JOHN BEL EDWARDS
GOVERNOR

JACK MONTOUCET
SECRETARY

PO BOX 98000 | BATON ROUGE LA | 70898

OFFICE OF FISHERIES
SCIENTIFIC COLLECTING PERMIT

ISSUED TO: **Brandi Nobles** PERMITTEE # **SCP 46**
COMPANY: **NOAA - National Marine Fisheries Service**
ADDRESS: **3209 Fredric St. P.O. Box Drawer 1207 Pascagoula, MS 39568--**
ISSUE DATE: **10-Feb-22** EXPIRATION DATE: **31-Dec-22**

PERMITTED ACTIVITIES:
This permit allows the holder to take the fish listed in **Attachment A** of this permit, by the means and in the areas authorized in **Attachment A**, provided that the Region Captain of the Louisiana Department of Wildlife and Fisheries, Enforcement Division is notified in advance and shall accompany you, or direct somebody to accompany you, if he deems it necessary, when fish are taken under the authority of this permit. If electric seines, electrofishers or chemicals are to be used, it will be necessary that the Area Fisheries Biologist be notified in addition to the Region Enforcement Captain. This permit does not allow anyone to use chemicals that are not approved for use in Louisiana by other state and federal agencies or exempt permit holders from any regulations by other state or federal agencies. This permit is valid only in the areas listed in **Attachment A**.

RESTRICTIONS:
(1) This permit may be cancelled at any time if in the judgment of the designated authority; the permit is being used for purposes other than those for which the permit was issued. Sale of any organisms collected under this permit, or their progeny, is prohibited. No item collected under this permit may be used for human consumption. One of the permittees must be in the company of the samples at all times. This permit and **Attachment A** must be in possession when taking or possessing organisms under the conditions of the permit.
(2) This permit does not allow the taking of oysters from private leases unless accompanied by written permission of the lease holder. Any sack, vessel or container into which any oysters collected under this permit are deposited or held, regardless of where harvested, shall be clearly labeled "Polluted Oysters Not Safe for Human Consumption". The permit holders shall individually and collectively be responsible for maintaining security of all oysters removed from the site and retained such that no human consumption will be possible. In addition, permit holders individually and collectively shall hold the Louisiana Department of Wildlife and Fisheries, the Louisiana Department of Health and Hospitals, the State of Louisiana and its employees harmless for any and all consequences relating to human contact with oysters collected under this permit.
(3) In saltwater areas, gill nets must be attended to at all times with tags on each end of the net clearly identifying the owner and operator of the gear.
(4) Alligators are not permitted to be taken with this permit.
(5) Holder agrees to provide a summary of the research results and/or a copy of any published findings pertaining to the research and an annual report giving a detailed description and inventory of all specimens collected within 60 days following expiration of this permit to: Louisiana Department of Wildlife and Fisheries, Office of Fisheries - Permits Manager, P.O. Box 98000, Baton Rouge, LA 70898-9000. Reports are mandatory even if no collections were made during the permit year.
(6) Failure to report may result in denial of future permit requests or suspension of existing permits.
(7) See Attachment A for additional information regarding permit restrictions.

PERMIT COMPLIANCE - PERMIT IS NOT VALID UNLESS SIGNED BY PERMITTEE
I _____ ,
(Permittee Signature)
agree to abide by all State and Federal fish and wildlife laws and regulations, and all State and Federal laws and regulations which relate to this permit or the permitted activity, and by all other terms and conditions of this permit.

LEGAL AUTHORITY: authority delegated by the Secretary of the Louisiana Department of Wildlife and Fisheries in memo dated: 9/30/2020 **LA R.S. 56:318**

Robert P Bourgeois, Biologist DCL-B
cc: Col. Chad Hebert, Enforcement

LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES
SCIENTIFIC COLLECTING PERMIT INFORMATION

- The Department of Wildlife and Fisheries reserves the right to deny issuance of a scientific collecting permit to an individual who has been convicted of, or is awaiting disposition of, a citation involving a Class 2 wildlife and fisheries violation or greater.

- Permittee is limited to the personnel, purpose of collections, sampling areas, gear types and sampling techniques, and types and numbers of organisms to be collected, as indicated on the scientific collecting permit application. Any requested deviation will require Department approval.

- Permit will not allow anyone to use chemicals which are not approved for use in Louisiana by other state and federal agencies or exempt permit holder from any regulations by other state or federal agencies.

- Permittee is responsible for obtaining the proper applicator's licenses when using restricted use pesticides and other restricted use chemicals in aquatic sampling. The use of any chemicals must be fully described in the application.

- All permits shall expire on December 31 of the year of issue unless otherwise noted. The Administrator may impose time limits and other restrictions on the duration of any collection permit.

- Permittee must submit a summary of summary of the research results at the conclusion of the study and/or a copy of any published findings pertaining to the research to: Louisiana Department of Wildlife and Fisheries, Office of Fisheries - Permits Manager, P.O. Box 98000, Baton Rouge, LA 70898-9000.

- An annual report giving a detailed description and inventory of all specimens collected is due within 60 days following expiration of permit. If no collections are made during a particular year, then a report should be submitted stating such. Permits are subject to cancellation if no report is received for prior year collections.
  Information to be included in annual report:
  1. Name and permit number of the collector.
  2. Name and location of each area, stream, or lake where collections were made.
  3. Date(s) of collection at each site or area.
  4. Number and/or weight of each species taken (list by collection site or area and date of collection).
  5. Method of collection.
  6. Disposition of all animals taken.

- The appropriate regional law enforcement captain must be notified no later than 24 hours prior to sampling, with information including scientific collecting permit number, organization, name(s) of permittees, sampling area(s) and specific gear to be used. In addition, if electrofishing gear or fish toxicants are to be used, the permittee must provide date and estimated time of sampling, specific sampling areas, and routes to be taken to these areas. The district fisheries biologist will also be notified prior to sampling with electrofishing gear or fish toxicants.

- A scientific collecting permit application that includes the proposed usage of electrofishing gear or fish toxicants for use in public waters by a non-educational or non-governmental entity must be accompanied by a letter of support by an involved state or federal governmental agency.

- Any proposed use of electrofishing gear or fish toxicants requires the written concurrence of the Enforcement Division as well as the Inland and/or Marine Fisheries Divisions.

- The use of explosives will normally not be permitted. Applicant must demonstrate to the Department's satisfaction that no other effective means are available to collect aquatic organisms. Any proposed use of explosives requires the written concurrence of the Enforcement Division as well as the Inland and/or Marine Fisheries Divisions.

- Sale of any organisms collected under the permit or their progeny, is prohibited.

- No item collected under the permit may be used for human consumption.

- *Permit holders shall contact the Enforcement Division of the Louisiana Department of Wildlife and Fisheries (Major Cliff Comeaux (225) 765-2980) in regards to the disposition of these samples. If donated for official use a receipt will be issued. Enforcement Division may authorize other means of final disposition.*

- One of the permittees must be in the company of the samples at all times. Permits are non-transferable but may be issued in more than one person's name.

- Student requests will require endorsement of professor. Apply on official college or university stationery.

- Alligators are not permitted to be taken with the permit.

- Permits will not be issued for collection of any rare or endangered species unless specifically approved.

SCIENTIFIC RESEARCH AND COLLECTING PERMIT APPLICATION

APPLICATION DATE: 1/26/2022	**PREVIOUS PERMIT # (if applicable):** 1953

TYPE OF PERMIT APPLIED FOR:

☐ **FRESHWATER AREA**

☒ **SALTWATER AREA**

☐ **LA NATURAL HERITAGE PROGRAM (LNHP)/ TERRESTRIAL**

APPLICANT'S INFORMATION

NAME: Brandi Noble	**PHONE:** (305) 495-4277	
OFFICIAL TITLE: SEFSC Vessel/Environmental Compliance Coordinator	**EMAIL:** brandi.noble@noaa.gov	
INSTITUTION/AFFILIATION: NOAA Fisheries\MS Laboratories		
ADDRESS: 3209 Frederic St		
ADDRESS 2:		
CITY: Pascagoula	**STATE:** MS	**ZIP:** 39567

ADDITIONAL COLLECTING PERSONNEL OR RESEARCHERS

NAMES OF PERSONNEL *(STATEMENT OF COMPLIANCE FORMS MUST BE SIGNED BY ALL LISTED BELOW. IF FIREARMS/ ELECTROFISHING GEAR/TOXICANTS WILL BE USED, PROVIDE DATE OF BIRTH AND DRIVER'S LICENSE #* ***ON ATTACHED FORM*** *FOR CRIMINAL BACKGROUND CHECK;* ***DO NOT INCLUDE IN BELOW SPACE)***:

Larisa Avens, James Barbour, Kevin Barry, Keith Bates, Pamela Bond, Warren Brown, Ryan Caillouet, Matthew Campbell, Melissa Cook, Andre Debose, Denice Drass, William (Trey) Driggers, Kendall Falana, Paul Felts, Dan Foster, Jeff Gearhart, Mark Grace, Alonzo Hamilton, Kristin Hannan, Dominy Hataway, Michael Hendon, Eric Hoffmayer, Nick Hopkins, Drew Hopper, Lyndsey Howell, James Johnson, Christian Jones, Jason Letort, Andy Millett, Keith Mullin, Brandi Noble, Cahn Nguyen, Peter Nguyen, Adam Pollack, Jack Prior, Kevin Rademacher, David Saksa, Joseph Salisbury, Chris Sasso, Emma Schultz, Carrie Sinclair, Brian Stacy, Chrissy Stepongzi, Noel Todd, Taniya Wallace, Bryan Wescovich, Kenneth Wilkinson, Glenn Zapfe

PERMIT INFORMATION

PURPOSE OF SCIENTIFIC RESEARCH/COLLECTION *(ATTACH SUPPORTING DOCUMENTS AS APPROPRIATE)*:

Surveys include trawl surveys, plankton surveys, reef fish surveys, bottom and vertical longline surveys, marine mammal and sea turtle surveys. These surveys are conducted to obtain data on distribution, abundance and life history of animals found in the Gulf of Mexico. Data is used for population assessments and to determine the best use of the Gulf of Mexico fisheries resources.

AREA(S) WHERE COLLECTIONS WILL BE MADE:

All Louisiana state waters.

METHOD(S) OF COLLECTION *(TYPES OF GEAR OR EQUIPMENT TO BE USED AND TECHNIQUE OF DEPLOYMENT)*:

Shrimp/Groundfish Survey: A 42-ft shrimp trawl is used to collect specimens in 5-60 fm of water. The trawl is towed from contour to contour with a maximum tow of 30 minutes with no turtle excluder device in the trawl. All specimens are counted, measured and weighed and some are taken for life history studies.
Reef Fish Survey: Four stereo cameras array consisting of paired black-and-white Videre stereo cameras along with a color mpeg camera housed in cylindrical pressure housings and mounted orthogonally in a cameras array. The array is baited with squid and soaks for 30 minutes. Vertical line gear that consists of a mainline with 10 gangions attached that is either deployed or attached to the vessel. One 8/0, 11/0 or 15/0 circle hook is attached to each gangion and baited with mackerel. The mainline is soaked for five minutes. Up to three can be deployed at each site.
Plankton Survey: A 61 cm bongo frame with a 0.333 mm mesh net and a 1X2 m neuston frame with a 0.947 mm mesh net is deployed. Samples are preserved in formalin and then transferred to alcohol and shipped to the Polish Sorting Center to be sorted and identified.
Longline Survey: A bottom longline survey is conducted using one mile of mainline set with 100 15/0 circle hooks. The set is soaked for one hour. All samples are either tagged and released or kept for life history studies.
Gear Testing: Gear testing will be conducted throughout the year testing TEDs and BRDs on shrimp trawls, fish trawls and crab trawls. Video and some samples will be taken. Experimental longline evaluations are conducted opportunistically throughout the year in nearshore and offshore waters.
Marine Mammal Survey: Collecting photographic data and/or remote biopsy samples from bottlenose dolphins in Louisiana bays and/or the adjacent coastal Gulf Mexico using small boats for distribution, abundance and genetic stock structure analysis.
Carcass Drift Project: Sea turtle carcasses (Kemp's ridley, green and loggerhead) and sea turtle effigies released in federal and state waters will be used to validate the carcass drift model utilized for the Backtracking Analysis and Mortality Mapping (BAMM) tool. This will determine what

TYPES AND NUMBER OF ORGANISMS TO BE COLLECTED:

Bottomfish, shrimp, reef fish, planktonic stages of fish and crustacean, coastal sharks and marine mammals.

HOW WILL SPECIMENS BE DISPOSED?

All specimens will be counted, weighed and measured. Some will be tagged and released and others will be kept for life history studies. Plankton samples will be preserved in formalin as described above.

I have read the terms for issuance of this scientific research and collecting permit and agree to abide by them.

SIGNATURE:	**DATE:** 1/31/22