabs shall be cooked under steam pressure until the internal temperature of the center-most crab reaches 235° F (112.8° C). Temperature shall be measured with an accurate, indicating thermometer having a range of 170-270° F (77-132° C).
- (2) Other crustacea shall be cooked until the internal temperature of the center-most crustacean reaches 180° F (83° C) and is held at this temperature for one minute. Temperature shall be measured with an accurate, indicating thermometer. Crayfish shall be culled and cleaned prior to cooking.
- (3) Nothing in this Rule shall prohibit any other cooking process that has been found equally effective and approved by the Division of Marine Fisheries.

(c) The retort shall be constructed to permit a working pressure of at least 20 pounds per square inch (psig). Steam inlet and venting shall provide a uniform and complete distribution of steam. Venting shall be sufficient to permit complete elimination of air from the retort. Drains and vents shall be located at least two feet above mean high tide.

(d) The retorts shall be equipped with:

- (1) an accurate, indicating thermometer with a range that will include 170-270° F (77-132° C) and located with the sensor extending into the heat chamber;

- (2) an operating pressure indicator, at least three inches in diameter, with a 0-30 psig range and located adjacent to the indicating thermometer; and
  - (3) a safety valve operational at 18-30 psig, located in the upper portion of the retort, protected from tampering, and designed to prevent injury to the operator.
- (e) The boiler shall be of such capacity as to maintain 45 to 100 psig during cooking. The steam line from the boiler to the retort shall be at least one and one-fourth inch inside diameter.
- (f) Overhead hoists shall be equipped with chain bags or other means of preventing foreign material from falling onto the cooked product.
- (g) Retort cooking baskets shall be of stainless steel or equally impervious, non-corrosive material, and shall be designed to allow for equal steam disbursement, ease of handling, dumping, and cleaning.
- (h) All construction or replacement of retorts after October 1, 1992 shall be "flow-through" type and open directly into the air-cool room or a protected passageway into the air-cool room.
- (i) All construction of new or replacement retorts shall require a Process Validation Study Report approved by the Division prior to use based upon documentation of the ability to produce time-temperature results as required by the rules of this Section.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0162 COOKED CRUSTACEA AIR-COOL**

- (a) Cooked crustacea, after removal from the retort, shall be moved immediately to the cooked crustacea air-cool area to be air cooled to ambient temperature without being disturbed. Cooked crustacea shall be stored in the original cooking basket.
- (b) The construction and arrangement of the air-cool room shall be designed to provide protection from contamination of the cooked crustacea. The air-cool room shall open directly into the cooked crustacea cooler or other protected area.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0163 COOKED CRUSTACEA REFRIGERATION**

- (a) The cooked crustacea cooler shall be large enough to store all cooked crustacea and maintain a minimum temperature of 40° F (4.4° C). The cooler shall open directly into the picking room or into a clean, enclosed area leading into the picking room.
- (b) Cooked crustacea shall be stored at a temperature between 33° F (0.5° C) and 40° F (4.4° C) ambient air temperature if not immediately processed. The cooler shall be equipped with an accurate, operating thermometer.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0164 COOKED CRUSTACEA PICKING**

- (a) The picking operation shall be conducted in accordance with the rules of this Section such that crustacea meat does not become adulterated.
- (b) All cooked crustacea shall be picked before a new supply is delivered to the picking table.
- (c) Picked crustacea meat shall be delivered to the packing room at least every 90 minutes or upon the accumulation of five pounds per picker, whichever is sooner.
- (d) Paper towels used at the picking table shall be discarded after initial use.
- (e) If provided, bactericidal solutions at picking tables shall be maintained at 100 ppm chlorine solution or an equivalent bactericidal solution. A testing method or equipment shall be available and used to ensure minimum prescribed strengths of the chlorine solution or equivalent bactericidal solution.
- (f) Handles of picking knives shall not be covered with any material.
- (g) Crustacea shall be cooked and picked in the same permitted facility unless a written plan for interfacility shipment has been filed with the Division. The plan shall address and be approved based on the following:
- (1) time-temperature requirements;
  - (2) shipping destination;
  - (3) handling;
  - (4) labeling;

- (5) records;
- (6) processing;
- (7) sanitation; and
- (8) HACCP plan.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Temporary Amendment Eff. July 1, 2000;*  
*Temporary Rule Expired on March 12, 2001;*  
*Amended Eff. August 1, 2002;*  
*Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0165 PACKING**

- (a) Crustacea meat shall be packed in a container and iced and cooled to an internal temperature of 40° F (4.4° C) or below within two hours of receipt in the packing room.
- (b) The storage of ice in the packing room shall be in an easily cleanable, non-corrosive, non-toxic container.
- (c) Blending or combining of any of the following shall be prohibited:
  - (1) fresh crustacea meat;
  - (2) frozen crustacea meat;
  - (3) pasteurized crustacea meat; and
  - (4) crustacea meat packed in another facility.
- (d) Clean shipping containers shall be provided by the owner or responsible individual for storing and shipping of packed crustacea meat.
- (e) The return of overage of crustacea meat to a picker shall be prohibited.
- (f) Washing of picked crustacea meat shall be under running potable water. The crustacea meat shall be drained prior to packing.
- (g) Any substance added to cooked crustacea or crustacea meat shall be approved for use by the U.S. Food and Drug Administration and labeled according to federal and State rules and regulations.
- (h) Only those individuals responsible for packing the crustacea or crustacea meat shall be allowed in the packing room or area.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0166 PICKED CRUSTACEA MEAT REFRIGERATION**

- (a) The refrigeration room or ice box shall be of sufficient size so that a full day's production, with ice, can be stored such that the crustacea meat does not become adulterated. The refrigeration room or ice box shall be equipped with an accurate, operating thermometer.
- (b) Ice boxes shall be easily cleanable, non-corrosive, and non-toxic with an impervious lining and a drain.
- (c) Picked crustacea meat shall be stored at 40° F (4.4° C) or below.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0167 DELIVERY WINDOW OR SHELF**

A delivery window or a non-corrosive shelf shall be provided between the picking room and packing room or area. The delivery window shall be equipped with a shelf completely covered with smooth, non-corrosive metal or other material approved by the Division of Marine Fisheries and sloped to drain towards the picking room.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. October 1, 1992;*  
*Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0168 SINGLE-SERVICE CONTAINERS**

- (a) Single-service containers used for packing or repacking cooked crustacea and crustacea meat shall be made from food-safe materials approved by the United States Food and Drug Administration.

- (b) Containers shall not be reused for packing or repacking cooked crustacea and crustacea meat.
- (c) No person shall use containers bearing a permit number other than the number assigned to the facility.
- (d) Each container or lid shall be legibly impressed, embossed, or lithographed with the name and address of the original packer, repacker, or distributor. The original packer's or repacker's permit number preceded by the state abbreviation shall be legibly impressed, embossed, or lithographed on each container or lid.
- (e) Each container or lid shall be permanently and legibly identified with a code date.
- (f) All containers and lids shall be stored and handled in a manner to prevent contamination and keep them clean, sanitized by a procedure as stated in Rule .0157 of this Section, and drained prior to filling.
- (g) All containers shall be sealed so that tampering can be detected. The words "Sealed For Your Protection" or equivalent shall be legibly displayed on the container or lid.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Amended Eff. August 1, 1998; February 1, 1997;  
 Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0169 FREEZING**

- (a) If crustacea or crustacea meat is to be frozen, the code date shall be followed by the letter "F."
- (b) Frozen crustacea or crustacea meat shall be stored at a temperature of 0° F (-18° C) or less.
- (c) The frozen storage rooms shall be equipped with an accurate, operating thermometer.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Amended Eff. August 1, 2002; April 1, 1997;  
 Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0170 SHIPPING**

Cooked crustacea and crustacea meat shall be shipped between 33° F (0.5° C) and 40° F (4.4° C). Frozen crustacea products shall be shipped at 0° F (-18° C) or below.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0171 WHOLE CRUSTACEA OR CRUSTACEA PRODUCTS**

Whole crustacea, claws, or any other crustacea products shall be prepared, packaged, and labeled in accordance with the rules of this Section.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0172 COOKED CLAW SHIPPING CONDITIONS**

- (a) Vehicles used to transport cooked claws shall be mechanically refrigerated, enclosed, tightly constructed, kept clean, and equipped with an operating thermometer.
- (b) Cooked crab claws shall be stored and transported between 33° F (0.5° C) and 40° F (4.4° C) ambient air temperature.
- (c) All vehicles shall be approved by the Division of Marine Fisheries prior to use.
- (d) Cooked claw shipping containers shall be marked for intended use, cleaned, and sanitized prior to use and shall meet the requirements in Rule .0156 of this Section.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
 Eff. October 1, 1992;  
 Readopted Eff. May 1, 2021.



#### **15A NCAC 18A .0174 PASTEURIZATION PROCESS CONTROLS - THERMOMETERS**

(a) All pasteurizing equipment shall have a time-temperature recording thermometer with a temperature controller (combined or separately) and an indicating thermometer. The thermometers shall be located to give a true representation of the operating temperature of the water bath. The recording thermometer chart shall be at least a 12-hour chart and at least 10 inches in diameter.

(b) The recording thermometer shall be installed so that it will be protected from vibration and from striking by loading operations or facility traffic. The thermometer mechanism shall be protected from moisture under prevailing conditions. The thermometer case shall not be opened during the pasteurizing cycle, except for temperature check or for emergency or repair. A record shall be made when the thermometer case has been opened.

(c) The recording thermometer shall have a range of at least 120-220° F (48.9-104.4° C). It shall be accurate within plus or minus 1° F between 160° F (71° C) and 200° F (93° C). The chart shall be scaled at a maximum of 2° F intervals in the range of 160° F (71° C) and 200° F (93° C).

(d) The indicating thermometer shall be a thermometer with an accuracy and readability of plus or minus 1° F between 160° F (71° C) and 200° F (93° C). The thermometer shall be protected against damage.

(e) The recording thermometer shall be equipped with a spring-operated or electrically operated clock. The recorded elapsed time as indicated by the chart rotation shall not exceed the true elapsed time as shown by an accurate watch. The rotating chart support shall be provided with pins upon which the chart shall be affixed by puncturing the chart.

(f) The pasteurization unit shall not be operated without a recording thermometer chart in place, the pen in contact with the chart, and an inked record being made of the operating time-temperature cycle. Falsification of a thermometer chart by an individual with access to or that is an operator of a pasteurization unit shall constitute failure to comply with the requirements of this Paragraph. A permanent file of the used thermometer charts shall be maintained by the pasteurizer and kept available for inspection by the Division of Marine Fisheries for a period of one year. The following information shall be recorded within the confines of the pen markings after the pasteurization cycle has been completed:

- (1) date of pasteurization;
- (2) quantity of each batch pasteurized (pounds of crustacea meat or number and size of containers);
- (3) processor's code of each pack;
- (4) if the pasteurizer processes crustacea meat for someone else, then the packer's name, address, and permit number shall be recorded. A copy of the recording chart shall be provided to the owner of the crustacea meat;
- (5) notation of mechanical or power failure or opening of the recording thermometer case for adjustment or repair during the pasteurizing cycle;
- (6) after the temperature in the water bath has been reached and during the holding time, as set forth in Rule .0176 of this Section, the reading of the indicating thermometer and the time of reading shall be recorded on the chart; and
- (7) signature of the pasteurizer operator.

(g) A constant flow steam control valve is required, if steam is used as a source of heat.

(h) The water bath shall be provided with effective agitation to maintain a uniform temperature.

(i) Other technologies shall be approved by the Division if they are shown to provide equivalent data, information, and records as required in this Rule.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Amended Eff. April 1, 1997;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0175 PREPARATION OF CRUSTACEA MEAT FOR PASTEURIZATION**

The preparation of crustacea meat for pasteurization shall be in compliance with the following:

- (1) crustacea meat shall be prepared in compliance with Rules .0134 through .0183 of this Section;
- (2) the containers of crustacea meat shall be sealed as quickly as possible after the crustacea meat is picked; and
- (3) the sealed containers of crustacea meat shall be placed in ice and refrigerated immediately after sealing until pasteurized.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Amended Eff. April 1, 1997;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0176 PASTEURIZATION OF CRUSTACEA MEAT**

(a) All pasteurization operations shall require a Process Validation Study Report approved by the Division of Marine Fisheries prior to operation based upon documentation of the ability to produce time-temperature results as required by the rules of this Section.

(b) The pasteurization of crustacea meat shall be conducted in compliance with the following procedures:

- (1) the minimum pasteurization specifications shall be heating every particle of crustacea meat in a hermetically-sealed container to a temperature of at least 185° F (85° C) and holding it continuously at or above this temperature for at least one minute at the geometric center of a container in equipment being operated in compliance with the Process Validation Study Report. A copy of the procedures for operating the pasteurizing equipment shall be posted adjacent to the pasteurization vat. The pasteurizer shall keep the report on file and shall provide the Division a copy of such report;
- (2) alteration of the equipment or loading of containers shall require a new Process Validation Study Report;
- (3) the containers of crustacea meat shall be cooled to 50° F (10° C) or below within three hours of the completion of pasteurization; and
- (4) refrigerated storage shall be provided for the cooled crustacea meat and shall maintain a storage temperature at or below 38° F (3.3° C).

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Amended Eff. August 1, 1998;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0177 LABELING OF PASTEURIZED CRUSTACEA MEAT**

Labeling of pasteurized crustacea meat shall be in compliance with the following:

- (1) the label used shall legibly identify the contents of the container as pasteurized crustacea meat;
- (2) each container shall be permanently and legibly identified with a code indicating the batch and day of processing;
- (3) the words "Perishable-Keep Under Refrigeration" or equivalent shall be legibly displayed on the container; and
- (4) the original packer's or repacker's permit number preceded by the state abbreviation shall be legibly impressed, embossed, or lithographed on each container. Each container shall be legibly impressed, embossed, or lithographed with the name and address of the original packer, repacker, or distributor.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0178 INTERFACILITY PASTEURIZATION PROCEDURES**

No person shall initiate interfacility pasteurization of crustacea meat without prior written approval by the Division of Marine Fisheries.

Interfacility pasteurization of crustacea meat shall be in compliance with the following:

- (1) crustacea meat shall be packed, labeled, and refrigerated in compliance with Rules .0134 and .0136 through .0182 of this Section and shall originate only from a facility permitted in accordance with Rule .0135 of this Section. Records shall be maintained to identify each batch of crustacea meat pasteurized;
- (2) crustacea meat shall be shipped in an enclosed, easily cleanable vehicle at a temperature of 40° F (4.4° C) or below; and
- (3) crustacea meat shall be pasteurized in compliance with Rules .0175 through .0177 of this Section. The pasteurizer shall provide a copy of each pasteurization chart to the original packer.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0179 RECALL PROCEDURE**

Each owner of a cooked crustacea or crustacea meat facility or repacker facility shall keep on file a written product recall procedure. A copy of this recall procedure shall be provided to the Division of Marine Fisheries.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0180 SAMPLING AND TESTING**

Samples of cooked crustacea or crustacea meat may be taken and examined by the Division of Marine Fisheries at any time or place. Samples of cooked crustacea or crustacea meat shall be furnished by the owner or operator of facilities, trucks, carriers, stores, restaurants, and other places where cooked crustacea or crustacea meat are sold.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0181 EMBARGO OR DISPOSAL OF COOKED CRUSTACEA OR CRUSTACEA MEAT**

(a) When it has been determined by the Division of Marine Fisheries that cooked crustacea or crustacea meat have not been stored, transported, handled, cooked, picked, packed, or offered for sale in compliance with this Section, the cooked crustacea or crustacea meat shall be deemed adulterated.

(b) Cooked crustacea or crustacea meat determined to be adulterated or misbranded shall be subject to embargo or disposal by the Division in accordance with G.S. 113-221.4.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 113-221.4, 143B-289.52;  
Eff. October 1, 1992;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0182 BACTERIOLOGICAL AND CONTAMINATION STANDARDS**

(a) Cooked crustacea or crustacea meat shall not exceed *Escherichia coli* Most Probable Number (MPN) of 36 per 100 grams of sample or exceed a standard plate count of 100,000 per gram.

(b) Pasteurized crustacea meat shall contain no *Escherichia coli* or fecal coliform. Samples of pasteurized crustacea meat, taken within 24 hours of pasteurizing, shall not have a standard plate count of more than 3,000 per gram.

(c) Thermally processed crustacea or crustacea meat shall not exceed *Escherichia coli* MPN of 36 per 100 grams of sample or exceed a standard plate count of 100,000 per gram.

(d) Cooked crustacea or crustacea meat shall be handled in accordance with the rules of this Section.

(e) Cooked crustacea or crustacea meat not complying with the standards set forth in this Rule may be deemed adulterated by the Division of Marine Fisheries according to the severity of exceedance and the expected threat to public health.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. October 1, 1992;  
Amended Eff. August 1, 1998; February 1, 1997;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0183 ALTERNATIVE LABELING**

A durable label, such that it will not fade or deteriorate, that is permanently affixed to the container may be used to meet any labeling requirement in this Section.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 1998;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0184 THERMAL PROCESSING CONTROLS - THERMOMETERS**

(a) All thermal processing equipment shall have a time-temperature recording thermometer with a temperature controller (combined or separately) and an indicating thermometer. The thermometers shall be located to give a true representation of the operating temperature of the process. The recording thermometer chart shall be at least a 12-hour chart and at least 10 inches in diameter.

(b) The recording thermometer shall be installed so that it will be protected from vibration and from striking by loading operations or facility traffic. The thermometer mechanism shall be protected from moisture under prevailing conditions. The thermometer case shall not be opened during the thermal processing cycle, except for temperature check or for emergency or repair. A record shall be made when the thermometer case has been opened.

(c) The recording thermometer shall have a range of at least 120-220° F (48.9-104.4° C). It shall be accurate within plus or minus 1° F between 160° F (71° C) and 200° F (93° C). The chart shall be scaled at a maximum of 2° F intervals in the range of 160° F (71° C) and 200° F (93° C).

(d) The indicating thermometer shall be a thermometer with an accuracy and readability of plus or minus 1° F between 160° F (71° C) and 200° F (93° C). The thermometer shall be protected against damage.

(e) The recording thermometer shall be equipped with a spring-operated or electrically operated clock. The recorded elapsed time as indicated by the chart rotation shall not exceed the true elapsed time as shown by an accurate watch. The rotating chart support shall be provided with pins upon which the chart shall be affixed by puncturing the chart.

(f) The thermal processing unit shall not be operated without a recording thermometer chart in place, the pen in contact with the chart, and an inked record being made of the operating time-temperature cycle. Falsification of a thermometer chart by an individual with access to or that is an operator of a thermal processing unit shall constitute failure to comply with the requirements of this Paragraph. A permanent file of the used thermometer charts shall be maintained by the thermal processor and kept available for inspection by the Division of Marine Fisheries for a period of one year. The following information shall be recorded within the confines of the pen markings after the thermal processing cycle has been completed:

- (1) date of thermal processing;
- (2) quantity of each batch thermally processed (pounds of crustacea meat or number and size of containers);
- (3) thermal processor's code of each pack;
- (4) if the thermal processor processes crustacea meat for someone else, then the packer's name, address, and permit number shall be recorded. A copy of the recording chart shall be provided to the owner of the crustacea meat;
- (5) notation of mechanical or power failure or opening of the recording thermometer case for adjustment or repair during the thermal processing cycle;
- (6) after the temperature in the thermal process has been reached and during the holding time, as set forth in Rule .0185 of this Section, the reading of the indicating thermometer and the time of reading shall be recorded on the chart; and
- (7) signature of the thermal process operator.

(g) A constant flow steam control valve is required, if steam is used as a source of heat.

(h) The thermal processing unit shall be provided with effective and uniform temperature.

(i) Other technologies shall be approved by the Division if they are shown to provide equivalent data, information, and records as required in this Rule.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. April 1, 1997;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0185 THERMAL PROCESSING OF CRUSTACEA AND CRUSTACEA MEAT**

(a) All thermal processing operations shall require a Process Validation Study Report approved by the Division of Marine Fisheries prior to operation based upon documentation of the ability to produce time-temperature results as required by the rules of this Section.

(b) The thermal processing of crustacea or crustacea meat shall be conducted in compliance with the following procedures:

- (1) the minimum thermal processing specifications shall be the heating of previously cooked crustacea or crustacea meat to a desired temperature for a specified time at the geometric center of a container in equipment being operated in compliance with the Process Validation Study Report. A copy of the procedures for operating the thermal processing equipment shall be posted adjacent to the thermal processing unit. The thermal processor shall keep the report on file and shall provide the Division a copy of such report;
- (2) alteration of the equipment or loading of containers shall require a new Process Validation Study Report;
- (3) the containers of crustacea or crustacea meat shall be cooled to 50° F (10° C) or below within three hours of the completion of the thermal process; and
- (4) refrigerated storage shall be provided for the cooled crustacea or crustacea meat and shall maintain a storage temperature at or below 36° F (2.2° C).

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 1998;  
Readopted Eff. April 1, 2022.*

#### **15A NCAC 18A .0186 LABELING OF THERMALLY PROCESSED CRUSTACEA OR CRUSTACEA MEAT**

Labeling of thermally processed crustacea or crustacea meat shall be in compliance with the following:

- (1) the label used shall legibly identify the contents of the container as thermally processed crustacea or crustacea meat;
- (2) each container shall be permanently and legibly identified with a code indicating the batch and day of processing;
- (3) the words "Perishable-Keep Under Refrigeration" or equivalent shall be legibly displayed on the container; and

- (4) the original packer's or repacker's permit number preceded by the state abbreviation shall be legibly impressed, embossed, or lithographed on each container. Each container shall be legibly impressed, embossed, or lithographed with the name and address of the original packer, repacker, or distributor.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. April 1, 1997;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0187 INTERFACILITY THERMAL PROCESSING PROCEDURES**

Interfacility thermal processing of crustacea or crustacea meat shall be in compliance with the following:

- (1) crustacea or crustacea meat shall be packed, labeled, and refrigerated in compliance with Rules .0134 through .0187 of this Section. Records shall be maintained to identify each batch of crustacea or crustacea meat thermally processed;
- (2) crustacea or crustacea meat shall be shipped in an enclosed, easily cleanable vehicle at a temperature of 40° F (4.4° C) or below; and
- (3) crustacea or crustacea meat shall be thermally processed in compliance with Rules .0184 through .0187 of this Section. The thermal processor shall provide a copy of each thermal processing chart to the original packer.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 1998;  
Readopted Eff. April 1, 2022.

#### **15A NCAC 18A .0188 HAZARD ANALYSIS**

Each dealer shall conduct a hazard analysis to determine the food safety hazards that are reasonably likely to occur for each kind of crustacea or crustacea meat product processed by that dealer and to identify the preventative measures that the dealer can apply to control those hazards.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 2000;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0189 HACCP PLAN**

Each dealer shall have and implement a written HACCP plan. The owner or authorized designee shall sign the plan when implemented and after any modification. The plan shall be reviewed at least annually and updated if necessary. The plan shall, at a minimum:

- (1) list the food safety hazards that are reasonably likely to occur;
- (2) list the critical control points for each of the food safety hazards;
- (3) list the critical limits that must be met for each of the critical control points;
- (4) list the procedures, and frequency thereof, that will be used to monitor each of the critical control points to ensure compliance with the critical limits;
- (5) list any corrective action plans to be followed in response to deviations from critical limits at critical control points;
- (6) provide a record keeping system that documents critical control point monitoring; and
- (7) list the verification procedures, and frequency thereof, that the dealer will use.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 2000;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0190 SANITATION MONITORING REQUIREMENTS**

Each dealer shall monitor, at a minimum, the following sanitation items:

- (1) safety of water;
- (2) condition and cleanliness of food contact surfaces;
- (3) prevention of cross contamination;
- (4) maintenance of hand washing, hand sanitizing, and toilet facilities;
- (5) protection of crustacea or crustacea meat, crustacea or crustacea meat packaging materials, and food contact surfaces from adulteration;
- (6) proper labeling, storage, and use of toxic compounds;
- (7) control of employees with adverse health conditions; and

- (8) exclusion of pests from the facility.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 2000;  
Readopted Eff. May 1, 2021.

#### **15A NCAC 18A .0191 MONITORING RECORDS**

Monitoring records of critical control points and the eight key sanitation items shall be recorded, as specified in the HACCP Plan, and signed and dated when recorded. The eight key sanitation items are set forth in 21 CFR 123.11 "Sanitation Control Procedures", which is incorporated by reference including any subsequent amendments and editions. A copy of the reference material can be found at <https://www.ecfr.gov/current/title-21/chapter-I/subchapter-B/part-123/subpart-A/section-123.11>, at no cost. The records shall be reviewed by the owner or designee within one week of recording.

*History Note:* Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. August 1, 2000;  
Readopted Eff. April 1, 2022.

### **SECTION .0300 – SANITATION OF SHELLFISH - GENERAL**

#### **15A NCAC 18A .0304 DEPURATION HARVESTING PERMITS**

*History Note:* Authority G.S. 130A-230;  
Eff. February 1, 1987;  
Amended Eff. September 1, 1990;  
Repealed Eff. June 1, 2022.

### **SECTION .0400 – SANITATION OF SHELLFISH - GENERAL OPERATION STANDARDS**

#### **15A NCAC 18A .0431 STANDARDS FOR AN APPROVED SHELLFISH GROWING AREA**

*History Note:* Authority G.S. 130A-230;  
Eff. February 1, 1987;  
Repealed Eff. May 1, 2021.

### **SECTION .0700 – OPERATION OF DEPURATION (MECHANICAL PURIFICATION) FACILITIES**

#### **15A NCAC 18A .0704 LABORATORY PROCEDURES**

(a) All laboratory analyses used to evaluate the effectiveness of the depuration process shall be performed by a laboratory found by a Food and Drug Administration (FDA) Shellfish Laboratory Evaluation Officer or by an FDA-certified State Shellfish Laboratory Evaluation Officer to conform or provisionally conform to the requirements established under the National Shellfish Sanitation Program (NSSP).

(b) All methods for the analysis of depuration process water and shellfish that are used to evaluate the effectiveness of the depuration process shall be cited in the latest edition of the NSSP Guide for the Control of Molluscan Shellfish, Section IV: Guidance Documents, subsection Approved NSSP Laboratory Tests, which is incorporated by reference, including subsequent amendments and editions, and available at <https://www.fda.gov/food/federalstate-food-programs/national-shellfish-sanitation-program-nssp> at no cost, or validated for use by the NSSP under the Constitution, Bylaws and Procedures of the Interstate Shellfish Sanitation Conference, which is incorporated by reference, including subsequent amendments and editions, and available at <https://www.issc.org/constitution-bylaws-procedures>, at no cost. If there is an immediate or ongoing critical need for a method and no method approved for use within the NSSP exists, the following may be used:

- (1) a validated Association of Analytical Communities, Bacteriological Analysis Manual, or Environmental Protection Agency method; or
- (2) an Emergency Use Method as set forth in the latest approved edition of the NSSP Guide for the Control of Molluscan Shellfish.

(c) The laboratory shall conduct examinations of depuration process water and shellfish and conduct special examinations if necessary or required, in accordance with Rules .0706 through .0709 of this Section.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. February 1, 1987;  
Amended Eff. September 1, 1991; September 1, 1990;  
Readopted Eff. May 1, 2021.*

## **SECTION .0900 - CLASSIFICATION OF SHELLFISH GROWING WATERS**

### **15A NCAC 18A .0901 DEFINITIONS**

The following definitions shall apply to this Section.

- (1) "Approved" means shellfish growing waters determined suitable by the Division for the harvesting of shellfish for direct market purposes.
- (2) "Closed-system marina" means a marina constructed in canals, basins, tributaries, or any other area with restricted tidal flow.
- (3) "Colony forming unit" means an estimate of the number of viable bacteria cells in a sample as determined by a plate count.
- (4) "Commercial marina" means a marina that offers one or more of the following services: fuel, transient dockage, haul-out facilities, or repair services.
- (5) "Conditionally approved" means shellfish growing waters that are subject to predictable intermittent pollution but that may be used for harvesting shellfish for direct market purposes when management plan criteria are met.
- (6) "Division" means the Division of Marine Fisheries or its authorized agent.
- (7) "Estimated 90<sup>th</sup> percentile" means a statistic that measures the variability in a sample set that shall be calculated by:
  - (a) calculating the arithmetic mean and standard deviation of the sample result logarithms (base 10);
  - (b) multiplying the standard deviation in Sub-Item (a) of this Item by 1.28;
  - (c) adding the product from Sub-Item (b) of this Item to the arithmetic mean; and
  - (d) taking the antilog (base 10) of the results from Sub-Item (c) of this Item to determine the estimated 90<sup>th</sup> percentile.
- (8) "Fecal coliform" means bacteria of the coliform group that will produce gas from lactose in a multiple tube procedure liquid medium (EC or A-1) within 24 plus or minus two hours at 44.5° C plus or minus 0.2° C in a water bath.
- (9) "Geometric mean" means the antilog (base 10) of the arithmetic mean of the sample result logarithm.
- (10) "Marina" means any water area with a structure (such as a dock, basin, floating dock) that is utilized for docking or otherwise mooring vessels and constructed to provide temporary or permanent docking space for more than 10 boats.
- (11) "Marine biotoxins" means any poisonous compound produced by marine microorganisms and accumulated by shellstock.
- (12) "Median" means the middle number in a given sequence of numbers, taken as the average of the two middle numbers when the sequence has an even number of numbers.
- (13) "Most probable number (MPN)" means a statistical estimate of the number of bacteria per unit volume and is determined from the number of positive results in a series of fermentation tubes.
- (14) "National Shellfish Sanitation Program (NSSP)" means the cooperative federal-state-industry program for the sanitary control of shellfish that is adequate to ensure that the shellfish produced in accordance with the NSSP Guide For The Control Of Molluscan Shellfish will be safe and sanitary.
- (15) "Open-system marina" means a marina constructed in an area where tidal currents have not been impeded by natural or man-made barriers.
- (16) "Private marina" means any marina that is not a commercial marina as defined in this Rule.
- (17) "Prohibited" means shellfish growing waters unsuitable for the harvesting of shellfish for direct market purposes.
- (18) "Public health emergency" means any condition that may immediately cause shellfish waters to be unsafe for the harvest of shellfish for human consumption.
- (19) "Restricted" means shellfish growing waters from which shellfish may be harvested only by permit and are subjected to a treatment process through relaying or depuration that renders the shellfish safe for human consumption.
- (20) "Sanitary survey" means the written evaluation of factors that affect the sanitary quality of a shellfish growing area including sources of pollution, the effects of wind, tides, and currents in the distribution and dilution of polluting materials, and the bacteriological quality of water.
- (21) "Shellfish" means the term as defined in G.S. 113-129, except the term shall not include scallops when the final product is the shucked adductor muscle only.
- (22) "Shellfish growing area" means a management unit that defines the boundaries of a sanitary survey and that is used to track the location where shellfish are harvested.
- (23) "Shellfish growing waters" means marine or estuarine waters that support or could support shellfish life.

- (24) "Shellstock" means live molluscan shellfish in the shell.
- (25) "Shoreline survey" means an in-field inspection by the Division to identify and evaluate any potential or actual pollution sources or other environmental factors that may impact the sanitary quality of a shellfish growing area.
- (26) "Systematic random sampling strategy" means a sampling strategy designed to assess the bacteriological water quality of shellfish growing waters impacted by non-point sources of pollution and scheduled sufficiently far in advance to support random collection with respect to environmental conditions.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Amended Eff. August 1, 1998; February 1, 1997; September 1, 1990;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0902 CLASSIFICATION OF SHELLFISH GROWING WATERS**

(a) All shellfish growing waters shall be classified by the Division of Marine Fisheries as to their suitability for shellfish harvesting. Shellfish growing waters shall be designated with one of the following classifications:

- (1) approved;
- (2) conditionally approved;
- (3) restricted; or
- (4) prohibited.

(b) Maps showing the classification of shellfish growing waters shall be maintained by the Division.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0903 SANITARY SURVEY**

(a) Shellfish growing waters shall be divided into shellfish growing areas by the Division of Marine Fisheries. Maps showing the boundaries of these shellfish growing areas shall be maintained by the Division and can be found at: <https://deq.nc.gov/polluted-area-proclamations>.

(b) Except in shellfish growing areas where all shellfish growing waters are classified as prohibited, the Division shall complete a sanitary survey report for each shellfish growing area at least once every three years.

(c) A sanitary survey report shall include the following:

- (1) a shoreline survey.
- (2) an evaluation of meteorological, hydrodynamic, and geographic factors that may affect distribution of pollutants.
- (3) a microbiological survey to assess water quality. A microbiological survey shall include the collection of water samples and their analysis for fecal coliforms. The number and location of sampling stations shall be selected to produce the data necessary to effectively evaluate all point and non-point pollution sources identified during the shoreline survey. A minimum of six samples shall be collected annually from each designated sampling station.
- (4) a determination of the appropriate classification for all shellfish growing waters within the shellfish growing area in accordance with Rule .0902 of this Section.

(d) A sanitary survey report shall be required to designate any portion of a shellfish growing area with a classification other than prohibited, or for a reclassification from:

- (1) prohibited to any other classification;
- (2) restricted to conditionally approved or approved; or
- (3) conditionally approved to approved.

All other reclassifications may be made without a sanitary survey.

(e) In each calendar year that a shellfish growing area is not evaluated with a sanitary survey, a written annual evaluation report shall be completed by the Division and shall include the following:

- (1) a microbiological survey to assess water quality as set forth in Subparagraph (c)(3) of this Rule.
- (2) an evaluation of changes in pollution source impacts that may affect the classifications of the shellfish growing area.

If the annual evaluation determines conditions have changed and a classification for shellfish growing waters is incorrect, the Division shall initiate action to reclassify the shellfish growing waters in accordance with Rule .0902 of this Section.

(f) Sanitary survey reports and annual evaluation reports shall be maintained by the Division.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;*



*Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0904 APPROVED WATERS**

Shellfish growing waters classified as approved for shellfish harvesting shall meet the following criteria as indicated by a sanitary survey, as set forth in Rule .0903 of this Section:

- (1) the shoreline survey indicates there are no significant point sources of pollution;
- (2) the area is not contaminated with fecal material, pathogenic microorganisms, poisonous or deleterious substances, or marine biotoxins that may render consumption of the shellfish hazardous; and
- (3) the microbiological survey, as set forth in Rule .0903(c)(3) of this Section, indicates the bacteriological water quality does not exceed the following standards based on results generated using the systematic random sampling strategy:
  - (a) a median fecal coliform most probable number (MPN) or geometric mean MPN of 14 per 100 milliliters;
  - (b) a median fecal coliform colony-forming units (CFU) or geometric mean CFU of 14 per 100 milliliters;
  - (c) an estimated 90<sup>th</sup> percentile of 43 MPN per 100 milliliters for a five-tube decimal dilution test; or
  - (d) an estimated 90<sup>th</sup> percentile of 31 CFU per 100 milliliters for a membrane filter membrane-Thermotolerant *Escherichia coli* (mTEC) test.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0905 CONDITIONALLY APPROVED WATERS**

(a) Shellfish growing waters may be classified as conditionally approved if the Division of Marine Fisheries determines the following:

- (1) the sanitary survey indicates the shellfish growing waters will not meet the approved waters classification criteria as set forth in Rule .0904 of this Section under all conditions, but will meet those criteria under certain conditions;
- (2) the conditions when the shellfish growing waters will meet the approved waters classification criteria are known and predictable;
- (3) the public bottom within those shellfish growing waters support a population of harvestable shellfish; and
- (4) staff are available to carry out the requirements defined in the management plan, as set forth in Paragraph (b) of this Rule.

(b) A written management plan shall be developed by the Division for conditionally approved areas. This plan shall define the conditions under which the shellfish growing waters may be open to the harvest of shellfish. If the conditions defined in the management plan are not met, the Division shall immediately close the shellfish growing waters to shellfish harvesting.

(c) All conditionally approved growing waters shall be re-evaluated on an annual basis. A written report summarizing this re-evaluation shall be produced and shall include the following:

- (1) an evaluation of compliance with management plan criteria;
- (2) a review of the cooperation of all persons involved;
- (3) an evaluation of bacteriological water quality in the growing waters with respect to the standards for the classification; and
- (4) an evaluation of critical pollution sources.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0906 RESTRICTED AREAS**

(a) Shellfish growing waters may be classified as restricted if:

- (1) a sanitary survey indicates there are no significant point sources of pollution; and
- (2) levels of fecal pollution, human pathogens, or poisonous or deleterious substances are at such levels that shellstock can be made safe for human consumption by either relaying or depuration.

(b) Relaying of shellfish shall be conducted in accordance with all applicable rules, including 15A NCAC 03K and 15A NCAC 18A .0300.

(c) Depuration of shellfish shall be conducted in accordance with all applicable rules, including 15A NCAC 03K and 15A NCAC 18A .0300 and .0700.

(d) For shellfish growing waters classified as restricted and used as a source of shellstock for depuration, the microbiological survey, as set forth in Rule .0903(c)(3) of this Section, shall indicate the bacteriological water quality does not exceed the following standards based on results generated using the systematic random sampling strategy:

- (1) a median fecal coliform most probable number (MPN) or geometric mean MPN of 88 per 100 milliliters;
- (2) a median fecal coliform colony-forming units (CFU) or geometric mean CFU of 88 per 100 milliliters;
- (3) an estimated 90<sup>th</sup> percentile of 260 MPN per 100 milliliters for a five-tube decimal dilution test; or
- (4) an estimated 90<sup>th</sup> percentile of 163 CFU per 100 milliliters for a membrane filter membrane-Thermotolerant *Escherichia coli* (mTEC) test.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0907 PROHIBITED WATERS**

Shellfish growing waters shall be classified as prohibited if:

- (1) no current sanitary survey, as set forth in Rule .0903 of this Section, exists for the growing area; or
- (2) the sanitary survey determines:
  - (a) the shellfish growing waters are adjacent to a sewage treatment plant outfall or other point source outfall with public health significance; or
  - (b) the shellfish growing waters are contaminated with fecal material, pathogenic microorganisms, poisonous or deleterious substances, or marine biotoxins that render consumption of shellfish from those growing waters hazardous.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0908 UNSURVEYED AREAS**

*History Note: Authority G.S. 130A-230;  
Eff. June 1, 1989;  
Repealed Eff. May 1, 2021.*

#### **15A NCAC 18A .0909 BUFFER ZONES**

(a) The Division of Marine Fisheries shall establish a buffer zone around the following:

- (1) marinas, in accordance with Rule .0911 of this Section; and
- (2) wastewater treatment plant outfalls or other point source outfalls determined to be of public health significance, in accordance with the latest approved edition of the National Shellfish Sanitation Program Guide for the Control of Molluscan Shellfish, Section II: Model Ordinance, Chapter IV: Shellstock Growing Areas, which is incorporated by reference, including subsequent amendments and editions, and available at <https://www.fda.gov/food/federalstate-food-programs/national-shellfish-sanitation-program-nssp> at no cost.

(b) Buffer zones shall be classified as prohibited.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;  
Eff. June 1, 1989;  
Readopted Eff. May 1, 2021.*

#### **15A NCAC 18A .0910 RECLASSIFICATION**

*History Note: Authority G.S. 130A-230;  
Eff. June 1, 1989;  
Repealed Eff. May 1, 2021.*

#### **15A NCAC 18A .0912 SHELLFISH MANAGEMENT AREAS**

*History Note: Authority G.S. 130A-230;  
Eff. June 1, 1989;  
Repealed Eff. June 1, 2022.*

### **15A NCAC 18A .0913 PUBLIC HEALTH EMERGENCY**

- (a) The Division of Marine Fisheries shall immediately close any potentially impacted shellfish growing waters to the harvesting of shellfish in the event of a public health emergency.
- (b) The Division may re-open shellfish growing waters if the condition causing the public health emergency no longer exists and shellfish have had time to purify naturally from possible contamination.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. June 1, 1989;*  
*Readopted Eff. May 1, 2021.*

### **15A NCAC 18A .0914 LABORATORY PROCEDURES**

- (a) All laboratory analyses used for the evaluation of shellfish growing areas shall be performed by a laboratory found by a Food and Drug Administration (FDA) Shellfish Laboratory Evaluation Officer or by an FDA-certified State Shellfish Laboratory Evaluation Officer to conform or provisionally conform to the requirements established under the National Shellfish Sanitation Program (NSSP).
- (b) All methods for the analysis of shellfish and shellfish growing waters that are used for the evaluation of shellfish growing areas shall be cited in the latest edition of the NSSP Guide for the Control of Molluscan Shellfish, Section IV: Guidance Documents, subsection Approved NSSP Laboratory Tests, which is incorporated by reference, including subsequent amendments and editions, and available at <https://www.fda.gov/food/federalstate-food-programs/national-shellfish-sanitation-program-nssp> at no cost, or validated for use by the NSSP under the Constitution, Bylaws and Procedures of the Interstate Shellfish Sanitation Conference, which is incorporated by reference, including subsequent amendments and editions, and available at <https://www.issc.org/constitution-bylaws-procedures>, at no cost. If there is an immediate or ongoing critical need for a method and no method approved for use within the NSSP exists, the following may be used:

- (1) a validated Association of Analytical Communities, Bacteriological Analysis Manual, or Environmental Protection Agency method; or
- (2) an Emergency Use Method as set forth in the latest approved edition of the NSSP Guide for the Control of Molluscan Shellfish.

*History Note: Authority G.S. 113-134; 113-182; 113-221.2; 143B-289.52;*  
*Eff. June 1, 1989;*  
*Amended Eff. September 1, 1991; September 1, 1990;*  
*Readopted Eff. May 1, 2021.*

## **SECTION .3400 – COASTAL RECREATIONAL WATERS MONITORING, EVALUATION, AND NOTIFICATION**

### **15A NCAC 18A .3401 DEFINITIONS**

The following definitions shall apply to this Section:

- (1) "Division" means the Division of Marine Fisheries or its authorized agent.
- (2) "Enterococcus" means a gram positive coccoid-shaped bacteria that is found in the intestinal tracts of warm-blooded animals that include *Enterococcus faecalis*, *Enterococcus faecium*, *Enterococcus avium*, and *Enterococcus gallinarum*.
- (3) "Geometric mean" means the mean of "n" positive numbers obtained by taking the "n<sup>th</sup>" root of the product of the numbers with at least five samples collected within a 30-day period.
- (4) "Pending swimming advisory" means a notification to the public that recommends no primary contact with the water in a designated swimming area when bacteriological limits are exceeded, but does not close a swimming area to the public. A pending swimming advisory shall include a public notification via social media release to notify the public of the risks of swimming in the area. A pending swimming advisory shall be followed by a resample that will determine if a swimming advisory will be issued.
- (5) "Point source discharge" means the discharge of liquids through a pipe, drain, ditch, or other conveyance into a swimming area.
- (6) "Primary contact" means an activity in water in which a person's head is partially or completely submerged.
- (7) "Resample" means a water sample that is collected by the Division of Marine Fisheries or its authorized agent after the results of the initial water sample collected are processed by the Division and the results are analyzed by the Division.
- (8) "Storm water discharge" means any natural or manmade conveyance of rainwater or the resultant runoff into coastal recreational waters.

- (9) "Swimming advisory" means a notification to the public that recommends no primary contact with the water in a designated swimming area when bacteriological limits are exceeded, but does not close a swimming area to the public. A swimming advisory shall include a sign posted at the site of the advisory and a public notification via social media and news release to notify the public of the risks of swimming in the area.
- (10) "Swimming area" means a coastal recreation area that is used for primary contact located within waters classified by the Division of Water Resources as SC, SA, or SB as set forth in 15A NCAC 02B .0220 through .0222, and is hereby incorporated by reference including subsequent amendments.
- (11) "Swimming season" means from April 1 through October 31 of each year.
- (12) "Tier I swimming area" means a swimming area used daily during the swimming season, including all oceanfront beaches that are monitored by the Division.
- (13) "Tier II swimming area" means a swimming area that is not used daily during the swimming season.

*History Note:* Authority G.S. 113-134; 113-221.3; 143B-289.52;  
 Eff. February 1, 2004;  
 Readopted Eff. April 1, 2021.

#### **15A NCAC 18A .3402 BACTERIOLOGICAL LIMITS FOR SWIMMING AREAS**

- (a) The enterococcus level in a Tier I swimming area shall not equal or exceed either:
  - (1) a geometric mean of 35 enterococci per 100 milliliters of water; or
  - (2) a single sample of 104 enterococci per 100 milliliters of water.
- (b) The enterococcus level in a Tier II swimming area shall not equal or exceed a single sample of 104 enterococci per 100 milliliters of water.

*History Note:* Authority G.S. 113-134; 113-221.3; 143B-289.52;  
 Eff. February 1, 2004;  
 Readopted Eff. April 1, 2021.

#### **15A NCAC 18A .3403 PUBLIC NOTICE OF INCREASED HEALTH RISKS IN SWIMMING AREAS**

- (a) Tier I Swimming areas:
  - (1) A pending swimming advisory shall be issued by the Division of Marine Fisheries if a water sample from a swimming area is equal to or exceeds the bacteriological limit set forth in Rule .3402(a)(2) of this Section during the swimming season.
  - (2) A swimming advisory shall be issued by the Division if either of the following standards are exceeded during the swimming season:
    - (A) Both the initial water sample and resample collected from a swimming area are equal to or exceed the bacteriological limit set forth in Rule .3402(a)(2) of this Section; or
    - (B) The most recent five water samples collected within a 30-day period from a swimming area are equal to or exceed the bacteriological limit set forth in Rule .3402(a)(1) of this Section.
- (b) Tier II swimming areas:
  - (1) A pending swimming advisory shall be issued by the Division if a water sample from a swimming area is equal to or exceeds the bacteriological limit set forth in Rule .3402(a)(2) of this Section during the swimming season.
  - (2) A swimming advisory shall be issued by the Division if both the initial water sample and resample collected from a swimming area are equal to or exceed the bacteriological limit set forth in Rule .3402(a)(2) of this Section during the swimming season.
- (c) Signs posted pursuant to this Section shall be placed or erected in open view where the public may see the sign prior to entering the water.
- (d) Signs shall state the following:  
 ATTENTION: SWIMMING IN THIS AREA IS NOT RECOMMENDED. BACTERIA TESTING INDICATES LEVELS OF CONTAMINATION THAT MAY BE HAZARDOUS TO YOUR HEALTH. THIS ADVISORY AFFECTS WATERS WITHIN 200' OF THIS SIGN. OFFICE OF THE STATE HEALTH DIRECTOR.

*History Note:* Authority G.S. 113-134; 113-221.3; 143B-289.52;  
 Eff. February 1, 2004;  
 Readopted Eff. April 1, 2021.

**15A NCAC 18A .3404 SWIMMING ADVISORIES FOR POINT SOURCE DISCHARGES INTO SWIMMING AREAS**

(a) The Division of Marine Fisheries shall post at least one sign at a wastewater treatment plant that discharges into swimming waters, which shall stay posted until the discharge is removed. The sign for a wastewater treatment plant discharge shall state the following:

WARNING! SEWAGE TREATMENT EFFLUENT DISCHARGE SITE. SWIMMING IS NOT ADVISED IN THESE WATERS BECAUSE OF THE INCREASED RISK OF ILLNESS. OFFICE OF THE STATE HEALTH DIRECTOR.

(b) A swimming advisory shall be issued by the Division and at least one sign shall be posted at the public access to swimming waters that have been impacted by a wastewater system failure. The sign for waters impacted by a wastewater spill shall state the following:

WARNING! WASTEWATER SPILL. SWIMMING IS NOT ADVISED IN THESE WATERS BECAUSE OF THE INCREASED RISK OF ILLNESS. OFFICE OF THE STATE HEALTH DIRECTOR.

(c) A swimming advisory shall be issued by the Division and at least one sign shall be posted at a storm drain or pipe or storm water discharge that is discharging into a Tier 1 swimming area. A sign shall be placed to advise the public as they enter the area impacted by the storm drain or pipe or storm water discharge. For dry weather discharges, the sign shall state the following:

WARNING! STORM WATER DISCHARGE AREA. SWIMMING WITHIN 200 YARDS OF THIS SIGN MAY INCREASE THE RISKS OF WATERBORNE ILLNESS. OFFICE OF THE STATE HEALTH DIRECTOR.

For wet weather discharges, the sign shall state the following:

WARNING! STORM WATER DISCHARGE AREA. WATERS MAY BE CONTAMINATED BY DISCHARGE FROM PIPE. SWIMMING IS NOT RECOMMENDED WITHIN 200 YARDS OF THIS SIGN DURING ACTIVE DISCHARGE. FOR MORE INFORMATION, CALL 252-726-6827. OFFICE OF THE STATE HEALTH DIRECTOR.

(d) A swimming advisory shall be issued by the Division and at least two signs shall be posted at a storm drain or pipe where flood waters are being pumped into a swimming area. The signs shall state the following:

SWIMMING IS NOT RECOMMENDED BETWEEN SIGNS. WATERS MAY BE CONTAMINATED BY DISCHARGE FROM PIPE. OFFICE OF THE STATE HEALTH DIRECTOR.

(e) A swimming advisory shall be issued by the Division and at least two signs shall be posted at an area receiving dredge material on a swimming beach if the dredge material is being pumped from an area closed to shellfish harvesting. The signs shall state the following:

SWIMMING IS NOT RECOMMENDED BETWEEN SIGNS. WATERS MAY BE CONTAMINATED BY DISCHARGE FROM PIPE. OFFICE OF THE STATE HEALTH DIRECTOR.

*History Note: Authority G.S. 113-134; 113-221.3; 143B-289.52;  
Eff. January 1, 2004;  
Readopted Eff. April 1, 2021.*

**15A NCAC 18A .3405 RESCINDING A PENDING SWIMMING ADVISORY OR SWIMMING ADVISORY**

(a) A pending swimming advisory shall be rescinded by the Division of Marine Fisheries via social media release when the resample collected meets the bacteriological limit set forth in Rule .3402(a)(2) of this Section.

(b) A Tier I swimming area advisory shall be rescinded by the Division via social media and news release, including the removal of signs, when both of the following conditions are met:

- (1) the geometric mean has met the bacteriological limit set forth in Rule .3402(a)(1) of this Section; and
- (2) two consecutive weekly water samples meet the bacteriological limit set forth in Rule .3402(a)(2) of this Section.

(c) A Tier II swimming area advisory shall be rescinded by the Division via social media and news release, including the removal of signs, after water samples meet the bacteriological limit set forth in Rule .3402(b) of this Section.

(d) A swimming advisory resulting from a flood water discharge or the discharge of dredge material shall be rescinded by the Division via social media and news release, including the removal of signs, 24 hours after the discharge has ceased, to allow for tidal dispersion.

(e) A swimming advisory resulting from a wastewater system failure shall be rescinded by the Division via social media and news release, including the removal of signs, when failure has been corrected and water samples collected meet the bacteriological limit set forth in Rule .3402(a)(2) of this Section.

*History Note: Authority G.S. 113-134; 113-221.3; 143B-289.52;  
Eff. January 1, 2004;  
Readopted Eff. April 1, 2021.*

**15A NCAC 18A .3406 DESTRUCTION OF SIGNS**

**15A NCAC 18A .3407 APPLICABILITY OF RULES**

*History Note: Authority G.S. 130A-233.1;  
Eff. January 1, 2004;  
Repealed Eff. April 1, 2021.*

# INDEX

A "♦" symbol is used in the index of the rulebook as a visual sign to alert readers there may be a public notice, or proclamation, for a subject. The Marine Fisheries Commission has the authority to delegate to the Fisheries Director the ability to issue proclamations, suspending or implementing particular commission rules that may be affected by variable conditions. For example, the index entry "species, sheepshead ♦" indicates there may be a proclamation outlining harvest restrictions or other information for that species. Proclamations are not included in the rulebook because they change frequently.

Go to <https://deq.nc.gov/fisheries-management-proclamations> to view proclamations and learn about the restrictions. If you do not have Internet access, please call 252-726-7021 or 800-682-2632 to find out how to receive proclamation information. It is imperative that persons affected by proclamations keep themselves informed.

**Please note:** entries for fishing gear and equipment are listed alphabetically under the heading "gear." **Other major headings** in the index include "lease," "license," "permit," and "species." For example, to look up information about a shellfish lease, see "lease, shellfish."

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♦ = go to <https://deq.nc.gov/fisheries-management-proclamations> to check for proclamations

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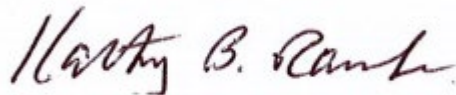
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### **CERTIFICATION**

PURSUANT TO G.S. 113-221 (B) AND G.S. 113-221 (G), THIS IS TO  
CERTIFY THAT THE PRECEDING "NORTH CAROLINA MARINE  
FISHERIES COMMISSION RULES APRIL 1, 2020, SUPPLEMENT - JUNE  
1, 2022" IS THE OFFICIAL CODIFICATION OF THE RULES OF THE N.C.  
MARINE FISHERIES COMMISSION EFFECTIVE AS OF JUNE 1, 2022.



KATHY B. RAWLS, DIRECTOR  
N.C. DIVISION OF MARINE FISHERIES