United States Department of the Interior

FISH AND WILDLIFE SERVICE
Deepwater Horizon Gulf Restoration Office
341 Greeno Road North, Suite A
Fairhope, Alabama 36532

In Reply Refer To:
FWS/R4/DH NRDAR

Memorandum March 11, 2025

To: Memorandum To File

From: Michael Barron, Deepwater Horizon Gulf Restoration Office

Subject: Consultation Not Required for Proposed Louisiana and Open Ocean Trustee Implementation Group Joint Restoration Plan #1 Project: Chandeleur Islands Fisheries Engagement and Restoration

Under the Endangered Species Act Section 7(a)(2), each Federal agency shall ensure that any action authorized, funded, or carried out by such agency is not likely to jeopardize the continued existence of any endangered or threatened species, or destroy/adversely modify designated critical habitat. If a Federal agency determines that a Federal action will have no effect on ESA-listed species or designated critical habitat, then the Federal agency is not required to consult with the US Fish and Wildlife Service (Service) for purposes of ESA. If the amount or extent of incidental take is exceeded, if new information reveals effects not previously considered, if the action is modified in a manner that causes an effect not previously considered, or if a new species is listed or critical habitat designated that may be affected, then the project must be reevaluated for possible re-initiation.

In accordance with this guidance, we have evaluated the Louisiana and Open Ocean Trustee Implementation Group Joint Restoration Plan #1 Project: Chandeleur Islands Fisheries Engagement and Restoration Biological Evaluation form (Attachment 1) and determined that consultation for this project is not required and all other statutes that are usually considered are not applicable as the project will be a desktop activity with no field work. Therefore, there will be no impact to any threatened or endangered species under the jurisdiction of the Service.

This memo does not include any information or effects determinations for protected species under the jurisdiction of the National Marine Fisheries Service.

If you have questions or concerns regarding this action, please contact Michael Barron, Fish and Wildlife Biologist, at 251-421-7030 or michael_barron@fws.gov.

Attachment (1)

Attachment 1. Biological Evaluation Form

Biological Evaluation Form

Deepwater Horizon Oil Spill Restoration

U.S. Fish and Wildlife Service & National Marine Fisheries Service

This Biological Evaluation (BE) form will be filled out by the Implementing Trustee and used by the U. S. Fish and Wildlife Service (USFWS) and the National Oceanic and Atmospheric Administration (NOAA) regulatory agencies. The form will provide information to initiate informal Section 7 consultations under the Endangered Species Act (ESA) and may be used to document a No Effect determination or to initiate pre-consultation technical assistance.

It is recommended that this form also be completed to inform and evaluate additional needs for compliance with the following authorities: Migratory Bird Treaty Act (MBTA), Marine Mammal Protection Act (MMPA), Coastal Barrier
Resources Act (CBRA), and Bald and Golden Eagle Protection Act (BGEPA). Section 106 of the National Historic Preservation Act (NHPA) review can be started by submitting this form to the online NHPA Submission Portal (https://www.fws.gov/doid/web/compliance-reviews).

Further information may be required beyond what is captured on this form. Note: if you need additional space for writing, please attach pages as needed.

For assistance, please contact the compliance liaisons
U.S Fish and Wildlife Service: Michael Barron at michael_barron@fws.gov
National Marine Fisheries Service (NMFS): Christy Fellas at christina.fellas@noaa.gov

A. Project Identification

Federal Action Agency (one or more):
USFWS ☒ NOAA ☒ Environmental Protection Agency (EPA) ☐ U.S. Department of Agriculture (USDA) ☐ Implementing Trustee(s): Click here to enter text
Contact Name: James Reinhardt Phone: 301-427-8615 Email: james.reinhardt@noaa.gov
Project Name: Chandeleur Islands Fisheries Engagement and Restoration
DIVER ID# Click to enter text Trustee Implementation Group (TIG): Open Ocean TIG
Restoration Plan # LA and OO TIG Draft Joint Restoration Plan #1 and Environmental Assessment: Chandeleur Islands Name of Person Completing this Form: Christy Fellas
Name of Project Lead: Jamie Reinhart
Date Form Completed: 3/7/2025
Date Form Updated: Click here to enter text.

B. Project Phase

Please choose the box which best describes the project status, as proposed in this BE form, check ALL that apply:

Construction/Implementation ☒ Planning/Conceptual ☐ Engineering & Design ☐

If "Engineering & Design" was selected, please describe the level of design that has been completed and is available for review:

Click here to enter text.

C. Project Location

I. State and County/Parish of action area

All planning work will be done in various office locations

II. Latitude/Longitude for action area (Decimal degrees and datum [e.g., 27.71622°N, 80.25174°W NAD83)
[online conversion: https://www.fcc.gov/encyclopedia/degrees-minutes-seconds-tofrom-decimal-degrees]

All planning work will be done in various office locations

III. Maps, Drawings, and GIS Data

Please insert any maps, aerial photographs, or design drawings here or attach to the end of this BE form. GIS files are required and should be added to the same Sharepoint folder location as the BE form. Examples of such supporting documentation include, but are not limited to:

- Plan view of design drawings
- Aerial images of project action area and surrounding area, showing state or regional scale
- Map of project area with elements proposed (polygons showing proposed construction elements)
- Map of action area with critical habitat units or sensitive habitats overlayed
- GIS Files to include ARCGIS, KMZ, CAD, or other GIS files are required (WGS 84) for projects with a field component; all files should be polygons and not polylines

D. Existing Compliance Documentation

National Environmental Policy Act (NEPA) Documents

Are there any **existing** draft or final NEPA analyses (not PDARP/PEIS) that cover all or part of this project?

YES☐ NO☒

Examples:

-TIG Restoration Plan/Environmental Assessment or Environmental Impact Statement (draft or final)

-U.S. Army Corps of Engineers (USACE) programmatic NEPA analysis

-USACE Clean Water Act individual permit for the project

-NEPA analysis provided by a federal agency that gave approval, funding or authorization

Permits

Have any federal permits been obtained for this project, if so which ones and what is the permit number(s)?

YES☐ NO☒ Permit Number and Type: Click here to enter text

Have any federal permits been applied for but not yet obtained, if so which ones and what is the permit number(s)?

YES☐ NO☒ Permit Number and Type: Click here to enter text.

If yes to any question above, please provide details in the text box (i.e. link to/name of the NEPA document, year, lead federal agency, Point of Contact, copy of the permit or permit application, etc.). This is needed to check for consistency of the project scope across different sources and to facilitate the NEPA analysis. If you do not have a link, email the documents to the TIG representative for the Trustee designated as lead federal agency for the restoration plan. Any documentation or information provided will help move the project forward.

NEPA analysis will be included in the Joint LA/OO TIG Chandeleur Islands RP

E. Description of Action Area

Provide a description of the existing environment (e.g., topography, vegetation type, soil type, substrate type, water quality, water depth, tidal/riverine/estuarine, hydrology and drainage patterns, current flow and direction), and land uses (e.g., public, residential, commercial, industrial, agricultural). Describe all areas that may be directly or indirectly affected by the action. If critical habitat (CH) is not designated in the area, then describe any suitable habitat in the area.

a. Waterbody & Wetlands

If applicable. Name the body of water, including wetlands (freshwater or estuarine), on which the project is located. If applicable, please describe water quality, depth, hydrology, current flow, and direction of flow.

Click here to enter text.

Does the project area include a river or estuary?

YES☐ NO☒

If yes, please approximate the navigable distance from the project location to the marine environment.

Click here to enter text.

b. Existing Structures

If applicable. Describe the current and historical structures found in the action area (e.g., buildings, parking lots, docks, seawalls, groynes, jetties, marina). If known, please provide the years of construction.

N/A

c. Seagrasses & Other Marine Vegetation

If applicable. Describe seagrasses found in action area. If a benthic survey was done, provide the date it was completed and a copy of the report. Estimate the species area of coverage and density. Attach a separate map showing the location of the seagrasses in the action area.

N/A

d. Mangroves

If applicable. Describe the mangroves found in action area. Indicate the species found (red, black, white), the species area of coverage in square footage and linear footage along project shoreline. Attach a separate map showing the location of the mangroves in the action area.

N/A

e. Corals

If applicable. Describe the corals found in action area. If a benthic survey was done, provide the date it

was completed and a copy of the report. Estimate the species area of coverage and density. Attach a separate map showing the location of the corals in the action area.

N/A

f. Uplands

If applicable. Describe the current terrestrial habitat in which the project is located (e.g. pasture, forest, meadows, beach and dune habitats, etc.).

N/A

g. Soils and Sediments

If applicable. Indicate topography, soil type, substrate type.

N/A

h. Land Use

If applicable. Indicate existing or previous land use activities (agriculture, dredge disposal, etc).

N/A

i. Marine Mammals

Please select the following marine mammals that could be present within the project area:

Dolphins	YES☐	NO☒
Whales	YES☐	NO☒
Manatees	YES☐	NO☒

If applicable. Indicate and describe the species found in the action area. Use NMFS' Stock Assessment Reports for more information, see http://www.nmfs.noaa.gov/pr/sars/region.htm

Click here to enter text.

F. Project Description

I. *Describe the Proposed Action/Project Objectives: What are you trying to accomplish and how with this project? Describe in detail the construction equipment and methods** needed; long term vs. short term impacts; duration of short term impacts; dust, erosion, and sedimentation controls; restoration areas; if the project is growth-inducing or facilitates growth; whether the project is part of a larger project or plan; and what permits will need to be obtained.*

Attach a separate map showing project footprint, avoidance areas, construction accesses, staging/laydown areas.

***If construction involves overwater structures, pilings and sheetpiles, boat slips, boat ramps, shoreline armoring, dredging, blasting, artificial reefs or fishery activities, list the method here, but complete the next section(s) in detail.*

Though some fisheries and seagrass monitoring has been conducted in Chandeleur Sound, information gaps persist that inhibit making science-based decisions on restoration and management of fisheries. This project proposes to fund a planning process to create a specific fisheries restoration action plan for the Chandeleur Island area of the Breton National Wildlife Refuge (NWR). Following development of an action plan, the project would transition into implementation of priority selected actions. An initial funding allocation would support a process to engage fisheries organizations and subject matter experts and develop a "fisheries restoration, communication and outreach plan" for the Chandeleur Island area of the Breton NWR.

The general purpose of the plan will be to identify activities that would effectively maintain low levels of impact, or even reduce impacts on fish species, their habitats and ecosystems, while continuing to provide valuable services and opportunities to users of the Refuge. The plan is anticipated to include a description of current fish, fisheries and habitat conditions, clarification and descriptions of goals and objectives of the plan and their relationship to other ongoing restoration (DWH and otherwise), implementation budget recommendations, engagement strategy, a review of and recommendations for monitoring and adaptive management including opportunities for citizen science and other methods for engagement. The funding would also provide support to carry out the planning process, trustee oversight and participation, required workshop travel for interested organizations and members of the public.

Effective fisheries restoration and engagement planning can help contribute to managing and protecting the Chandeleur Island ecosystem and its ecological value to our society. The plan would involve education, engagement, and communication with stakeholders to:

- Protect habitats from human-use related impacts from:
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- Ensure and support sustainable fishing practices through collaborations with fishery user groups including:
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- Develop and implement a communications and engagement plan to conduct activities with fishing communities and to support other plan features as developed
- Implement a monitoring plan for restoration effectiveness of this project and benefits to FWCI resources including items such as fishers reporting species caught or other reporting. Monitoring activities will not include on the ground work or sampling. If that is an identified method that comes out of the planning process, it will be evaluated in a new BE form.
- Leverage outcomes through coordination with habitat restoration work on the Chandeleur Islands

Key Outcomes of Education and Engagement:

- Reduced post-release mortality in recreational fisheries
- Reduced bycatch in commercial fisheries
- Reduced marine debris and vessel related pollution
- Fewer interactions between vessels and important fisheries habitats, like seagrass meadows
- Reduced illegal fishing activities, better compliance of fisheries regulations

II. *Construction Schedule (What is the anticipated schedule for major phases of work? Include duration of in-water work.)*

N/A

III. *Specific In-Water and/or Terrestrial Construction Methods*
Please check yes or no for the following questions related to in-water work and overwater structures

Does this project include in-water work?	YES☐	NO☐
Does this project include terrestrial construction?	YES☐	NO☐
Does this project include construction of an overwater structure?	YES☐	NO☐
Will fishing be allowed from this overwater structure?	YES☐	NO☐
Will wildlife observation be allowed from this overwater structure?	YES☐	NO☐
Will boat docking be allowed from this overwater structure?	YES☐	NO☐

If this is a fishing pier, please provide the following information: public or private access to pier, estimated number of people fishing per day, plan to address hook and line captures of protected species, specific operating hours/open 24

hours, artificial lighting of pier (if any), number of fish cleaning stations, and number of pier attendants (if any).

N/A

Construction: Provide a detailed account of construction methods. It is important to include step-by-step descriptions of how demolition or removal of structures is conducted and if any debris will be moved and how. Describe how construction will be implemented, what type and size of materials will be used and if machines will be used, manual labor, or both. Indicate if work will be done from upland, barge, or both.)

iii. *Use of "Dock Construction Guidelines"?* https://media.fisheries.noaa.gov/dam-migration/dockkey2002.pdf

iv. *Type of decking: Grated – 43% open space; Wooden planks or composite planks – proposed spacing?*

v. *Height above Mean High Water (MHW) elevation?*

vi. *Directional orientation of main axis of dock?*

vii. *Overwater area (sq ft)?*

N/A

a. *Pilings & Sheetpiles: If this project includes installation of pilings or sheets, please provide answers to questions 1-11 listed below*

1. Method of pile installation	
2. Material type of piles used	
3. Size (width) of piles/sheets	
4. Total number of piles/sheets	
5. Number of strikes for each single pile	
6. Number of strikes per hour (for a single pile)	
7. Expected number of piles to be driven each day	
8. Expected amount of time needed to drive each pile (minutes of driving activities)	
9. Expected number of sequential days spent pile driving	
10. Whether pile driving occurring in-water or on land	
11. Depth of water where piles will be driven	

b. *Marinas and Boat Slips (Describe the number and size of slips and if the number of new slips changes from what is currently available at the project. Indicate how many are wet slips and how many are dry slips. Estimate the shadow effect of the boats - the area (sqft) beneath the boats that will be shaded.)*

N/A

c. *Boat Ramp (Describe the number and size of boat ramps, the number of vessels that can be moored at the site (e.g., staging area) and if this is a public or private ramp. Indicate the boat trailer parking lot capacity, and if this number changes from what is currently available at the project.)*

N/A

d. *Shoreline Armoring (This includes all manner of shoreline armoring (e.g., riprap, seawalls, jetties, groins, breakwaters, etc.). Provide specific information on material and construction methodology used to install the shoreline armoring materials. Include linear footage and square footage. Attach a separate map showing the location of the shoreline armoring in the action area.*

N/A

e. *Dredging or digging (Provide details about dredge type (hopper, cutterhead, clamshell, etc.), maximum depth of dredging, area (ft2) to be dredged, volume of material (yd3) to be produced, grain size of material, sediment testing for contamination, spoil disposition plans, and hydrodynamic description (average current speed/direction)). If digging in the terrestrial environment, please describe fully with details about possible water jetting, vibration methods to install pilings for dune walk-over structure, or other methods. If using devices/methods/turtle relocation dredging to relocate sea turtles, then describe the methods here.*

N/A

f. *Blasting (Projects that use blasting might not qualify as "minor projects," and a Biological Assessment (BA) may need to be prepared for the project. Arrange a technical consultation meeting with NMFS Protected Resources Division to determine if a BA is necessary. Please include explosive weights and blasting plan.)*

N/A

g. *Artificial Reefs (Provide a detailed account of the artificial reef site selection and reef establishment decisions [i.e., management and siting considerations, stakeholder considerations, environmental considerations, long term maintenance plan (periodic clean-up of lost fishing gear/debris]), deployment schedule, materials used, deployment methods, as well as final depth profile and overhead clearance for vessel traffic. For additional Information and detailed guidance on artificial reefs, please refer to the artificial reef program websites for the particular state the project will occur in.*

N/A

h. *Fishery Activities (Describe any use of gear that could entangle or capture protected species. This includes activities that may enhance fishing opportunities (e.g. fishing piers) or be fishery/gear research related (e.g. involve trawl gear, gillnets, hook and line gear, crab pots etc)).*

N/A

G. NOAA Essential Fish Habitat (EFH)

If applicable, describe any designated Essential Fish Habitat within the project area in the text box and answer the questions below about habitat effects, conversions or benefits. If there is no EFH in your project area, enter N/A in the box below and move to section F.

Depending on the effects of your project, EFH consultation with NMFS may be required:
https://www.fisheries.noaa.gov/southeast/consultations/essential-fish-habitat-consultations-southeast Click here to enter text.

In this table, please use checkboxes to indicate which EFH eco-region(s) and habitat zone(s) in which the project is located. For more information about EFH Eco Regions see the references here:

https://noaasdd.sharepoint.com/:f:/s/tcover/Euupi2PMtXdEqQtJSdKyq-wBdyb42ubMUUbMy7QsijqK7A?e=oYqSsb
https://portal.gulfcouncil.org/EFHreview.html

Gulf of Mexico EFH Eco-Region	Estuarine	Nearshore	Offshore
Eco-Region 1: South Florida (*Florida Keys north to Tarpon Springs, Florida*)	☐	☐	☐
Eco-Region 2: North Florida (*Tarpon Springs, Florida, north and west to Pensacola Bay, Florida*)	☐	☐	☐
Eco-Region 3: East Louisiana, Mississippi, and Alabama (*Pensacola Bay, Florida, west to the Mississippi River Delta)*	☐	☐	☐
Eco-Region 4: East Texas and West Louisiana (*Mississippi River Delta west and south to Freeport, Texas)*	☐	☐	☐
Eco-Region 5: West Texas (*Freeport, Texas south to the U.S./Mexico border)*	☐	☐	☐

Effects to EFH

In this section, please indicate if your project has effects on EFH, either beneficial or adverse. For example, whether the project creates, improves, removes or converts habitat. Please describe the types of habitats that will be affected by the project, including number of acres.

Will this project affect EFH?	YES☐ NO☒
If no, please proceed to section X. (For example, your project is wholly upland or includes only desktop analysis tasks) If yes, please proceed to additional boxes below.	

Click here to enter text.

Will this project have beneficial effects to EFH?	YES☐ NO☐
If yes, please describe how your project will have beneficial effects the text box below:	

Click here to enter text.

Will this project have adverse effects on EFH?	YES☐ NO☐
If yes, please describe what type of adverse effects your project will cause to EFH in the text bow below:	

Click here to enter text.

H. NOAA ESA Species and Critical Habitat and Effects Determination Requested

If your project occurs in a location that does not contain any listed NOAA species or designated Critical Habitats, please check the box below. If this box is checked, you may skip Section H. and proceed to Section I.

☒This project occurs in a location that does not contain any listed NOAA species or designated Critical Habitats.

☐ESA effects have been accounted for under an existing consultation.

1. List all species, critical habitat, proposed species and proposed critical habitat that may be found in the action area. Species that do not currently occur in the action area (but are listed on county species lists) do not need to be listed in drop downs. For species not included in the drop down menu please add manually to the table.

2. Attach a separate map identifying species/critical habitat locations within the action area. For information on species and critical habitat under NMFS jurisdiction, visit the ESA Section 7 Mapper at: *https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=b184635835e34f4d904c6fb741cfb00d*

If Gulf sturgeon in marine waters may be affected, include them in the table here. If Gulf Sturgeon in riverine/freshwater may be affected include them in the USFWS table below in Section I. If sea turtles in water may be affected include them in the table here. If sea turtles on land may be affected include them in the USFWS table below in Section I.

Species and/or Critical Habitat	**CH Unit** (if applicable)	**Location** (Sea turtles and Gulf Sturgeon **only**)	**Determinations** (see definitions below)	**For "No Effect", please select justification.**
Choose an item.		Choose an item.	Choose an item.	Choose an item.
Choose an item.		Choose an item.	Choose an item.	Choose an item.

I. USFWS Species and Critical Habitat and Effects Determination Requested

If your project occurs in a location that does not contain any listed USFWS species or designated Critical Habitats, please check the box below. If this box is checked, you may skip Section I and proceed to Section J.

☒This project occurs in a location that does not contain any listed USFWS species or designated Critical Habitats.

☐ESA effects have been accounted for under an existing consultation.

1. List all species, critical habitat, proposed species and proposed critical habitat ***generated by IPaC*** *that may be found in the action area*. For species not included in the drop down menu please add manually to the table. The IPaC website can be found here: https://ipac.ecosphere.fws.gov/.

2. Attach a separate map identifying species/critical habitat locations within the action area. For information on species and critical habitat under NMFS jurisdiction, visit: http://sero.nmfs.noaa.gov/protected_resources/section_7/threatened_endangered/Documents/gulf_of_mexico.pdf.

If Gulf sturgeon in riverine/freshwater waters may be affected, include them in the table here. If Gulf Sturgeon in marine waters may be affected include them in the NMFS table above in Section H. If sea turtles on land may be affected include them in the table here. If sea turtles in water may be affected include them in the NMFS table above

in Section H.

Species and/or Critical Habitat	**CH Unit** (if applicable)	**Location** (Sea turtles and Gulf Sturgeon **only**)	**Determinations** (see definitions below)	**For "No Effect", please select justification.**
Choose an item.		Choose an item.	Choose an item.	Choose an item.
Choose an item.		Choose an item.	Choose an item.	Choose an item.
Choose an item.		Choose an item.	Choose an item.	Choose an item.
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		Choose an item.	Choose an item.	Choose an item.
		Choose an item.	Choose an item.	Choose an item.
		Choose an item.	Choose an item.	Choose an item.

Determination Definitions

Please make the appropriate choice in the drop down menus for both species and designated critical habitat

NE = no effect. This determination is appropriate when the proposed action will not directly, indirectly, or cumulatively impact, either positively or negatively, any listed, proposed, candidate species or designated/proposed critical habitat.

NLAA = may affect, not likely to adversely affect. This determination is appropriate when the proposed action is not likely to adversely impact any listed, proposed, candidate species or designated/proposed critical habitat or there may be beneficial effects to these resources. Response requested is concurrence with the not likely to affect determination. This conclusion is appropriate when effects to the species or critical habitat will be wholly beneficial, discountable, or insignificant. Beneficial effects are contemporaneous positive effects without any adverse effects to the species or habitat. Insignificant effects relate to the size of the impact, while discountable effects are those that are extremely unlikely to occur. Based on best judgment, a person would not: (1) be able to meaningfully measure, detect, or evaluate insignificant effects; or (2) expect discountable effects to occur. If the Services concur in writing with the Action Agency's determination of "is not likely to adversely affect" listed species or critical habitat, the section 7 consultation process is completed.

LAA = may affect, likely to adversely affect. This determination is appropriate when the proposed action is likely to adversely impact any listed, proposed, candidate species or designated/proposed critical habitat. Response requested for listed species is formal consultation for action with a likely to adversely affect determination, with a biological opinion as the concluding document. This conclusion is reached if any adverse effect to listed species or

critical habitat may occur as a direct or indirect result of the proposed action or its interrelated or interdependent actions, and the effect is not discountable or insignificant. In the event the overall effect of the proposed action is beneficial to the listed species or critical habitat, but may also cause some adverse effect on individuals of the listed species or segments of the critical habitat, then the determination is "likely to adversely affect." Any LAA determination requires formal section 7 consultation and will require additional information.

J. Effects of the Proposed Project to the Species and Actions to Reduce Impacts

NOTE: Species selected as "No Effect" with justification in tables above do not need to be addressed in Section J.

I. *Explain the potential beneficial and adverse effects to each species listed above. Describe what, when, and how the species will be impacted and the likely response to the impact. Be sure to include direct, indirect, and cumulative impacts and where possible, quantify effects.*

If species are present (or potentially present) and will not be adversely affected describe your rationale. If species are unlikely to be present in the general area or action area, explain why. This justification provides documentation for your administrative record, avoids the need for additional correspondence regarding the species, and helps expedite review.

Click here to enter text.

II. *Explain the actions to reduce adverse effects to each species listed above. For each species for which impacts were identified, describe any Conservation Measures and/or BMPs that will be implemented to avoid or minimize the impacts. Conservation Measures and/or BMPs are designed to avoid or minimize effects to listed species and critical habitats or further the recovery of the species under review. Conservation Measures and/or BMPs are considered part of the proposed action and their implementation is required. Any changes to, modifications of, or failure to implement these conservation measures may result in a need to reinitiate this consultation.*

Frequently Recommended Conservation Measures and BMPs: This checklist provides standard practices recommended by NMFS and USFWS. Please select any BMPs that will be implemented:

- ☐ **NMFS Protected Species Construction Conditions (2021)[1]**
- ☐ **NMFS Measures for Reducing the Entrapment Risk to Protected Species[1]**
- ☐ **NMFS Vessel Strike Avoidance Measures (2021)[1]**
- ☐ **USFWS Standard Manatee In Water Conditions (2011)[2] and Appropriate State Manatee Conditions[3]**

[1] https://www.fisheries.noaa.gov/southeast/consultations/regulations-policies-and-guidance
[2] https://www.fws.gov/media/2011-standard-manatee-construction-conditions-water-work
[3] Contact USFWS representative for appropriate documents

Additional BMPs or Conservation Measures

Chapter 6 of the PDARP included an important appendix (6.A) of best practices, see information starting on page 6-173.
http://www.gulfspillrestoration.noaa.gov/sites/default/files/wp-content/uploads/Chapter-6_Environmental-Consequences_508.pdf
Use the box below to indicate which best management practices or conservation measures you'll be using in your project (that were not listed in Section I above)

Click here to enter text.

K. Effects to Critical Habitats and Actions to Reduce Impacts

NOTE: Species selected as "No Effect" with justification in table do not need to be addressed in Section I or J.

I. *Explain the potential beneficial and adverse effects to critical habitat listed above. Describe what, when, and how the critical habitat will be impacted and the likely response to the impact. Be sure to include direct, indirect, and cumulative impacts to physical and biological features, and where possible, quantify effects (e.g. acres of habitat, miles of habitat).*

Describe your rationale if designated or proposed critical habitats are present and will not be adversely affected.

Click here to enter text.

II. *Explain the actions to reduce adverse effects to critical habitat listed above. For critical habitat for which impacts were identified, describe any conservation measures (e.g. BMPs) that will be implemented to avoid or minimize the impacts. Conservation measures are designed to avoid or minimize effects to listed species and critical habitats or further the recovery of the species under review.*
Conservation measures are considered part of the proposed action and their implementation is required. Any changes to, modifications of, or failure to implement these conservation measures may result in a need to reinitiate this consultation.

Click here to enter text.

L. Marine Mammals

I. The Marine Mammal Protection Act (MMPA) prohibits the taking (including disruption of behavior, entrapment, injury, or death) of all marine mammals (e.g.,whales, dolphins, manatees). However, the MMPA allows limited exceptions to the take prohibition if authorized, such as the incidental (i.e., unintentional but not unexpected) take of marine mammals. The following questions are designed to allow the Agencies to quickly determine if your action has the potential to take marine mammals. If the information provided indicates that incidental take is possible, further discussion with the Agencies is required.

Is your activity occurring in or on marine or estuarine waters? ☒NO ☐YES

If yes, is your activity likely to cause large-scale, ecosystem level impacts to the quality (e.g. salinity, temperature) of marine or

estuarine waters? ☐NO ☐YES

II. If Yes, describe activities further using checkboxes. Does your activity involve any of the following:

NO	YES	ACTIVITY
☐	☐	*a) Use of active acoustic equipment (e.g., echosounder) producing sound below 200 kHz*
☐	☐	*b) In-water construction or demolition*
☐	☐	*c) Temporary or fixed use of active or passive sampling gear (e.g., nets, lines, traps; turtle relocation trawls)*
☐	☐	*d) In-water Explosive detonation*
☐	☐	*e) Aquaculture*
☐	☐	*f) Restoration of barrier islands, levee construction or similar projects*
☐	☐	*g) Fresh-water river diversions*
☐	☐	*h) Building or enhancing areas for water-related recreational use or fishing opportunities (e.g. fishing piers, bridges, boat ramps, marinas)*
☐	☐	*i) Dredging or in-water construction activities to change hydrologic conditions or connectivity, create breakwaters and living shorelines, etc.*
☐	☐	*j) Conducting driving of sheet piles or pilings*
☐	☐	*k) Use of floating pipeline during dredging activities*

III. If you checked "Yes" to any of the activities immediately above or the activity could impact the quality of marine or estuarine waters, please describe the nature of the activities in more detail or indicate which section of the form already includes these descriptions. See the NOAA Acoustic Guidance for more information: http://www.nmfs.noaa.gov/pr/acoustics/faq.htm

Click here to enter text.

IV. *Frequently Recommended BMPs for marine mammals (manatees are covered in Section I above): This checklist provides standard BMPs recommended by NOAA. Please select any BMPs that will be implemented:*

☐	NMFS Southeast U.S. Marine Mammal and Sea Turtle Viewing Guidelines[4]
☐	NMFS Protected Species Construction Conditions (2021)[5]
☐	NMFS Measures for Reducing the Entrapment Risk to Protected Species (2012)[3]

[4] https://www.fisheries.noaa.gov/topic/marine-life-viewing-guidelines

[5] https://www.fisheries.noaa.gov/southeast/consultations/regulations-policies-and-guidance

☐	NMFS Vessel Strike Avoidance Measures and Reporting for Mariners (2021)[3]
☐	NMFS Reproducing and posting outreach signs: Dolphin Friendly Fishing Tips sign, Don't Feed Wild Dolphins sign[6]

If not listed above, please describe any additional BMPs or conservation measures that may be implemented for marine mammals. Click here to enter text.

M. Bald Eagles (Bald and Golden Eagle Protection Act)

Are bald eagles present in the action area? ☒NO ☐YES

Whether Bald Eagles are present or not, the following conservation measures should be implemented to project eagles or in the case that previously unknown eagles are documented:

1. If bald eagle breeding or nesting behaviors are observed or a nest is discovered or known, all activities (e.g., walking, camping, clean-up, use of a UTV, ATV, or boat) should avoid the nest by a minimum of 660 feet. If the nest is protected by a vegetated buffer where there is *no* line of sight to the nest, then the minimum avoidance distance is 330 feet. This avoidance distance shall be maintained from the onset of breeding/courtship behaviors until any eggs have hatched and eaglets have fledged (approximately 6 months).
2. If a similar activity (e.g., driving on a roadway) is closer than 660 feet to a nest, then you may maintain a distance buffer as close to the nest as the existing tolerated activity.
3. If a vegetated buffer is present and there is no line of sight to the nest and a similar activity is closer than 330 feet to a nest, then you may maintain a distance buffer as close to the nest as the existing tolerated activity.
4. In some instances, activities conducted at a distance greater than 660 feet of a nest may result in disturbance. If an activity appears to cause initial disturbance, the activity shall stop and all individuals and equipment will be moved away until the eagles are no longer displaying disturbance behaviors.

Will you implement the above measures? ☐NO ☐YES

If these measures cannot be implemented, then you must contact the Service's Migratory Bird Permit Office.
Texas – (505) 248-7882 or by email: permitsR2MB@fws.gov
Louisiana, Mississippi, Alabama, Florida – (404) 679-7070 or by email: permitsR4MB@fws.gov

N. Migratory Bird Treaty Act

In accordance with the Migratory Bird Treaty Act of 1918 as amended (16 U.S.C. 703-712), will this project cause the take of any birds covered under this act? ☒NO ☐YES

[6] https://www.fisheries.noaa.gov/southeast/consultations/protected-species-educational-signs

If YES, please explain and indicate if the pertinent permits will be or have been obtained:

Project proponent will review the appropriate BMPs and CMs found at the following website and implement the appropriate measures to the extent practicable:
https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds

☐NO ☐YES

If NO, please explain:

O. Request Approval for Use of NMFS PDCs for This Project

Complete this section only if your project qualifies for streamlined ESA consultation under the ESA Framework Programmatic
Biological Opinion and updated Appendix A (2023). To be eligible for streamlined ESA consultation with NMFS, you must implement all Project Design Criteria (PDCs) applicable to your project.

Check "yes" for PDC categories that apply to the proposed project, and request PDC checklist from NMFS. Review the document here on sharepoint: NMFS ESA PDCs

YES	NO	ACTIVITY
☐	☒	**Marsh Creation, Maintenance, or Enhancement**
☐	☒	**Living Shorelines Construction Maintenance, or Expansion**
☐	☒	**Removal of Fishing Gear and Other Marine Debris**
☐	☒	**Oyster Reefs Creation, Maintenance, or Enhancement**
☐	☒	**Pile-Supported Structures, including Non-fishing Piers, Anchored Buoys, and In-water Sign Posts**
☐	☒	**Artificial Reefs Construction, Maintenance, or Expansion**
☐	☒	**Boat Ramps Installation, Repair, Replacement, or Removal**
☐	☒	**Water Management Outfall Structures and Associated Endwalls Installation, Repair, Replacement or Removal**
☐	☒	**Establishing or Restoring SAV**
☐	☒	**Scientific Surveys or Research Projects and the Installation, Repair, or Removal of Equipment**

P. Submitting the BE Form

We request that all BE forms and consultation materials be placed on Sharepoint for review.

Upon receipt, we will conduct a preliminary review and provide any comments and feedback, including any requests for modifications or additional information.

If modifications or additional information is necessary, we will work with you until the Biological Evaluation form is considered complete. Once complete, we will use the Biological Evaluation form to initiate appropriate consultations.

Questions may be directed to:

NMFS ESA § 7 Consultation

Christy Fellas, National Oceanic Atmospheric Administration
Email: Christina.Fellas@noaa.gov
Phone: 813-816-2732

USFWS ESA § 7 Consultation

Michael Barron, Department of the Interior
Email: michael_barron@fws.gov
Phone: 251-421-7030

NHPA Consultation

Benjamin Frater, Department of the Interior
Email: benjamin_frater@fws.gov
Phone: 404-314-8815