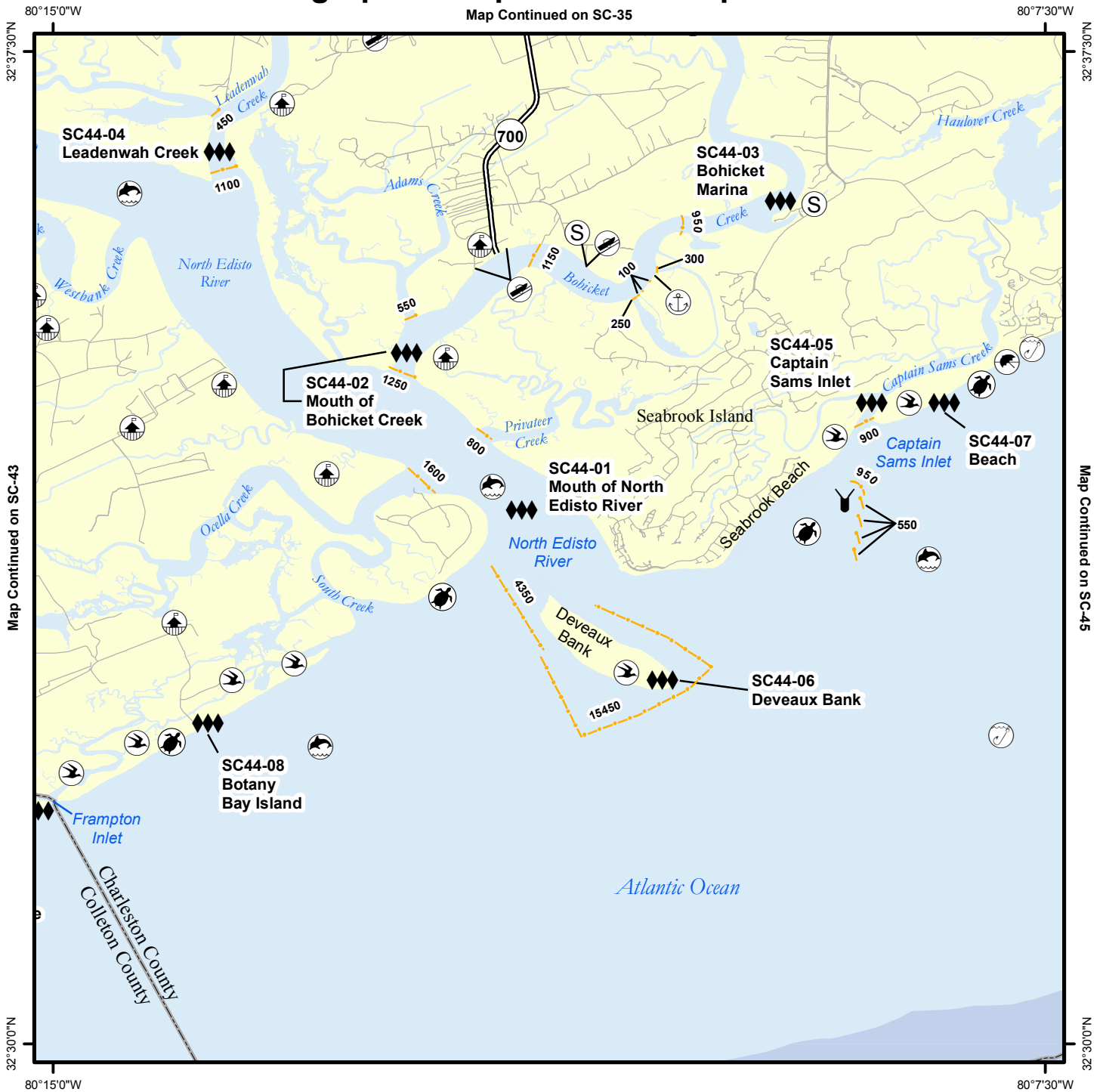


# Geographic Response Plan Map: SC-44

Map Continued on SC-35



## 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

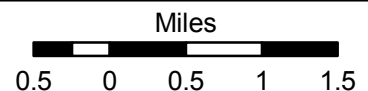
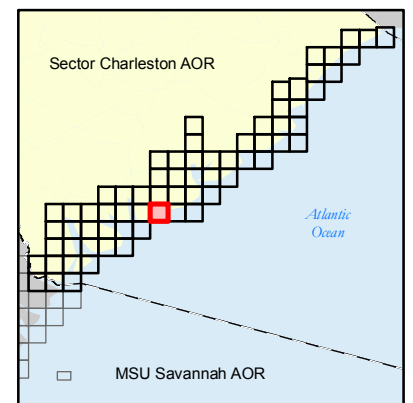
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- ⚓ Coast Guard
- ⚓ Commercial Fishing
- ⚓ Diving birds Nesting Area
- ⚓ Dolphins
- ⚓ Gull/Tern Nesting Area
- ⚓ Historical Site
- ⚓ Manatees
- ⚓ Marina
- 🦅 Raptor Nesting Area
- 🎣 Recreational Fishing
- 🐢 Sea Turtles
- 🐦 Shorebird Nesting Area
- 🐦 Wading birds Nesting Area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



US Coast Guard  
Sector Charleston



Fish and Wildlife  
Research Institute



Name: Mouth of North Edisto River

Site ID:

SC44-01

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 34' 2.405" N

Longitude (DMS): 80° 11' 27.539" W

County: Charleston

Latitude (DD): 32.56733502

Longitude (DD): -80.19098263

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Fine-grained sand beaches, salt and brackish water marshes, exposed tidal flats, exposed riprap structures

Habitat: Salt and brackish water marshes, exposed tidal flats

Wildlife: Wading birds, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Loggerhead sea turtle, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Bluefish, FL pompano, Gulf kingfish, rays, sharks, skates, Southern kingfish, Spiny dogfish, Atl. croaker, Atl. menhaden, Black & Red drum, Mummichog, Seatrout, So. & Summer flounder, Spot, Spotted seatrout, Striped mullet, Bluefish, Crevalle jack, Spanish mackerel, Tarpon

Threaten/Endangered Species: Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Cherry Point 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): 2400

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 1600' of boom across mouth of Ocella Creek and 800' for mouth of Privateer Creek.



Name: Mouth of Bohicket Creek

Site ID:

SC44-02

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 35' 11.363" N

Longitude (DMS): 80° 12' 19.814" W

County: Charleston

Latitude (DD): 32.58649024

Longitude (DD): -80.20550352

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Gravel (shell) beaches; Salt and brackish water marshes, sheltered tidal flats/oyster beds, sheltered solid man-made structures**Habitat:** Salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, rays, Black & Red drum, Mummichog, Seatrout, So. & Summer flounder, Spotted seatrout, Striped mullet, Blacktip shark, Bluefish, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Cherry Point 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):** 1800**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 1250' of boom across mouth of Bohicket Creek; 550' across Adams Creek.

Name: Bohicket Marina

Site ID:

SC44-03

Protection Priority (Season):

Spring: Summer: Fall: Winter: 

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 36' 19.688" N

Longitude (DMS): 80° 9' 26.140" W

County: Charleston

Latitude (DD): 32.60546920

Longitude (DD): -80.15726108

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

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, exposed riprap structures

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

Wildlife: Common, Hooded & Red-breasted merganser, Black & Wood duck, Clapper rail, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spotted seatrout, Spot, Striped mullet, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

## RESPONSE CONSIDERATIONS

Staging Area: Cherry Point 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): 2750

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 1150' of boom across creek downstream of marina and 950' upstream, 650' of boom for tributaries as depicted.



Name: Leadenwah Creek

Site ID:

SC44-04

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 36' 46.267" N

Longitude (DMS): 80° 13' 46.973" W

County: Charleston

Latitude (DD): 32.61285244

Longitude (DD): -80.22971461

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

**Shoreline Type:** Exposed riprap structures, sheltered tidal flats/oyster beds, salt and brackish water marshes, sheltered scarps in marsh/mud**Habitat:** Salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, shorebirds, wading birds, Hooded merganser, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern flounder, Spot, Spotted seatrout, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Private boat ramps on Leadenwah Creek**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):****Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1550**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 1100' across mouth of creek; 450' across tributary of Leadenwah Creek.

Name: Captain Sams Inlet

Site ID:

SC44-05

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

Site Description:

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 34' 31.775" N

Longitude (DMS): 80° 9' 02.955" W

County: Charleston

Latitude (DD): 32.575493

Longitude (DD): -80.150821

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

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 marsh, exposed tidal flats (sandy), fine-grained sand beaches, sheltered solid man-made structures, sheltered tidal flats/oyster beds**Habitat:** Salt and brackish water marsh, exposed tidal flats (sandy), sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Brown pelican, Double-crested cormorants, gulls, terns, Least tern, Wilson's plover, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Black & Red drum, Mummichog, Seatrout, Spot, Spotted seatrout, Striped mullet, Southern & Summer flounder, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Least tern, Wilson's plover, possible Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Mingo Point 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):** 900**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 900' of boom across mouth of inlet.

Name: Deveaux Bank

Site ID:

SC44-06

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

Site Description: Bird Sanctuary - bird nesting area and rest area

## GEOSPATIAL INFORMATION

Latitude (DMS): 32° 32' 38.986" N

Longitude (DMS): 80° 10' 39.155" W

County: Charleston

Latitude (DD): 32.54416339

Longitude (DD): -80.17754309

SCAT Division: Charleston County Division 4

ESI Map: SC - 44

ESI Name: Rockville, SC

NOAA Chart: 11522\_1

CHART Name: STONO AND NORTH EDISTO RIVERS

USGS Quad: 32080-E2

QUAD Name: Rockville

Managed Area (if applicable):

General Location:

## CONTACT INFORMATION

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

## RESOURCES AT RISK INFORMATION

Shoreline Type: Exposed tidal flats (sandy), sand beaches

Habitat: Exposed tidal flats (sandy)

**Wildlife:** Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Am. oystercatcher, Black skimmer, Brown pelican, Double-crested cormorant, Gull-billed tern, gulls, Laughing gull, Least tern, Piping plover, Royal & Sandwich tern, terns, wading birds, Snowy egret, Tricolored heron, Bottlenose dolphin, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, rays, Seatrout, sharks, Southern flounder, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon

**Threaten/Endangered Species:** Least tern, Piping plover, Shortnose sturgeon, Loggerhead sea turtle**Socio-Economic Resources:**

## RESPONSE CONSIDERATIONS

**Staging Area:** Cherry Point Boat Landing**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

## PROTECTION STRATEGY INFORMATION

**Tidal Range (FT):** 6-9**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):** 19,800**Boom Type:** Hard, Sorbent**Booming Method:** Protection/Exclusion, Ensnarement

**Protection Strategy:** Protect beach/shoreline with sorbent boom and 15,450' of hard boom as depicted. Stage noise cannon on island. Additional 4350' of hard boom to protect inlet on back of bank.



**GRP - Oil Spill Sensitive Site Report for Sector : Charleston****GRP Map #****SC-44****Name:** Beach**Site ID:****SC44-07****Protection Priority (Season):****Spring:** **Summer:** **Fall:** **Winter:** **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 34' 44.116" N**Longitude (DMS):** 80° 8' 17.343" W**County:** Charleston**Latitude (DD):** 32.57892084**Longitude (DD):** -80.13815131**SCAT Division:** Charleston County Division 4**ESI Map:** SC - 44**ESI Name:** Rockville, SC**NOAA Chart:** 11522\_1**CHART Name:** STONO AND NORTH EDISTO RIVERS**USGS Quad:** 32080-E2**QUAD Name:** Rockville**Managed Area (if applicable):****General Location:****CONTACT INFORMATION****Contacts:** SCDNR (800)922-5431; SCDHEC (888)481-0125**RESOURCES AT RISK INFORMATION****Shoreline Type:** Exposed tidal flats, fined-grained sand beaches**Habitat:** Exposed tidal flats, fine-grained sand beaches**Wildlife:** Brown pelican, Double-crested cormorant, gulls, terns, wading birds, Bluefish, Florida pompano, Gulf kingfish, rays, Red drum, sharks, skates, Southern kingfish, Spiny dogfish, Loggerhead sea turtle, Bottlenose dolphin**Threaten/Endangered Species:** Least tern, Wilson's plover, Loggerhead sea turtle**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Mingo Point 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):** 3150**Boom Type:****Booming Method:** Containment, Deflection**Protection Strategy:** 4 - 550' sections cascading to 950' of collection boom just south of Captain Sams Inlet.



**GRP - Oil Spill Sensitive Site Report for Sector : Charleston****GRP Map #****SC-44****Name:** Botany Bay Island**Site ID:****SC44-08****Protection Priority (Season):** Spring:  Summer:  Fall:  Winter: **Site Description:** Turtle Nesting Beach**GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 32' 33.878" N**Longitude (DMS):** 80° 13' 52.388" W**County:** Charleston**Latitude (DD):** 32.54274411**Longitude (DD):** -80.23121920**SCAT Division:** Charleston County Division 4**ESI Map:** SC - 44**ESI Name:** Rockville, SC**NOAA Chart:** 11522\_1**CHART Name:** STONO AND NORTH EDISTO RIVERS**USGS Quad:** 32080-E2**QUAD Name:** Rockville**Managed Area (if applicable):****General Location:****CONTACT INFORMATION****Contacts:** SCDNR (800)922-5431; SCDHEC (888)481-0125**RESOURCES AT RISK INFORMATION****Shoreline Type:** Fine grained sand beaches, scarps and steep slopes in sand**Habitat:****Wildlife:** Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Least tern, Bluefish, FL pompano, Gulf & Southern kingfish, rays, Red drum, sharks, skates, Spiny dogfish, Bottlenose dolphin, Loggerhead sea turtle**Threaten/Endangered Species:** Least tern, Loggerhead sea turtle**Socio-Economic Resources:** Tourist area**RESPONSE CONSIDERATIONS****Staging Area:** Wilkerson's Landing inside Frampton Inlet**Collection Points:****Area Access:****Spill Risk:****Response Resources:****PROTECTION STRATEGY INFORMATION****Tidal Range (FT):** 6-9**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):****Boom Type:****Booming Method:** N/A**Protection Strategy:** Boom not practical - shallow water