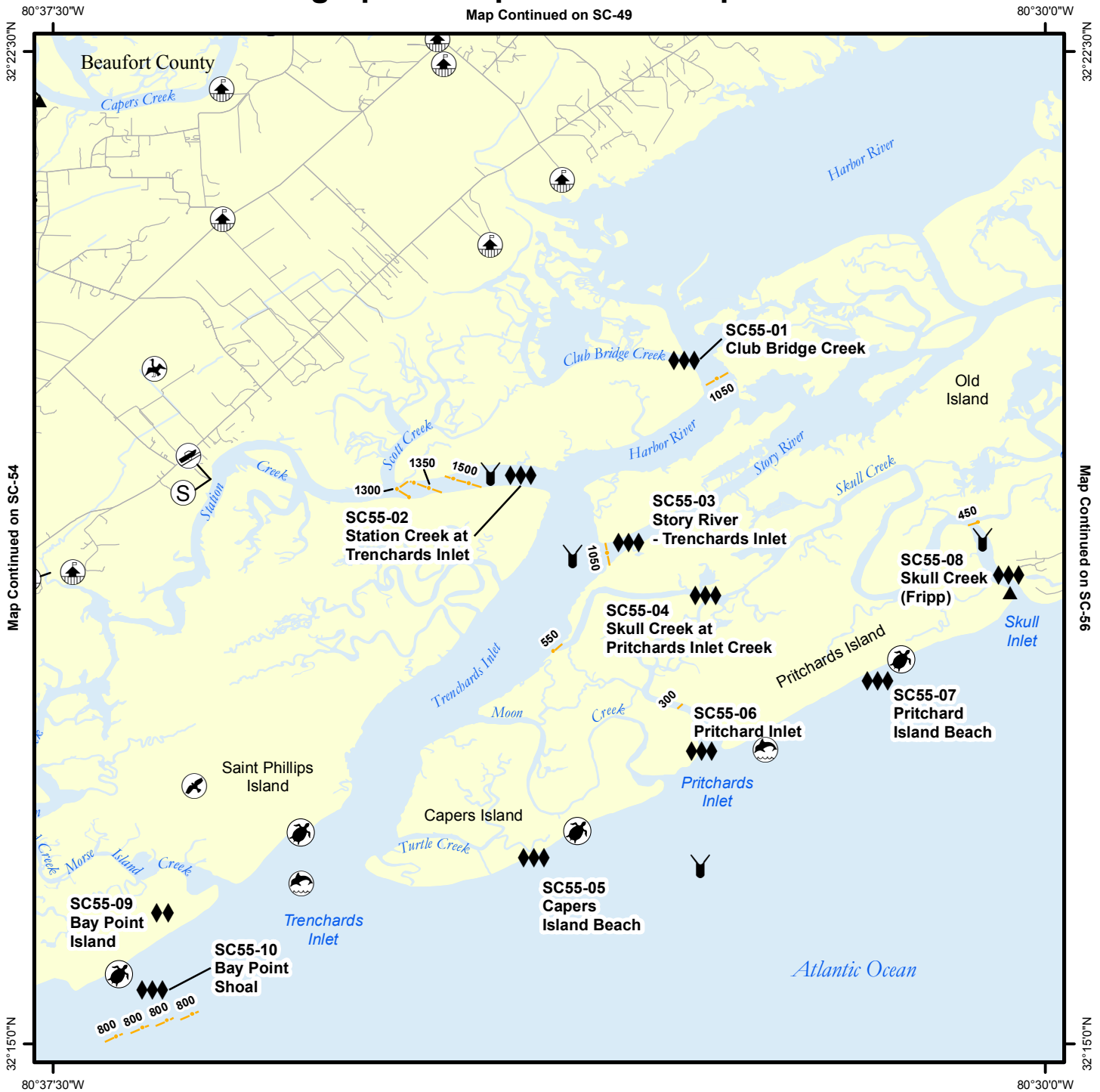


Geographic Response Plan Map: SC-55

Map Continued on SC-49



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

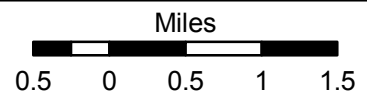
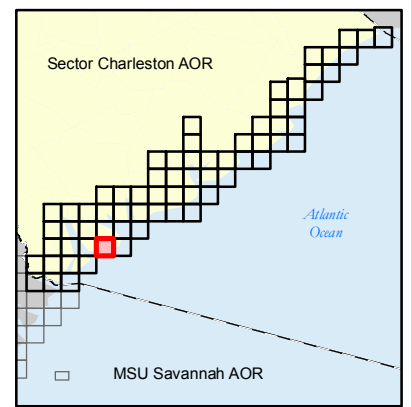
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC55-01

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 20' 10.190" N

Longitude (DMS): 80° 32' 43.753" W

County: Beaufort

Latitude (DD): 32.33616386

Longitude (DD): -80.54548678

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516

CHART Name: PORT ROYAL SOUND

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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

Habitat: High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds

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

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Station Creek Landing

Collection Points: No land surface collection points available

Area Access: boat/helicopter

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: Containment, Deflection

Protection Strategy: Boom the channel with 1050'



Name: Station Creek at Trenchards Inlet

Site ID:

SC55-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 19' 18.095" N

Longitude (DMS): 80° 33' 58.000" W

County: Beaufort

Latitude (DD): 32.32169348

Longitude (DD): -80.56611100

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125;

RESOURCES AT RISK INFORMATION

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

Habitat: High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, Anhinga, Black-crowned night heron, Cattle egret, Great egret, Green-backed heron, Little blue heron, Snowy egret, Tricolored heron, Atl. croaker, Atl. menhaden, Atl. stingray, Atl. sharpnose shark, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Station Creek Landing

Collection Points: None

Area Access: boat/helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 4150

Boom Type:

Booming Method: Containment, Deflection

Protection Strategy: Skimmers and deflection boom before where Station Creek and Scott Creek meet.



Name: Story River - Trenchards Inlet

Site ID:

SC55-03

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 18' 43.999" N

Longitude (DMS): 80° 33' 15.001" W

County: Beaufort

Latitude (DD): 32.31222199

Longitude (DD): -80.55416701

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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

Habitat: High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, American oystercatcher, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, American oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Station Creek Landing

Collection Points: At mouth of creek

Area Access: boat/helicopter

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: Containment, Deflection

Protection Strategy: Boom the channel with 1050'.



Name: Skull Creek at Pritchards Inlet Creek

Site ID:

SC55-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 18' 22.683" N

Longitude (DMS): 80° 32' 34.505" W

County: Beaufort

Latitude (DD): 32.30630052

Longitude (DD): -80.54291830

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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: High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds

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

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Station Creek Landing

Collection Points: No suitable collection points available

Area Access: boat/helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method:

Protection Strategy:



Name: Capers Island Beach

Site ID:

SC55-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 16' 36.717" N

Longitude (DMS): 80° 33' 56.322" W

County: Beaufort

Latitude (DD): 32.27686613

Longitude (DD): -80.56564473

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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, salt and brackish water marshes, exposed tidal flats, mixed sand and gravel (shell) beaches

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

Wildlife: Ospreys, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Am. oystercatcher, Black skimmer, Brown pelican, Double-crested cormorant, gulls, Least tern, terns, Wilson's plover, Am. oyster, Blue crab, Penaeid shrimp, various fish species, Loggerhead sea turtle, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area:

Collection Points: None

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:

Protection Strategy: Boom and skimmer use impractical, dispersant could be considered offshore.



Name: Pritchards Inlet

Site ID:

SC55-06

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 17' 13.009" N

Longitude (DMS): 80° 32' 35.876" W

County: Beaufort

Latitude (DD): 32.28694709

Longitude (DD): -80.54329937

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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 scarps in marsh/mud, fine-grained sand beaches, scarps and steep slopes in sand**Habitat:** High Sensitivity salt and brackish water marshes both shorelines, exposed tidal flats**Wildlife:** Ospreys, diving birds, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, various fish species, Am. oyster, Blue crab, Penaeid shrimp, Loggerhead sea turtle, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Loggerhead sea turtle nesting - summer, Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Station Creek Landing**Collection Points:** None**Area Access:** boat/helicopter**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 300**Boom Type:****Booming Method:** Containment**Protection Strategy:** Boom and skimmer use is impractical, dispersant use could be considered offshore. Possibly boom site upstream of mouth.

Name: Pritchards Island Beach

Site ID:

SC55-07

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 17' 44.999" N

Longitude (DMS): 80° 31' 16.000" W

County: Beaufort

Latitude (DD): 32.29583301

Longitude (DD): -80.52111100

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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

Habitat: Sandy Beach

Wildlife: Ospreys, diving birds, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, various fish species, Loggerhead sea turtle, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Loggerhead sea turtles nesting - summer, possible Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

Area Access: boat/helicopter

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method:

Protection Strategy: Boom and skimmer use is impractical, dispersant use could be considered offshore.



GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-55****Name: Skull Creek (Fripp)****Site ID:****SC55-08****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 18' 24.905" N**Longitude (DMS):** 80° 30' 17.227" W**County:** Beaufort**Latitude (DD):** 32.30691838**Longitude (DD):** -80.50478612**SCAT Division:** Beaufort County Division 1**ESI Map:** SC - 55**ESI Name:** St Phillips Island, SC**NOAA Chart:** 11517_1**CHART Name:** ST HELENA SOUND**USGS Quad:** 32080-C5**QUAD Name:** Saint Phillips Island**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, fine-grained sand beaches, sheltered scarps in marsh/mud**Habitat:** High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds, exposed tidal flats**Wildlife:** Ospreys, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Black duck, Clapper rail, shorebirds, wading birds, Brown pelican, Double-crested cormorant, gulls, terns, various fish species, Bottlenose dolphin, Loggerhead sea turtle, Blue crab, American oyster, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Loggerhead sea turtle, West Indian manatee, Shortnose sturgeon**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:****Collection Points:** At boom location upstream**Area Access:** helicopter/vehicle**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 Strategy:** Booming strategies impractical. Skimmer deployment dangerous due to breakers; Boom upstream with 450'.

Name: Bay Point Island

Site ID:

SC55-09

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

Site Description: Turtle Nesting Beach

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 15' 59.846" N

Longitude (DMS): 80° 36' 40.355" W

County: Beaufort

Latitude (DD): 32.26662357

Longitude (DD): -80.61120976

SCAT Division: Beaufort County Division 1

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDNR (800)922-5431; SCDHEC (888)481-1025

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, Brown pelican, Double-crested cormorant, gulls, terns, wading birds, Bluefish, FL pompano, Gulf & Southern kingfish, rays, Red drum, sharks, skates, Spiny dogfish, Bottlenose dolphin, Loggerhead sea turtle

Threaten/Endangered Species: Loggerhead sea turtle

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Port Royal boat ramp, Station Creek Landing

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 - shallow water



Name: Bay Point Shoal

Site ID:

SC55-10

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

Site Description: Seabird Sanctuary

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 15' 16.426" N

Longitude (DMS): 80° 36' 41.842" W

County: Beaufort

Latitude (DD): 32.25456313

Longitude (DD): -80.61162302

SCAT Division: Beaufort County Division 2

ESI Map: SC - 55

ESI Name: St Phillips Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C5

QUAD Name: Saint Phillips Island

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

Habitat: Exposed tidal flats

Wildlife: Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Brown pelican, Double-crested cormorant, gulls, terns, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Spot, Southern & Summer flounder, Spotted seatrout, Striped mullet, Amer. oyster, Blue crab, Penaeid shrimp

Threaten/Endangered Species:

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Port Royal boat ramp, Station Creek Landing

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): 3200

Boom Type:

Booming Method: Deflection

Protection Strategy: Divert with 3200' of .boom. Bank only visible at low tide (dependent on time of season).

