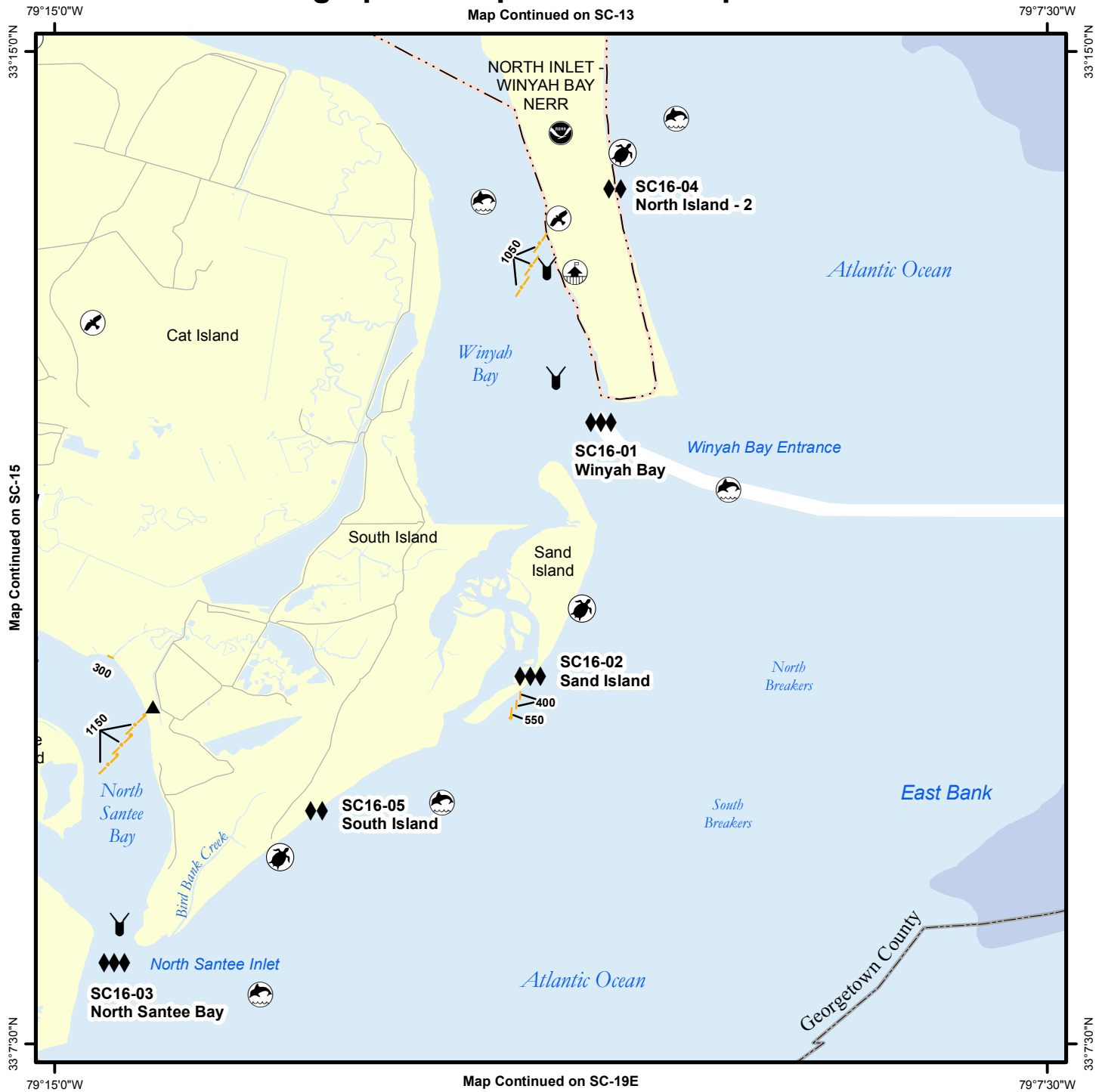


Geographic Response Plan Map: SC-16

Map Continued on SC-13



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

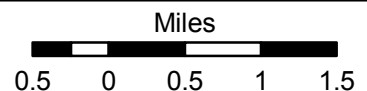
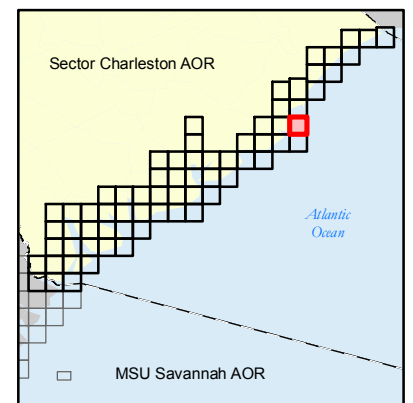
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- Ⓢ Coast Guard
- Ⓢ Commercial Fishing
- Ⓢ Diving birds Nesting Area
- Ⓢ Dolphins
- Ⓢ Gull/Tern Nesting Area
- Ⓢ Historical Site
- Ⓢ Manatees
- Ⓢ Marina
- Ⓢ Raptor Nesting Area
- Ⓢ Recreational Fishing
- Ⓢ Sea Turtles
- Ⓢ Shorebird Nesting Area
- Ⓢ Wading birds Nesting Area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



US Coast Guard
Sector Charleston



Fish and Wildlife
Research Institute



Name: Winyah Bay

Site ID:

SC16-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 33° 12' 11.915" N

Longitude (DMS): 79° 10' 52.463"

County: Georgetown

Latitude (DD): 33.20330982

Longitude (DD): -79.18123980

SCAT Division: Georgetown County Division 2

ESI Map: SC - 16

ESI Name: Santee Point, SC

NOAA Chart: 11532_1

CHART Name: WINYAH BAY

USGS Quad: 33079-B2

QUAD Name: Santee Point

Managed Area (if applicable): SC Department of Natural Resources

General Location: Inlet and Bay

CONTACT INFORMATION

Contacts: See all state contacts list

RESOURCES AT RISK INFORMATION

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

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

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, wading birds, Brown pelican, Double-crested cormorant, Gulls, Terns, Red drum, Southern flounder, Spot, Spotted seatrout, Striped mullet, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, Rays, Seatrout, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Black drum, Mummichog, Summer flounder, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp

Threaten/Endangered Species: Bald eagle, Loggerhead sea turtle, Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Boat ramp on Yankee Way S Near Western Channel

Collection Points:

Area Access: Boat ramp on Yankee Way S Near Western Channel

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 3600

Boom Type:

Booming Method: Deflection

Protection Strategy: Deploy 3 sets of deflection boom (1200' each) to channel oil to the shoreline. Recover oil with skimmer and floating banner. Use shallow water skimmer in inlet



Name: Sand Island

Site ID:

SC16-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 33° 10' 11.420" N

Longitude (DMS): 79° 11' 34.752"

County: Georgetown

Latitude (DD): 33.16983896

Longitude (DD): -79.19298666

SCAT Division: Georgetown County Division 2

ESI Map: SC - 16

ESI Name: Santee Point, SC

NOAA Chart: 11532_1

CHART Name: WINYAH BAY

USGS Quad: 33079-B2

QUAD Name: Santee Point

Managed Area (if applicable): SC Department of Natural Resources

General Location: Small Tidal Inlet and Marsh

CONTACT INFORMATION

Contacts: Wildlife Center Heritage Preserve 803-734-3886

RESOURCES AT RISK INFORMATION

Shoreline Type: Fine-grained sand beaches, salt and brackish water marshes, wave-cut mud platforms

Habitat: Exposed tidal flats, fine-grained sand beaches, salt and brackish water marshes

Wildlife: Wading birds, shorebirds, waterfowl, diving birds, various fish species, Bottlenose dolphin, Loggerhead sea turtle, American oyster, Penaeid shrimp, Blue crab

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Boat ramp on Yankee Way S near Western Channel

Collection Points:

Area Access: Boat ramp on Yankee Way S near Western Channel

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1200

Boom Type:

Booming Method: Deflection

Protection Strategy: Set 3 sections of deflection boom - 400' per section



Name: North Santee Bay

Site ID:

SC16-03

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 33° 8' 7.049" N

Longitude (DMS): 79° 14' 33.085"

County: Georgetown

Latitude (DD): 33.13529141

Longitude (DD): -79.24252373

SCAT Division: Georgetown County Division 2

ESI Map: SC - 16

ESI Name: Santee Point, SC

NOAA Chart: 11532_1

CHART Name: WINYAH BAY

USGS Quad: 33079-B2

QUAD Name: Santee Point

Managed Area (if applicable): SC Department of Natural Resources

General Location: Wildlife Management Area, including two islands

CONTACT INFORMATION

Contacts: Santee Coastal Reserve 843-546-8665; See all state contacts list

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, fine-grained sand beaches, exposed tidal flats

Habitat: Salt and brackish water marshes, exposed tidal flats, freshwater marshes (herbaceous vegetation)

Wildlife: Black scoter, Bufflehead, Common goldeneye, Surf scoter, wading birds, American avocet, Black-bellied plover, Black-necked stilt, Dowitcher, Dunlin, Greater & Lesser yellowlegs, Killdeer, Marbled godwit, Peep, Ruddy turnstone, Bottlenose dolphin, Semipalmated & Spotted sandpiper, various fish species, Loggerhead sea turtle, American oyster, Blue crab, Penaeid shrimp, Quahog spp.

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Boat ramp on Yankee Way S near Western Channel

Collection Points:

Area Access: Boat ramp on Yankee Way S near Western Channel

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 3500

Boom Type:

Booming Method: Deflection,
Protection/Exclusion

Protection Strategy: Use shallow water skimming system near mouth of inlet to recover oil. Set three sets of deflection boom (1150' per section) to channel oil to shoreline. Protect tidal creek with approx. 300' of boom - north side of Santee bay



Name: North Island - 2

Site ID:

SC16-04

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

Site Description: Turtle Nesting Beach

GEOSPATIAL INFORMATION

Latitude (DMS): 33° 13' 58.079" N

Longitude (DMS): 79° 10' 46.013"

County: Georgetown

Latitude (DD): 33.23279969

Longitude (DD): -79.17944792

SCAT Division: Georgetown County Division 2

ESI Map: SC - 16

ESI Name: Santee Point, SC

NOAA Chart: 11532_1

CHART Name: WINYAH BAY

USGS Quad: 33079-B2

QUAD Name: Santee Point

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDNR (Coordinator) 843-953-9016

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, Common & Red-throated loon, Bluefish, FL pompano, Gulf & Southern kingfish, rays, Red drum, sharks, skates, Spanish mackerel, Spiny dogfish, Spot, Striped mullet, Tarpon, Loggerhead sea turtle, Bottlenose dolphin

Threaten/Endangered Species: Loggerhead sea turtle

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Georgetown

Collection Points: N/A

Area Access: boat/helicopter

Spill Risk:

Response Resources: Contractor

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



Name: South Island

Site ID:

SC16-05

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

Site Description: Turtle Nesting Beach

GEOSPATIAL INFORMATION

Latitude (DMS): 33° 9' 15.780" N

Longitude (DMS): 79° 13' 1.353" W

County: Georgetown

Latitude (DD): 33.15438321

Longitude (DD): -79.21704245

SCAT Division: Georgetown County Division 2

ESI Map: SC - 16

ESI Name: Santee Point, SC

NOAA Chart: 11532_1

CHART Name: WINYAH BAY

USGS Quad: 33079-B2

QUAD Name: Santee Point

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDNR (Coordinator) 843-953-9016

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, Common & Red-throated loon, Bluefish, FL pompano, Gulf & Southern kingfish, rays, Red drum, sharks, skates, Spiny dogfish, Loggerhead sea turtle, Bottlenose dolphin

Threaten/Endangered Species: Loggerhead sea turtle

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Georgetown

Collection Points: N/A

Area Access: boat/helicopter

Spill Risk:

Response Resources: Contractor

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

