

# Geographic Response Plan Map: AL-1

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| <p><b>Environmentally Sensitive Areas</b></p> <p><b>Summer Protection Priority</b></p> <ul style="list-style-type: none"> <li>◆◆◆ A - Protect First</li> <li>◆◆ B - Protect after A Areas</li> <li>◆ C - Protect after B Areas</li> </ul> <p><b>Response Methods</b></p> <ul style="list-style-type: none"> <li>Y Skimmer</li> <li>☉ Shallow Water Skimmer</li> <li>▲ Collection Point</li> <li>▲ Natural Collection Points</li> <li>— General Booming Strategy (Length in Feet)</li> <li>▣ Incident Command Posts</li> <li>⊙ Staging Areas</li> <li>Ⓡ Oil Spill Risk Sites</li> <li>ⓔ Equipment Storage Locations</li> <li>Ⓜ Beach or Water Access</li> </ul> | <p><b>Bio-Socioeconomic</b></p> <ul style="list-style-type: none"> <li>✈ Airport</li> <li>Ⓜ Aquaculture</li> <li>Ⓜ Aquatic Preserve/State Park</li> <li>Ⓜ Artificial Reef/Hardbottom</li> <li>Ⓜ Beach Mouse Habitat</li> <li>Ⓜ Black Bear Habitat</li> <li>Ⓜ Boat Ramp</li> <li>Ⓜ Coast Guard</li> <li>Ⓜ Diving</li> <li>Ⓜ Flatwoods Salamander</li> <li>Ⓜ Heliport</li> <li>Ⓜ High Recreational Beach</li> <li>Ⓜ Manatee</li> </ul> | <ul style="list-style-type: none"> <li>Ⓜ Marina</li> <li>Ⓜ NERR</li> <li>Ⓜ National Park</li> <li>Ⓜ Naval Base</li> <li>Ⓜ Panama City Crayfish</li> <li>⚡ Power Plant</li> <li>Ⓜ Reptile Habitat of Concern</li> <li>Ⓜ Sea Turtle Nesting</li> <li>Ⓜ Shore Bird Habitat</li> <li>Ⓜ Spring</li> <li>Ⓜ Sturgeon</li> <li>Ⓜ Water Intake</li> <li>Ⓜ Wildlife Refuge</li> </ul> | <ul style="list-style-type: none"> <li>🌿 Sea Turtle Nesting Beach</li> <li>📏 Federal Managed Areas</li> <li>📏 State Managed Areas</li> <li>📏 Aquaculture/Oysters</li> <li>📏 State Waters/County Line</li> <li>📏 USCG Sector Boundary</li> </ul> |
|--|--|---|---|

Sector Mobile Area Committee

Fish and Wildlife Research Institute

0 0.5 1 1.5 2 Miles

Sector New Orleans      Sector Mobile      Sector St. Petersburg

**Name:** Bayou La Fourche/Grand Batture Shoal

**Site ID:**

**AL01-01**

**Protection Priority (Season):** Spring:  Summer:  Fall:  Winter:

**Site Description:** Shallow shoal just east of MS-AL state line. Intertidal salt marsh shoreline

**GEOSPATIAL INFORMATION**

**Latitude (DMS):** 30° 21' 19.944"

**Longitude (DMS):** 88° 23' 20.987"

**County:** Mobile

**Latitude (DD):** 30.355540

**Longitude (DD):** -88.389163

**SCAT Division:** Mobile County Division 2

**ESI Map:** AL-1/MS-2

**ESI Name:** Grand Bay SW, Ala.

**NOAA Chart:** 11373\_1

**CHART Name:** MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

**USGS Quad:** 30088-C4

**QUAD Name:** Grand Bay SW

**Managed Area (if applicable):** Alabama

**General Location:**

**CONTACT INFORMATION**

**Contacts:** ADCNR (24hr) 251-476-1256; AL State Warning Point 800-843-0699; USFWS Daphne Field Office 251-441-5181; USFWS Grand Bay NWR 228-497-6322; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

**RESOURCES AT RISK INFORMATION**

**Shoreline Type:** Salt and Brackish Water Marsh

**Habitat:** Salt and brackish water marsh, Piping Plover designated critical habitat, breeding and feeding habitat for numerous juvenile species, Grand Buttore Island, Grand Bay NWR

**Wildlife:** Throughout Area - Gulf Sturgeon (T), Bald Eagle (T), Manatees (E), Gopher Tortoise (T), Gulls & Terns, Pelagic birds. Waterfowl, Fish, Shrimp, Submerged aquatic vegetation, possible Gulf Sturgeon (T)

**Threaten/Endangered Species:** Throughout Area - Gulf Sturgeon (T), Bald Eagle (T), Manatees (E), Gopher Tortoise (T), Piping Plover

**Socio-Economic Resources:** OSROs

**RESPONSE CONSIDERATIONS**

**Staging Area:** Bayou Casotte, Bayou LaBatre, Bayou Cumbest, point-o-pines located closer but need pitches, Jemison Ramp, Alabama Port, Fowl River Marina, 1-NW Middle Bay Port

**Collection Points:** Fowl River

**Area Access:** Boat only via Fowl River Marina, Alabama Port. Caution: shallow area, access difficult in shoreline areas.

**Spill Risk:** Shipping channels, offshore oil rigs, sites in Alabama.

**Response Resources:** Mobile CO EMA - (251) 460-8000

**PROTECTION STRATEGY INFORMATION**

**Tidal Range (FT):** 1.5

**Average Current (KTS):**

**Ease of Protection:** Unknown

**Min. Boom Length (FT):** 10,000

**Boom Type:**

**Booming Method:** Deflection, Protection/Exclusion

**Protection Strategy:** Exclusion booming around entire island due to tidal factors, possible diversion boom to south side of island depending on size of spill, current, or tidal range. Refer to Contractor Guidance GSTRP - Mobile Bay (OP - Area) 3 SW.



Name: S. Rigolets Island

Site ID:

MS02-01

Protection Priority (Season): Spring:  Summer:  Fall:  Winter: 

Site Description: Intertidal salt marsh shoreline. Shallow water on approach to south Rigolets Island.

## GEOSPATIAL INFORMATION

Latitude (DMS): 30° 20' 51.281"

Longitude (DMS): 88° 24' 1.887" W

County: Jackson

Latitude (DD): 30.347578

Longitude (DD): -88.400524

SCAT Division: Jackson County Division 4

ESI Map: AL-1/MS-2

ESI Name: Grand Bay SW, Ala.

NOAA Chart: 11373\_1

CHART Name: MISSISSIPPI SND &amp; APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-C4

QUAD Name: Grand Bay SW

Managed Area (if applicable): Private

General Location: South Rigolets Island and little island to southwest.

## CONTACT INFORMATION

**Contacts:** Grand Bay NERR Reserve (Mgr) 228-475-7047; MS DMR (Director-Fisheries) 228-523-4064 or (24hr/Mgr) 228-374-5000 or (Marine Patrol) 228-523-4134; USFWS Grand Bay NWR (Archaeological) 228-497-6322; MS SHPO 601-576-6940; USFWS Daphne Office 251-441-5181; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Salt & Brackish Water Marsh, Sheltered Tidal Flats, Sand Beaches**Habitat:** Sheltered tidal flats, salt/brackish marsh, South Rigolet Island**Wildlife:** Small Mammals, Shorebirds, Wading Birds, Turtles, Diamondback Terrapin, Fish, Crab, Shrimp, possible Gulf Sturgeon (T)**Threaten/Endangered Species:** Piping Plover designated critical habitat, Snowy Plover, Throughout Area - Gulf Sturgeon (T), Manatees (E)**Socio-Economic Resources:** OSROs, recreational fishing and hunting

## RESPONSE CONSIDERATIONS

**Staging Area** Bayou Casotte, Bayou LaBatre, Bayou Cumbest, point-o-pines located closer but need pitches, Jemison Ramp, Alabama Port, Fowl River Marina, 1-NW Middle Bay Port**Collection Points:** Fowl River**Area Access:** By boat only via Bayou Casotte, Bayou Cumbest, or Bayou Heron, MS Sound, Fowl River Marina, Alabama Port. Caution: shallow area, access difficult along southern shoreline.**Spill Risk:** Industries along Bayou Casotte, including shipping channels. Pascagoula Industry, Pipeline, Vessel**Response Resources:** Mobile Co. EMA (251) 460-8000

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):** 2**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):** 10,000**Boom Type:****Booming Method:** Deflection, Protection/Exclusion**Protection Strategy:** Sorbent boom around island southwest of south Rigolets Island and southern/southeast shoreline of Rigolets island.

Name: L'Isle Chaude Bayou

Site ID:

MS02-02

Protection Priority (Season): Spring:  Summer:  Fall:  Winter: 

Site Description: Shallow water from north (Crooked Bayou) and south (Jose Bay)

## GEOSPATIAL INFORMATION

Latitude (DMS): 30° 21' 36.720"

Longitude (DMS): 88° 24' 22.035"

County: Jackson

Latitude (DD): 30.360200

Longitude (DD): -88.406121

SCAT Division: Jackson County Division 4

ESI Map: AL-1/MS-2

ESI Name: Grand Bay SW, Ala.

NOAA Chart 11373\_1

CHART Name MISSISSIPPI SND &amp; APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-C4

QUAD Name: Grand Bay SW

Managed Area (if applicable): State of Miss. (open water) USFWS (Adjacent marsh)

General Location: Jose Bay, L'isle Chaude Bayou, North Rigolet Bayou

## CONTACT INFORMATION

Contacts: Grand Bay NERR Reserve (Manager) 228-475-7047; MS DMR (Director-Fisheries) 228-523-4064 or (24hr/Preserve Mgr) 228-374-5000 or (Marine Patrol) 228-523-4134; USFWS Grand Bay NWR (Archaeological/Mgr) 228-497-6322; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

## RESOURCES AT RISK INFORMATION

Shoreline Type: Shell beaches ,Sheltered tidal flats,Salt marsh

Habitat: Sheltered tidal flats, salt marsh, shellfish beds,

Wildlife: Small Mammals, Raptors, Shorebirds, Wading birds, Fish, Bivalves, Crabs, Shrimp, Piping Plover, Diving birds, possible Gulf Sturgeon (T)

Threaten/Endangered Species: Brown pelican, Throughout Area - Gulf Sturgeon (T), Bald Eagle (T), Manatees (E), Gopher Tortoise (T), Piping Plover

Socio-Economic Resources: Recreational fishing and hunting, Shell Middens-Archaeological site

## RESPONSE CONSIDERATIONS

Staging Area Bayou Casotte, Bayou LaBatre, Bayou Heron, Bayou Cumbest

Collection Points:

Area Access: Shallow draft vessel (&lt;1ft) from Bayou Casotte, Bayou Cumbest, Bayou Heron

Spill Risk: Industries along Baoyu Casotte, including shipping channels, Recreational Vessels

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 1.5

Average Current (KTS):

Ease of Protection: Hard

Min. Boom Length (FT): 5,500

Boom Type:

Booming Method: Deflection, Protection/Exclusion

Protection Strategy: Boom mouth of Rigolets Bayou and L'isle Chaude Bayou. Boom eastern shoreline of Rigolet Island to Jose Bayou. Contact GBNERR and USFWS for guidance.



Name: Bangs Bayou

Site ID:

MS02-03

Protection Priority (Season): Spring:  Summer:  Fall:  Winter: 

Site Description: Shallow water by Bangs Island

## GEOSPATIAL INFORMATION

Latitude (DMS): 30° 21' 43.719"

Longitude (DMS): 88° 27' 21.042"

County: Jackson

Latitude (DD): 30.362144

Longitude (DD): -88.455845

SCAT Division: Jackson County Division 4

ESI Map: AL-1/MS-2

ESI Name: Grand Bay SW, Ala.

NOAA Chart: 11373\_1

CHART Name: MISSISSIPPI SND &amp; APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-C4

QUAD Name: Grand Bay SW

Managed Area (if applicable): State of Miss. (open water)

General Location: Bangs Island, Bangs Bayou, Bayou Cumbest, Pt Aux Chenes Bay to Jose Bay

## CONTACT INFORMATION

**Contacts:** Grand Bay NERR Reserve (Manager) 228-475-7047; MS DMR (Director-Fisheries) 228-523-4064 or (24hr/Preserve Mgr) 228-374-5000 or (Marine Patrol) 228-523-4134; USFWS Grand Bay NWR (Archaeological/Mgr) 228-497-6322; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Salt Marsh, Sandy Beach, Clay Scraps, mixed sand and shell beach, exposed tidal flats, salt marsh**Habitat:** Salt Marsh, oyster beds, tidal bayou, salt pan flats**Wildlife:** Fish, Shell Fish, Wading birds, Raptors, dolphins, manatees, sea turtles, Diamondback Terrapin, seaside sparrows, small mammals, shorebirds, wading birds, diving birds, Possible Gulf Sturgeon**Threaten/Endangered Species:** Brown Pelican, Piping Plover, manatee, sea turtles**Socio-Economic Resources:** Archaeological Sites on Bangs Island and Bayou Cumbest

## RESPONSE CONSIDERATIONS

**Staging Area** Bayou Casotte(Point of Pinds Boat Ramp on Bayou Cumbest and boat ramp on Bayou Heron for shallow draft(<1.5ft) boats)**Collection Points:****Area Access:** Boat, vehicle**Spill Risk:** Industries along Bayou Casotte- Chevron, First Chemical, MS Phosphates, recreational vessels**Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):** 1.5**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 3,000**Boom Type:****Booming Method:** Deflection, Protection/Exclusion**Protection Strategy:** Boom mouths of Bangs Bayou and Bayou Cumbest. Sorbent boom along west shore of Kenny's Island. Sorbent boom at mouths of tidal creek inlets on Point Aux Chenes Bay to Jose Bay. Contact Grand Bay NERR and USFWS (refuge manager) for guidance.

Name: Brown Bayou

Site ID:

MS02-04

Protection Priority (Season): Spring:  Summer:  Fall:  Winter: 

Site Description: Shallow water on approach to shoreline.

## GEOSPATIAL INFORMATION

Latitude (DMS): 30° 20' 26.262"

Longitude (DMS): 88° 26' 50.665"

County: Jackson

Latitude (DD): 30.340628

Longitude (DD): -88.447407

SCAT Division: Jackson County Division 4

ESI Map: AL-1/MS-2

ESI Name: Grand Bay SW, Ala.

NOAA Chart: 11373\_1

CHART Name: MISSISSIPPI SND &amp; APPROACHES DAUPHIN ISL TO CAT ISL

USGS Quad: 30088-C4

QUAD Name: Grand Bay SW

Managed Area (if applicable): State of Miss.

General Location:

## CONTACT INFORMATION

**Contacts:** Grand Bay NERR Reserve (Manager) 228-475-7047; MS DMR (Director-Fisheries) 228-523-4064 or (24hr/Preserve Mgr) 228-374-5000 or (Marine Patrol) 228-523-4134; USFWS Grand Bay NWR (Archaeological/Mgr) 228-497-6322; MS SHPO 601-576-6940; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Salt marsh, Sheltered tidal flats**Habitat:** Salt marsh, sheltered tidal flats**Wildlife:** Small mammals, Shorebirds, Wading birds, Sankes, Turtles, Crabs, Diamondback Terrapin, possible Gulf Sturgeon (T)**Threaten/Endangered Species:** Gulf Sturgeon**Socio-Economic Resources:** Archaeological Site

## RESPONSE CONSIDERATIONS

**Staging Area****Collection Points:****Area Access:** Shallow draft (<1.5ft) vessels only from Bayou Casotte, or Bayou Cumbest**Spill Risk:** Industries along Bayou Casotte, including shipping channels, recreational, shipping channel**Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):** 1.5**Average Current (KTS):****Ease of Protection:** Unknown**Min. Boom Length (FT):** 10,000**Boom Type:****Booming Method:** Deflection, Protection/Exclusion**Protection Strategy:** Deploy 10,000' of boom to protect sensitive areas associated with Brown Bayou. Single line of boom from level to Bangs Bayou. Contact GBNERR and USFWS for guidance.

**Name:** Pt. aux Chenes Bay - Sea grass Beds

**Site ID:**

**MS02-05**

**Protection Priority (Season):** Spring:  Summer:  Fall:  Winter:

**Site Description:**

**GEOSPATIAL INFORMATION**

**Latitude (DMS):** 30° 19' 30.305"

**Longitude (DMS):** 88° 25' 40.777"

**County:** Jackson

**Latitude (DD):** 30.325085

**Longitude (DD):** -88.427994

**SCAT Division:** Jackson County Division 4

**ESI Map:** AL-1/MS-2

**ESI Name:** Grand Bay SW, Ala.

**NOAA Chart:** 11373\_1

**CHART Name:** MISSISSIPPI SND & APPROACHES DAUPHIN ISL TO CAT ISL

**USGS Quad:** 30088-C4

**QUAD Name:** Grand Bay SW

**Managed Area (if applicable):**

**General Location:** Seagrass Beds

**CONTACT INFORMATION**

**Contacts:** Grand Bay NERR Reserve (Manager) 228-475-7047; MS DMR (Director-Fisheries) 228-523-4064 or (24hr/Preserve Mgr) 228-374-5000 or (Marine Patrol) 228-523-4134; USFWS Grand Bay NWR (Archaeological/Mgr) 228-497-6322; NRC 800-424-8802; D-8 Duty NOAA SSC (24hr) 206-375-5697; DOI - Regional Environmental Officer 404-331-4524 or 404-852-5414

**RESOURCES AT RISK INFORMATION**

**Shoreline Type:**

**Habitat:** Seagrass

**Wildlife:** Sea Turtles, manatees, fish, dolphin, waterfowl, diving birds, possible Gulf Sturgeon (T)

**Threaten/Endangered Species:** Manatees, Gulf Sturgeon, sea turtles

**Socio-Economic Resources:**

**RESPONSE CONSIDERATIONS**

**Staging Area:** Singing River Yacht club, USCG Singing River Island Ramp

**Collection Points:** Shallow water skimmer

**Area Access:** Shallow draft vessel

**Spill Risk:**

**Response Resources:**

**PROTECTION STRATEGY INFORMATION**

**Tidal Range (FT):**

**Average Current (KTS):**

**Ease of Protection:** Hard

**Min. Boom Length (FT):**

**Boom Type:**

**Booming Method:**

**Protection Strategy:** Contact GBNERR and USFWS for guidance. Possible shallow draft skimming.





Name: Chevron Refinery

Site ID:

MOB-R7

Site Description:

**GEOSPATIAL INFORMATION**

Latitude (DMS): 30° 20' 36.041" N

Longitude (DMS): 88° 29' 30.851" W

Latitude (DD): 30.34334471

Longitude (DD): -88.49190308

Physical Address: 250 Industrial Rd

City: Pascagoula

State: Mississippi

Zip Code 39581

County: Jackson

**CONTACT INFORMATION**

Contacts: (228) 938-4600

**RISK INFORMATION**

Facility Type:

Types of Oil:

Most Probable Risk

Maximum Risk:

Worst Case Discharge:

