DEPARTMENT OF NATURAL RESOURCES
OFFICE OF COASTAL RESTORATION AND MANAGEMENT

October 6, 2006

Richard Hartman
National Marine Fisheries Service
Habitat Conservation Division
c/o Louisiana State University
Baton Rouge, LA 70808-7535

RE: C20030606, Coastal Zone Consistency Modification
NMFS
Direct Federal Action
Chaland Headland Restoration CWPPRA Project (BA-38-2), modification for excavation of a supplemental borrow area D1, Plaquemines Parish, Louisiana

Dear Mr. Hartman:

The above referenced project modification has been reviewed for consistency with the approved Louisiana Coastal Resources Program (LCRP) as required by Section 307 of the Coastal Zone Management Act of 1972, as amended. The modification, as proposed in the application, is consistent with the LCRP.

If you have any questions concerning this information request, please contact Brian Marcks of the Consistency Section at (225)342-7939 or 1-800-267-4019.

Sincerely,

Jim Rives
Acting Administrator

JR/JH/bgm

cc: Greg Grandy, CED
    Frank Cole, CMD FI
    Andrew Maclnnes, Plaquemines Parish
    Ron Ventola, COE-NOD
NOTES:
1. COORDINATES SHOWN HEREOF ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
**LEGEND:**

- ○ MAGNETIC ANOMALY AREA OF AVOIDANCE (100' BUFFER)
- ○ 2004 CULTURAL RESOURCE MAGNETIC ANOMALY
- ○ 2003 MAGNETIC ANOMALY

**NOTES:**

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. DATE OF MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CRE.
GULF OF MEXICO

BORROW AREA D1

BORROW AREA QUATRE BAYOU (SEE SHEETS 4-6)

LEGEND:

◇ 2003 CPE VIBRACORE
◇ USGS VIBRACORE
◇ D1-E' CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
LEGEND:

◊  2003 CPE VIBRACORE
○  USGS VIBRACORE
D1-E'  CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND MAGNETOMETER SURVEY: SEPTEMBER 2003, CONDUCTED BY CPE.
NOTES:
1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ALLOWABLE OVER DREDGE IS 3' (FEET) BELOW DESIGN CUT.
DREDGE CUTS NOTED ON THIS SHEET
REFER TO REMOVAL ELEVATION OF BEACH
AND DUNE CONSTRUCTION MATERIAL.

BORROW AREA D1

BORROW AREA QUATRE BAYOU
(SEE SHEETS 4-6)

GULF OF MEXICO

LEGEND:
D1-E'

CROSS SECTION LABELS
NOTES:
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   COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND
   MAGNETOMETER SURVEY: SEPTEMBER 2023, CONDUCTED BY CPE.
4. CONTOURS REPRESENT BOTTOM OF SAND LAYER.
LEGEND:

D1-E'  CROSS SECTION LABELS

NOTES:

1. COORDINATES SHOWN HEREON ARE IN FEET BASED ON LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, NAD 1983.
2. ELEVATIONS SHOWN HEREON ARE IN FEET BASED ON NAVD 1988.
3. DATE OF BATHYMETRIC SURVEY, SEISMIC SCAN, SIDE SCAN SONAR, AND CONTOURS REPRESENT BOTTOM OF SILT/CLAY LAYER AND TOP OF SAND LAYER.
NOTES:
1. CORES MAY NOT FALL DIRECTLY ON CROSS SECTION LINE, BUT ARE LOCATED SUFFICIENTLY CLOSE TO REPRESENT SIMILAR MATERIAL.
2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:
- MARSH FILL MATERIAL
- BEACH FILL MATERIAL
- - - SEISMIC REFLECTOR

SCALE: HORIZ. 1" = 600'
VERT. 1" = 10'

CHALAND HEADLAND RESTORATION
(BA-38-2) CWPPRA PROJECT
BORROW AREA D1 CROSS SECTION D1-A
NOTES:
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2. WIDTH OF LAYERS IS REPRESENTATIVE ONLY. ACTUAL MATERIAL MAY VARY.
3. SEE PAGES 18, 21 & 22 FOR LOCATION OF CROSS SECTION LINE.
4. MAXIMUM DREDGE DEPTH 3 FEET BELOW DESIGN CUT DEPTH SHOWN.

LEGEND:
- MARSH FILL MATERIAL
- BEACH FILL MATERIAL
- SEISMIC REFLECTOR

SCALE: HORIZ. 1" = 600'  VERT. 1" = 10'
NOTES:
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LEGEND:
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- BEACH FILL MATERIAL
- SEISMIC REFLECTOR

SCALE: HORIZ. 1" = 600
VERT. 1" = 10'
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LEGEND:
- MARSH FILL MATERIAL
- BEACH FILL MATERIAL
— SEISMIC REFLECTOR

SCALE: HORIZ. 1" = 500'
VERT. 1" = 10'
Habitat Conservation Division  
c/o Louisiana State University  
Baton Rouge, Louisiana 70808-7535  

October 3, 2006  

Mr. Gregory DuCote  
Coastal Management Division  
Louisiana Department of Natural Resources  
Post Office Box 44487  
Baton Rouge, Louisiana 70804-4497  

Dear Mr. DuCote:  

Reference is made to Coastal Zone Consistency C20030606 for the Chaland Headland restoration project (BA-38-2) located in Plaquemines Parish, Louisiana. The purpose of this letter is to request authorization for excavation of a supplemental borrow area to allow completion of the project as designed. The modification is required due to cut-to-fill ratios in excess of that anticipated during the design process.  

The attached plats depict the location and extent of the proposed supplemental borrow area. It is anticipated that less than 500,000 cubic yards of material will be excavated from this area. The proposed supplemental borrow area has been through a complete cultural resources investigation, and no unavoidable resources were noted. Additionally, excavation of the supplemental borrow area has been modeled to assess potential changes in wave climate and shoreline erosion. The analyses suggest predicted wave heights are not anticipated to change due to excavation of the proposed borrow areas. The analyses also suggest that although minor changes in wave direction may occur, induced impacts to shoreline erosion are not anticipated.  

Based on the enclosed information and draft construction plans and specifications, it is our determination that the proposed action is consistent with the Louisiana Coastal Resources Program.  

We are requesting that you authorize this modification at the earliest possible time. Project construction is ongoing, and delayed authorization of the requested modification could result in termination of the construction contract. If you have any questions regarding the applications, the projects, or enclosed documents, please contact Rachel Sweeney at (225)389-0508. Thank you for your attention to this matter.  

Sincerely,  

Rachel Sweeney,  
Project Manager  

Enclosures