

**PHASE IV DEBRIS REMOVAL SURVEY**  
**Preliminary Environmental Unit Review**

Waterway: 8615 Lake de Cade

NOAA reviewer: Troy Baker

Date: 24APRIL 2008

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

- Habitat/environmental sensitivity –
  - ◆ Bottomland hardwood habitat is present in the survey area. Survey teams and equipment should remain in water to avoid physical damage to habitat.
- Threatened/endangered species -
  - ◆ Threatened raptors and sensitive colonial birds are present in the vicinity
- Cultural/historical resources –
- Oyster habitat –
- State/federal/tribal lands –
  - ◆ Mandalay National Wildlife Refuge is well north of the survey area. Do not enter NWR or WMA Refuge boundaries without further consultation or coordination with the refuge manager.
- Scenic waterway

**Summary and Conclusions of Environmental Review:**

**Habitat/environmental sensitivity:** Survey teams and equipment should remain in water to avoid physical damage to habitat.

**Threatened/endangered species:** Adverse effects to rare raptors and colonial birds can be avoided by staying several thousand feet from nest trees, adjacent terrestrial habitats to waterway, and maintaining situational awareness of waters during boat surveys. Rare raptors are present year-round (#460) with nesting from Oct-May. Sensitive birds are present year round with nesting during Nov-Sep.

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

**Oyster habitat:** No oyster leases in area.

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

**Scenic waterway:** Not a scenic waterway