

PHASE IV DEBRIS REMOVAL SURVEY
Preliminary Environmental Unit Review

Waterway: 8610 Bayou Grand Caillou

NOAA reviewer: Troy Baker ^{T.B.}

Date: 24APRIL 2008

Checklist of Environmental Factors – Assess the potential for impacts to the following resources/areas and coordinate as necessary:

- Habitat/environmental sensitivity –
 - ◆ Intermediate and Salt Marshes are present in the survey area. Survey teams and equipment should remain in water to avoid physical damage to habitat.
- Threatened/endangered species -
 - ◆ Threatened raptors, rare lizard, rare waterfowl, and low probability of sea turtles at coastal terminus of waterway
- Cultural/historical resources –
 - ◆ Do not physically alter/damage banks, shoreline, or surrounding uplands
- Oyster habitat –
 - ◆ Oyster leases are present in the area. Confirm all transit and survey routes avoid sensitive or privately-owned areas and/or do not disturb bottom habitats.
- State/federal/tribal lands –
 - ◆ Mandalay National Wildlife Refuge is well north of the survey area. Do not enter NWR Refuge boundaries without further consultation or coordination with the refuge manager.
- Scenic waterway –

Summary and Conclusions of Environmental Review:

Habitat/environmental sensitivity: Marshes in this area are sensitive to impact and survey teams should remain in the water to minimize potential adverse impacts to habitat.

Threatened/endangered species: Adverse effects to rare raptors, rare lizards, and sea turtles can be avoided by staying several thousand feet from nest trees, adjacent terrestrial habitats to waterway, and maintaining situational awareness of coastal waters during boat surveys. Shorelines adjacent to the Gulf of Mexico at the end of Bayou Grand Caillou are sensitive and should not be disturbed.

Cultural/historical resources: No known resources. No coordination required.

Oyster habitat: Oyster leases are present in the area. Do not deviate from pre-planned transit and survey routes designed to avoid these areas and avoid disturbing bottom lands.

State/federal/tribal lands: Lands with special ownership are not present in this waterway

Scenic waterway: Not a scenic waterway