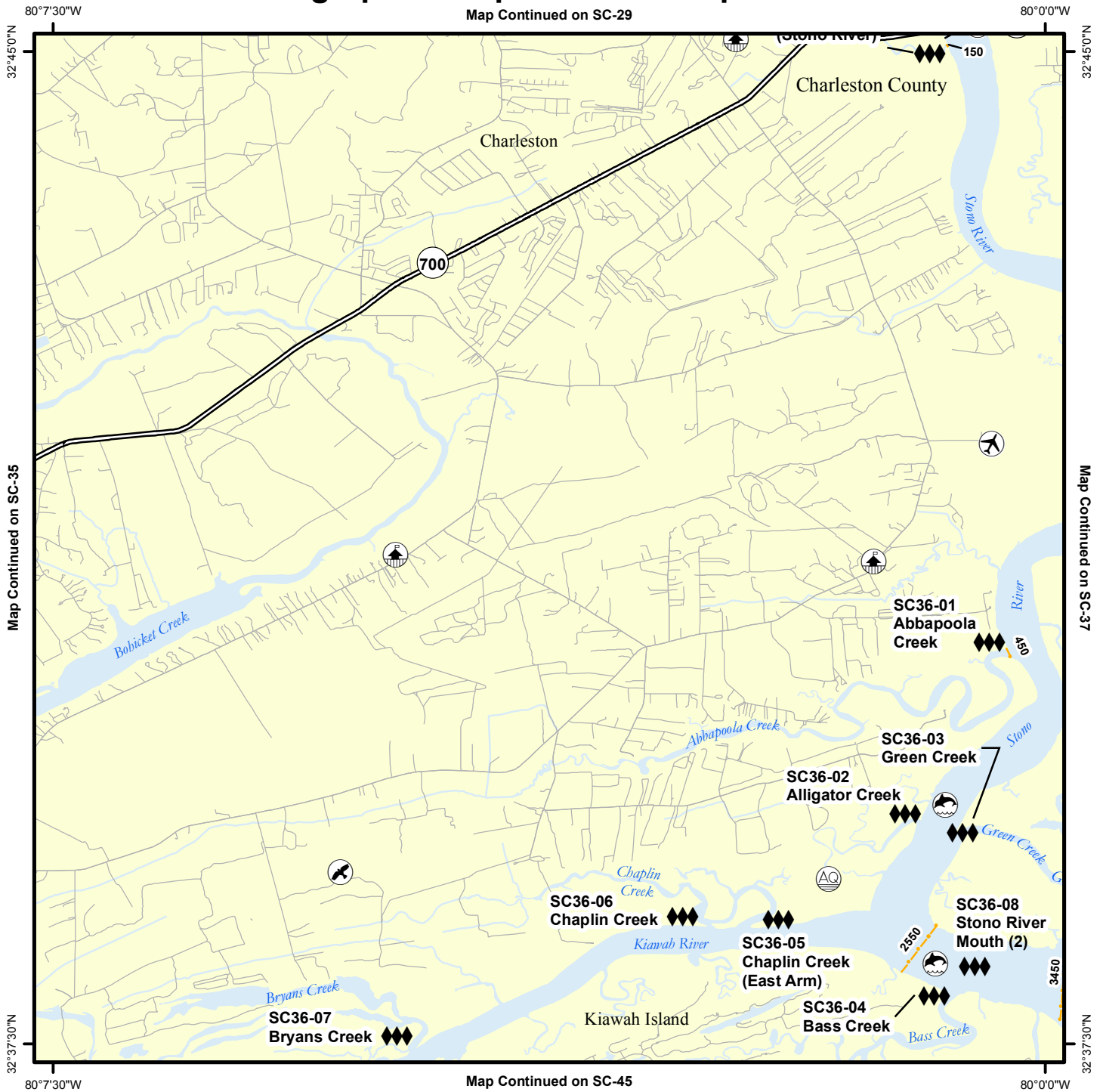


# Geographic Response Plan Map: SC-36

Map Continued on SC-29



## Legend

### Environmentally Sensitive Areas Protection Priority - Summer

- ◆◆◆ A - Protect First - Highest Priority
- ◆◆ B - Protect after A Areas - Medium Priority
- ◆ C - Protect after B Areas - Lower Priority
- ▲ Collection Point
- ▼ Skimmer
- Ⓢ Staging Areas
- Ⓡ Oil Spill Risk Locations
- ⓔ Equipment Storage Locations
- ⚓ Port Facilities
- General Booming Strategy (Length in Ft)
- ▬ State Managed Area Boundary
- ▬ Federal Managed Area Boundary
- ▬ County Boundary/State Waters
- ▬ US Coast Guard Sector AOR

### Bio-SocEcon

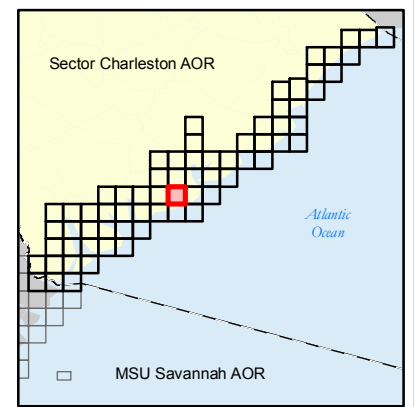
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- Ⓢ Coast Guard
- Ⓢ Commercial Fishing
- Ⓢ Diving birds Nesting Area
- Ⓢ Dolphins
- Ⓢ Gull/Tern Nesting Area
- Ⓢ Historical Site
- Ⓢ Manatees
- Ⓢ Marina
- Ⓢ Raptor Nesting Area
- Ⓢ Recreational Fishing
- Ⓢ Sea Turtles
- Ⓢ Shorebird Nesting Area
- Ⓢ Wading birds Nesting Area
- Ⓢ Water Intake
- Ⓢ Water Quality
- Ⓢ Waterfowl Management Area
- Ⓢ Whales
- Ⓢ Wildlife Management Area/Refuge



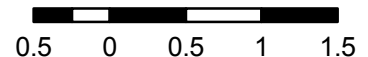
US Coast Guard  
Sector Charleston



Fish and Wildlife  
Research Institute



Miles



Name: Abbapoola Creek

Site ID:

SC36-01

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 40' 27.077" N

Longitude (DMS): 80° 0' 22.435" W

County: Charleston

Latitude (DD): 32.67418829

Longitude (DD): -80.00623247

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDNR (800)922-5431; SCDHEC (888)481-0125

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Salt and brackish water marshes, sheltered tidal flats/oyster beds, sheltered solid man-made structures, scarps and steep slopes in sand**Habitat:** Highly sensitive salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** None reported**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Sol Legare Landing**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 450'**Boom Type:****Booming Method:** Deflection,  
Protection/Exclusion**Protection Strategy:** 450' - divert away from creek mouth or cover entrance to creek.

**GRP - Oil Spill Sensitive Site Report for Sector : Charleston****GRP Map #****SC-36****Name:** Alligator Creek**Site ID:****SC36-02****Protection Priority (Season):****Spring:** **Summer:** **Fall:** **Winter:** **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 39' 11.819" N**Longitude (DMS):** 80° 0' 59.961" W**County:** Charleston**Latitude (DD):** 32.65328259**Longitude (DD):** -80.01665620**SCAT Division:** Charleston County Division 3**ESI Map:** SC - 36**ESI Name:** Legareville, SC**NOAA Chart:** 11522\_1**CHART Name:** STONO AND NORTH EDISTO RIVERS**USGS Quad:** 32080-F1**QUAD Name:** Legareville**Managed Area (if applicable):****General Location:****CONTACT INFORMATION****Contacts:** SCDNR (800)922-5431; SCDHEC (888)481-0125**RESOURCES AT RISK INFORMATION****Shoreline Type:** Salt and brackish water marshes**Habitat:** Highly sensitive salt and brackish water marshes**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter, Atlantic Littleneck Clam Farm**Threaten/Endangered Species:** None reported**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Sol Legare Landing**Collection Points:****Area Access:****Spill Risk:****Response Resources:****PROTECTION STRATEGY INFORMATION****Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:** No Information Provided**Protection Strategy:**

**GRP - Oil Spill Sensitive Site Report for Sector : Charleston****GRP Map #****SC-36****Name:** Green Creek**Site ID:****SC36-03****Protection Priority (Season):****Spring:****Summer:****Fall:****Winter:****Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 39' 8.539" N**Longitude (DMS):** 80° 0' 35.607" W**County:** Charleston**Latitude (DD):** 32.65237165**Longitude (DD):** -80.00989070**SCAT Division:** Charleston County Division 3**ESI Map:** SC - 36**ESI Name:** Legareville, SC**NOAA Chart:** 11522\_1**CHART Name:** STONO AND NORTH EDISTO RIVERS**USGS Quad:** 32080-F1**QUAD Name:** Legareville**Managed Area (if applicable):****General Location:****CONTACT INFORMATION****Contacts:** SCDHEC (888)481-0125; SCDNR (800)922-5431**RESOURCES AT RISK INFORMATION****Shoreline Type:** Salt and brackish water marshes**Habitat:** Salt and brackish water marshes**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:****Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Sol Legare Landing**Collection Points:****Area Access:****Spill Risk:****Response Resources:****PROTECTION STRATEGY INFORMATION****Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:** No Information Provided**Protection Strategy:**

Name: Bass Creek

Site ID:

SC36-04

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 37' 51.815" N

Longitude (DMS): 80° 0' 44.963" W

County: Charleston

Latitude (DD): 32.63106006

Longitude (DD): -80.01249037

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes

Habitat: Salt and brackish water marshes, freshwater swamps (woody vegetation)

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, American oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species:

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Sol Legare Landing, Folly Beach Public Boat Landing

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method: No Information Provided

Protection Strategy:



Name: Chaplin Creek (East Arm)

Site ID:

SC36-05

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 24.835" N

Longitude (DMS): 80° 2' 15.126" W

County: Charleston

Latitude (DD): 32.64023188

Longitude (DD): -80.03753540

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes

Habitat: Salt and brackish water marshes

**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Quahog spp., Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species:

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Sol Legare Landing, Folly Beach Public Boat Landing

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method: No Information Provided

Protection Strategy:



Name: Chaplin Creek

Site ID:

SC36-06

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 25.389" N

Longitude (DMS): 80° 2' 35.002" W

County: Charleston

Latitude (DD): 32.64038572

Longitude (DD): -80.04305551

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts:

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats/oyster beds

Habitat: Salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, rays, Blacktip shark, Bluefish, Crevalle jack, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species:

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Sol Legare Landing; Folly Beach Public Boat Landing

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method: No Information Provided

Protection Strategy:



Name: Bryans Creek

Site ID:

SC36-07

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 37' 31.912" N

Longitude (DMS): 80° 4' 45.109" W

County: Charleston

Latitude (DD): 32.62553074

Longitude (DD): -80.07919700

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, tidal flats/oyster beds

Habitat: Salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Bald eagle, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, sharks, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, Spanish mackerel, Tarpon, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species:

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Mingo Point boat ramp, Sol Legare Landing, Kiawah River boat ramps

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method: No Information Provided

Protection Strategy:





Name: Stono River Mouth (2)

Site ID:

SC36-08

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 5.150" N

Longitude (DMS): 80° 0' 36.994" W

County: Charleston

Latitude (DD): 32.63476413

Longitude (DD): -80.01027648

SCAT Division: Charleston County Division 3

ESI Map: SC - 36

ESI Name: Legareville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-F1

QUAD Name: Legareville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

Contacts: SCDNR (800)922-5431; SCDHEC (888)481-0125

## RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel (shell) beaches, scarps and steep slopes in sand, sheltered tidal flats/oyster beds

Habitat: Highly sensitive salt and brackish water marshes, sheltered tidal flats/oyster beds

Wildlife: Black &amp; Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Crevalle jack, rays, Seatrout, sharks, Southern flounder, Spanish mackerel, Tarpon, Red drum, Spot, Spotted seatrout, Striped mullet, American oyster, Bottlenose dolphin

Threaten/Endangered Species: Least tern, Piping plover

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Sol Legare Landing, Folly Beach Public Boat Landing, Kiawah River boat ramp

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2550

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 2550' of boom to protect river - boom from Kiawah Island to SW corner of Snake Island.

