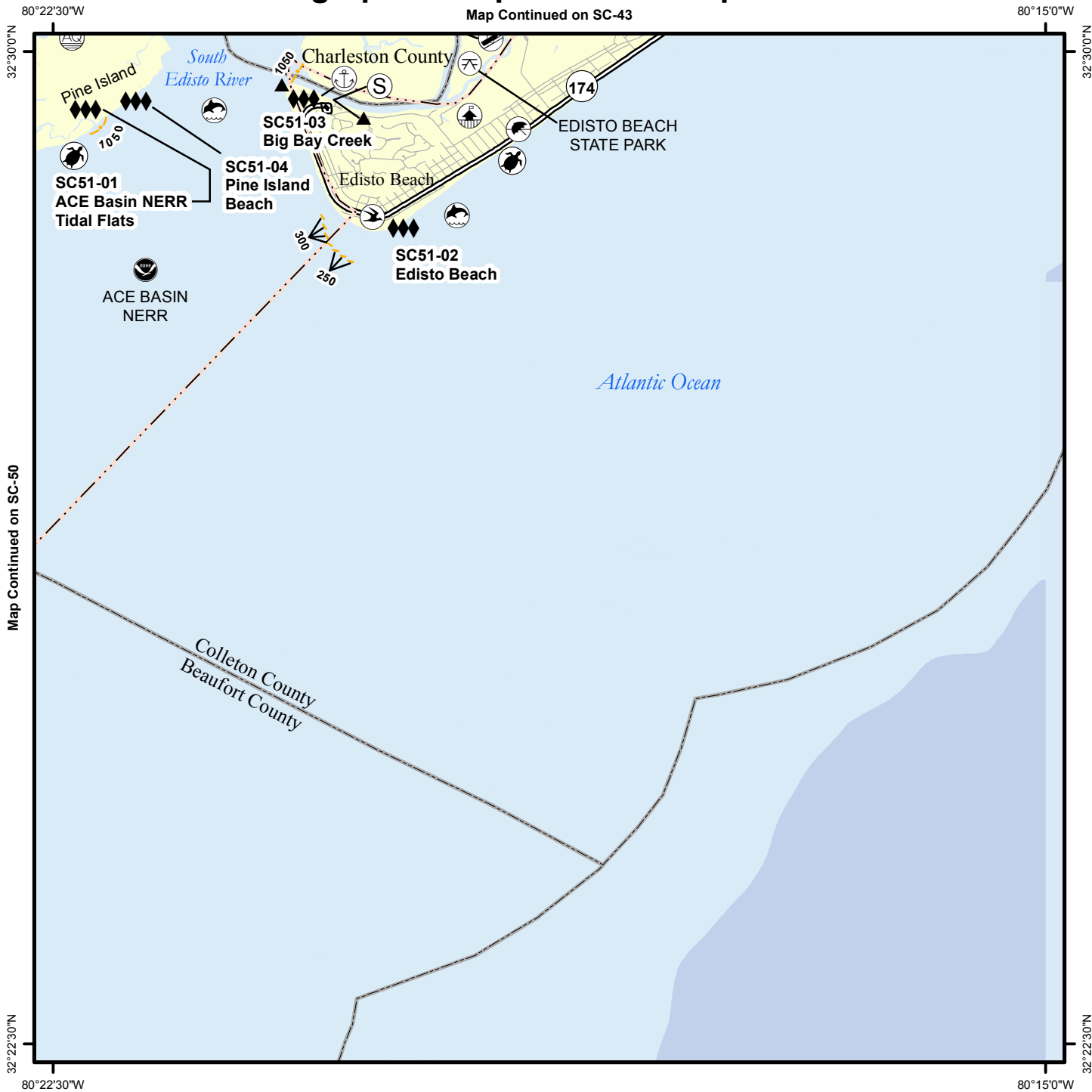


# Geographic Response Plan Map: SC-51

Map Continued on SC-43



## 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
- (S) Staging Areas
- (R) Oil Spill Risk Locations
- (E) 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

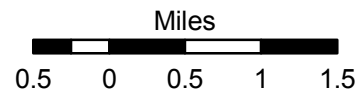
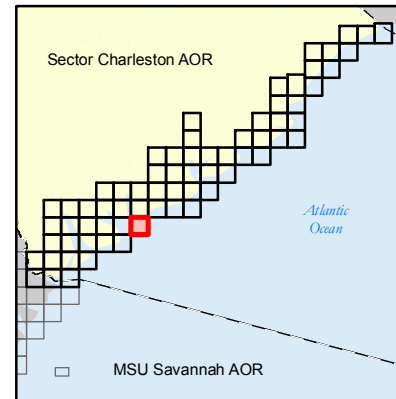
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBNA) Diving birds Nesting Area
- (DOL) Dolphins
- (GTNA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA) Shorebird Nesting Area
- (WBN) Wading birds Nesting Area
- (WI) Water Intake
- (WQ) Water Quality
- (WMA) Waterfowl Management Area
- (WHA) Whales
- (WMA/REF) Wildlife Management Area/Refuge



US Coast Guard  
Sector Charleston



Fish and Wildlife  
Research Institute



Name: ACE Basin NERR Tidal Flats

Site ID:

SC51-01

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 29' 25.944" N

Longitude (DMS): 80° 22' 7.049" W

County: Colleton

Latitude (DD): 32.49054043

Longitude (DD): -80.36862519

SCAT Division: Colleton County Division 1

ESI Map: SC - 51

ESI Name: Edisto Beach, SC

NOAA Chart: 11517\_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D3

QUAD Name: Edisto Beach

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, fine-grained sand beaches, exposed tidal flats

Habitat: Exposed tidal flats, salt and brackish water marshes, research reserve

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, Am. oystercatcher, Least tern, Peep, Piping plover, Willet, Wilson's plover, rays, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, Seatrout, So. flounder, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Bottlenose dolphin, Loggerhead sea turtle, shellfish, terrestrial mammals

Threaten/Endangered Species: Least Tern, Piping Plover, Wilsons Plover, Loggerhead sea turtle, Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Edisto Beach State Park, Edisto Marina

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1050

Boom Type:

Booming Method: Protect/Exclusion

Protection Strategy: 1050' boom across inlet of ACE Basin National Estuarine Research Reserve (NERR)



Name: Edisto Beach

Site ID:

SC51-02

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 28' 40.349" N

Longitude (DMS): 80° 19' 51.142"

County: Colleton

Latitude (DD): 32.47787521

Longitude (DD): -80.33087295

SCAT Division: Colleton County Division 1

ESI Map: SC - 51

ESI Name: Edisto Beach, SC

NOAA Chart: 11517\_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D3

QUAD Name: Edisto Beach

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Medium to coarse-grained sand beaches, exposed riprap structures, fine-grained sand beaches

Habitat: Sand beaches, Research Reserve

Wildlife: Least tern, Black & Surf scoter, Common goldeneye, Oldsquaw, Alt. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, rays, Seatrout, sharks, Southern flounder, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Red drum, Shortnose sturgeon, Florida pompano, Gulf kingfish, skates, Southern kingfish, Spiny dogfish, Loggerhead sea turtle, Bottlenose dolphin

Threaten/Endangered Species: Loggerhead sea turtle, Least tern, Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Edisto Beach State Park, Edisto Marina

Collection Points:

Area Access:

Spill Risk:

Response Resources:

## PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection: Hard

Min. Boom Length (FT): 1950

Boom Type:

Booming Method: Deflection

Protection Strategy: 4 x 300' and 3 x 250' boom segments cascading away from beach down to Edisto River



**GRP - Oil Spill Sensitive Site Report for Sector : Charleston****GRP Map #****SC-51****Name:** Big Bay Creek**Site ID:****SC51-03****Protection Priority (Season):** Spring:  Summer:  Fall:  Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 29' 47.058" N**Longitude (DMS):** 80° 20' 34.267"**County:** Charleston**Latitude (DD):** 32.49640495**Longitude (DD):** -80.34285156**SCAT Division:** Charleston County Division 4**ESI Map:** SC - 51**ESI Name:** Edisto Beach, SC**NOAA Chart:** 11517\_1**CHART Name:** ST HELENA SOUND**USGS Quad:** 32080-D3**QUAD Name:** Edisto Beach**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, sheltered solid man-made structures, fine-grained sand beaches**Habitat:** High sensitivity salt marsh both shorelines, fine-grained sand beaches, research reserve**Wildlife:** Ospreys, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Alt. sturgeon, Herring & shad, Shortnose sturgeon, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Edisto Beach State Park, Edisto Marina**Collection Points:****Area Access:** boat/helicopter/vehicle**Spill Risk:****Response Resources:****PROTECTION STRATEGY INFORMATION****Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1050**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 1050' Boom across mouth of Big Bay Creek

Name: Pine Island Beach

Site ID:

SC51-04

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 29' 37.813" N

Longitude (DMS): 80° 21'

County: Colleton

Latitude (DD): 32.49383722

Longitude (DD): 52.506

SCAT Division: Colleton County Division 1

ESI Map: SC - 51

ESI Name: Edisto Beach, SC

NOAA Chart: 11517\_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D3

QUAD Name: Edisto Beach

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Fine-grained sand beaches, exposed tidal flats

Habitat: Sandy Beach, salt and brackish water marshes, exposed tidal flats

Wildlife: Ospreys, diving birds, shorebirds, wading birds (feeding all seasons), gulls and terns, waterfowl, Bottlenose dolphin - all seasons, Estuarine finfish, crustaceans, shellfish - all seasons, Loggerhead sea turtle, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Loggerhead turtles - nesting, summer, Shortnose sturgeon, Least tern, Piping plover, Wilson's plover, possible West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Edisto Marina, Edisto Beach State Park

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: N/A

Protection Strategy: Boom and skimmer use is impractical. Possible options: offshore snares, open water boom to contain pockets of oil

