

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

Waterway: Elan Vitale 8229

NOAA reviewer: Troy Baker

Date: 4/23/08

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 marsh surrounding Fort Macomb facilities

Threatened/endangered species – Gulf sturgeon

Cultural/historical resources

Survey and removal activities should to be coordinated with Bayou Sauvage National Wildlife Refuge manager because surveys will occur in the vicinity of the Refuge, Daniel Breaux at 985-882-2030

Oyster habitat – Oyster leases south of targets in Lake Borgne. Avoid Lake Borgne during transit if possible.

State/federal/tribal lands

Bayou Sauvage National Wildlife Refuge, Daniel Breaux at 985-882-2030

Scenic waterway

Summary and Conclusions of Environmental Review:

Habitat: Brackish marsh environment with extensive development along the waterway

Threatened/endangered species: Gulf Sturgeon are present in adjacent waters but should not be affected by survey and removal operations

Culture/historic resources: Avoid entering Fort Macomb property nearby

State/Federal/tribal lands: Bayou Sauvage National Wildlife Refuge is on the south and northern edge of Elan Vitale area

Scenic Waterway: Not a scenic waterway