

PHASE IV DEBRIS REMOVAL SURVEY  
Preliminary Environmental Unit Review

Waterway: Barataria Waterway South, 8019 Jefferson Parish

NOAA reviewer: D. Simicel Beatty

Date: 5/16/08

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

Habitat/environmental sensitivity

Do not cause physical harm to the marsh. Limit activity to waterway.

Threatened/endangered species

Brown pelican and Piping plovers maybe present. Avoid impacts to habitat (see EU guidance on Threatened and Endangered Species)

Cultural/historical resources

Oyster habitat

Oyster leases in Barataria Bay. Avoid these areas.

State/federal/tribal lands

Scenic waterway

Summary and Conclusions of Environmental Review:

Habitat/environmental sensitivity: Barateria Bay is highly sensitive consisting mainly of salt marsh. Avoid creating ruts/scars in marsh by limiting activities to waterway.

Threatened/endangered species: Rare and endangered species include American alligator, Brown pelican, Southern Bald Eagle, Peregrine Falcon and Piping Plovers. Prevent impacts to habitat (intertidal beaches, sand flats, mud flats, alagal flats). Debris may offer refuge to plovers from winter weather

Oyster habitat: Oyster leases in Barataria Bay.

State/federal/tribal lands: Barataria Bay is designated an estuary of national significance by the Environmental Protection Agency National Estuary Program.

Scenic waterway: Not a scenic waterway.