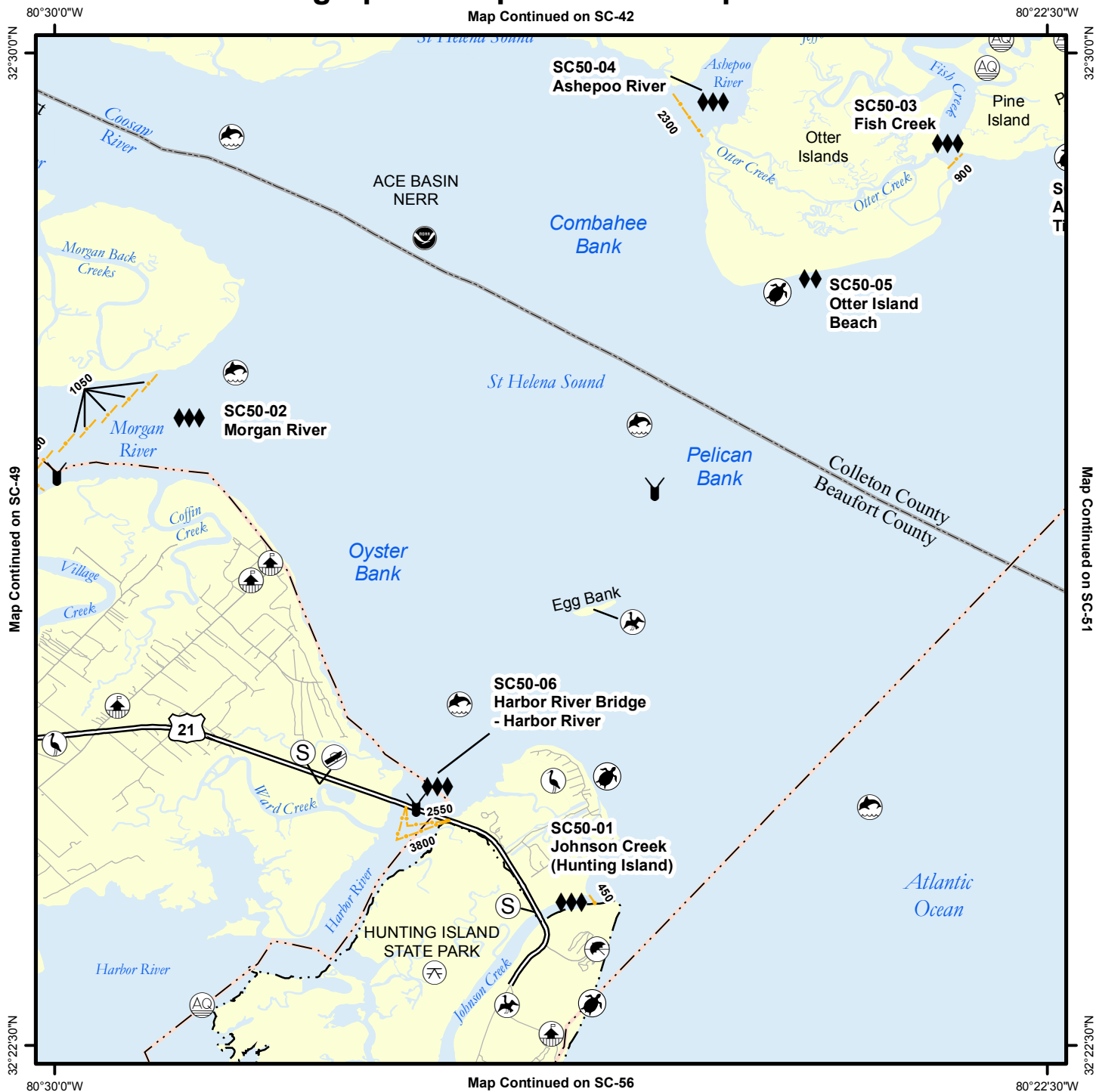


Geographic Response Plan Map: SC-50

Map Continued on SC-42



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

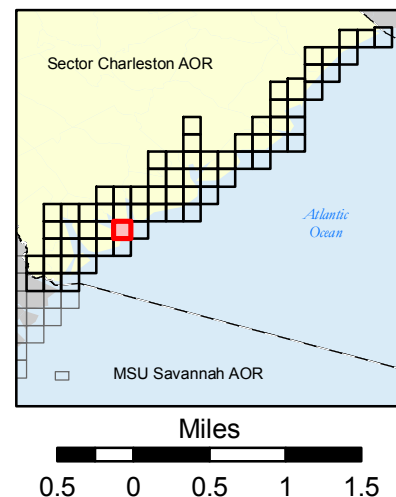
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA) 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: Johnson Creek (Hunting Island)

Site ID:

SC50-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 23' 35.217" N

Longitude (DMS): 80° 26' 3.310" W

County: Beaufort

Latitude (DD): 32.39311607

Longitude (DD): -80.43425277

SCAT Division: Beaufort County Division 1

ESI Map: SC - 50

ESI Name: St Helena Sound, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D4

QUAD Name: Saint Helena Sound

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDNR (800)922-5431; SCDHEC (888)481-0125; Hunting Island State Park (843)838-2011

RESOURCES AT RISK INFORMATION

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

Habitat: Highly sensitive salt and brackish water marshes

Wildlife: Diving birds, wading birds, shorebirds (feeding - all seasons), gulls and terns, waterfowl, various fish species, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Loggerhead sea turtle, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Loggerhead sea turtle, Least tern, Piping plover, Wilson's plover, Shortnose sturgeon, possible West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Butches Island boat ramp off Rt. 21

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: Protection/Exclusion

Protection Strategy: 450' barrier boom to protect Johnson Creek



GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-50****Name:** Morgan River**Site ID:****SC50-02****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 27' 14.681" N**Longitude (DMS):** 80° 28' 59.051"**County:** Beaufort**Latitude (DD):** 32.45407803**Longitude (DD):** -80.48306997**SCAT Division:** Beaufort County Division 1**ESI Map:** SC - 50**ESI Name:** St Helena Sound, SC**NOAA Chart:** 11518_5**CHART Name:** ICW CASINO CREEK-BEAUFORT RIVER SIDE B WW-VV**USGS Quad:** 32080-D4**QUAD Name:** Saint Helena Sound**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 (some), salt and brackish water marshes, sheltered tidal flats/oyster beds, exposed tidal flats, gravel (shell) beaches, scarps and steep slopes in sand, sheltered scarps in marsh/mud**Habitat:** Highly sensitive salt and brackish water marshes, exposed tidal flats, sheltered tidal flats/oyster beds**Wildlife:** Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, various fish species, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, River otter, Northern raccoon**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Dataw Island Marina 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):** 6300**Boom Type:****Booming Method:** Deflection**Protection Strategy:** 6 - 1050' sections of boom cascading to Village Creek for collection

Name: Fish Creek/Jefford Creek

Site ID:

SC50-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 29' 19.031" N

Longitude (DMS): 80° 23' 15.190"

County: Colleton

Latitude (DD): 32.48861972

Longitude (DD): -80.38755293

SCAT Division: Colleton County Division 1

ESI Map: SC - 50

ESI Name: St Helena Sound, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D4

QUAD Name: Saint Helena Sound

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, sheltered scarps in marsh/mud**Habitat:** Salt and brackish water marshes, flat sandy beaches, exposed tidal flats**Wildlife:** Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Clapper rail, Black & Wood duck, Hooded merganser, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, Am. oystercatcher, Least tern, Peep, Piping plover, Willet, Wilson's plover, various fish species, Bottlenose dolphins, Loggerhead sea turtle, Am. oyster, Blue crab, Penaeid shrimp, Quahog spp., Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Loggerhead sea turtles, Least tern, Piping plover, Wilson's plover, Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Edisto Marina 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' Protection/Exclusion boom at mouth of creek

GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-50****Name:** Ashepoo River**Site ID:****SC50-04****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 29' 42.076" N**Longitude (DMS):** 80° 24' 59.806"**County:** Colleton**Latitude (DD):** 32.49502083**Longitude (DD):** -80.41661260**SCAT Division:** Colleton County Division 1**ESI Map:** SC - 50**ESI Name:** St Helena Sound, SC**NOAA Chart:** 11518_5**CHART Name:** ICW CASINO CREEK-BEAUFORT RIVER SIDE B WW-VV**USGS Quad:** 32080-D4**QUAD Name:** Saint Helena Sound**Managed Area (if applicable):****General Location:****CONTACT INFORMATION****Contacts:** SCDNR (800)922-5431; SCDHEC (888)481-0125**RESOURCES AT RISK INFORMATION****Shoreline Type:** Sheltered tidal flats/oyster beds, salt and brackish water marshes, gravel (shell) beaches**Habitat:** Highly sensitive salt and brackish water marshes, sheltered tidal flats/oyster beds**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Am. wigeon, Blue & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Ring-necked duck, Redhead, Ruddy duck, various fish species, Bottlenose dolphin, American alligator, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Edisto Marina 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):** 2300**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** 2300' barrier boom to protect river

GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-50****Name:** Harbor River Bridge - Harbor River**Site ID:****SC50-06****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 24' 18.460" N**Longitude (DMS):** 80° 27' 8.773" W**County:** Beaufort**Latitude (DD):** 32.40512846**Longitude (DD):** -80.45243677**SCAT Division:** Beaufort County Division 1**ESI Map:** SC - 50**ESI Name:** St Helena Sound, SC**NOAA Chart:** 11517_1**CHART Name:** ST HELENA SOUND**USGS Quad:** 32080-D4**QUAD Name:** Saint Helena Sound**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 tidal flats/oyster beds, fine-grained sand beaches, gravel (shell) beaches**Habitat:** High sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds**Wildlife:** Ospreys, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, Least tern, various fish species, Blue crab, American oyster, Penaeid shrimp, Bottlenose dolphin, Loggerhead sea turtle, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, Least tern, Loggerhead sea turtle, possible West Indian manatee**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Butches Island boat ramp**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):** 6350**Boom Type:****Booming Method:** Deflection**Protection Strategy:** Containment boom impractical due to entrainment. Deflection boom deployed from Harbor Island Bridge - First section of boom 2550'. Second section of boom 3800'. Use skimmers to collect oil.

Name: Otter Island Beach

Site ID:

SC50-05

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

Site Description: Turtle Nesting Beach

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 28' 17.890" N

Longitude (DMS): 80° 24' 17.524"

County: Colleton

Latitude (DD): 32.47163605

Longitude (DD): -80.40486823

SCAT Division: Colleton County Division 1

ESI Map: SC - 50

ESI Name: St Helena Sound, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-D4

QUAD Name: Saint Helena Sound

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type:

Habitat:

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Brown pelican, Double-crested cormorant, gulls, terns, wading birds, Amer. oystercatcher, Peep, Piping plover, Willet, Wilson's plover, Least tern, Bluefish, FL pompano, rays, Red drum, Gulf & Southern kingfish, sharks, skates, Spiny dogfish, Bottlenose dolphin, Loggerhead sea turtle

Threaten/Endangered Species: Least tern, Piping plover, Wilson's plover, Loggerhead sea turtle**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Edisto Marina**Collection Points:****Area Access:** boat/helicopter**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