

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

Waterway: 8708 Freshwater Bayou Canal, Vermillion

NOAA reviewer: D. Simecek-Beatty *DSB*

Date: 30 JUNE 2008

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

Habitat/environmental sensitivity

Restrict survey to waterway. Do not cause physical harm to marsh.

Threatened/endangered species

Gulf sturgeon and Piping plover and respective habitat are in the survey area. Removal activities will require consultation with U.S. Fish and Wildlife.

Cultural/historical resources

Restrict survey to waterway.

Oyster habitat

State/federal/tribal lands

See comment below – Field survey team leader, please confirm with Parish representative.

Scenic waterway

Summary and Conclusions of Environmental Review:

Habitat/environmental sensitivity: ESI LA - 16 indicates brackish and intermediate marshes adjacent to waterway.

Cultural/historical resources: ESI –NHP LWF 2001 database shows archaeological sites to the east of lower waterway. Stay in waterway.

Threatened/endangered species: ESI LA 16 indicates federally listed threatened bird and fish (Piping plover and Gulf sturgeon, ESI 520 and 588, respectively) in the survey area. Debris removal activities that directly or indirectly impact piping plovers or their designated critical

habitat or impact water quality or the physical aquatic substrate, contact the U.S.Fish and

Wildlife for further endangered species consultation.

Oyster habitat: ESI database does not show public or private leases in the area.

State/federal/tribal lands: ESI LA-16 indicates Cheniere au Tiger State Park borders waterway.

However, neither the Louisiana state park web site or the Louisiana Atlas & Gazetteer list this
state park.

Scenic waterway: Not a scenic waterway.
