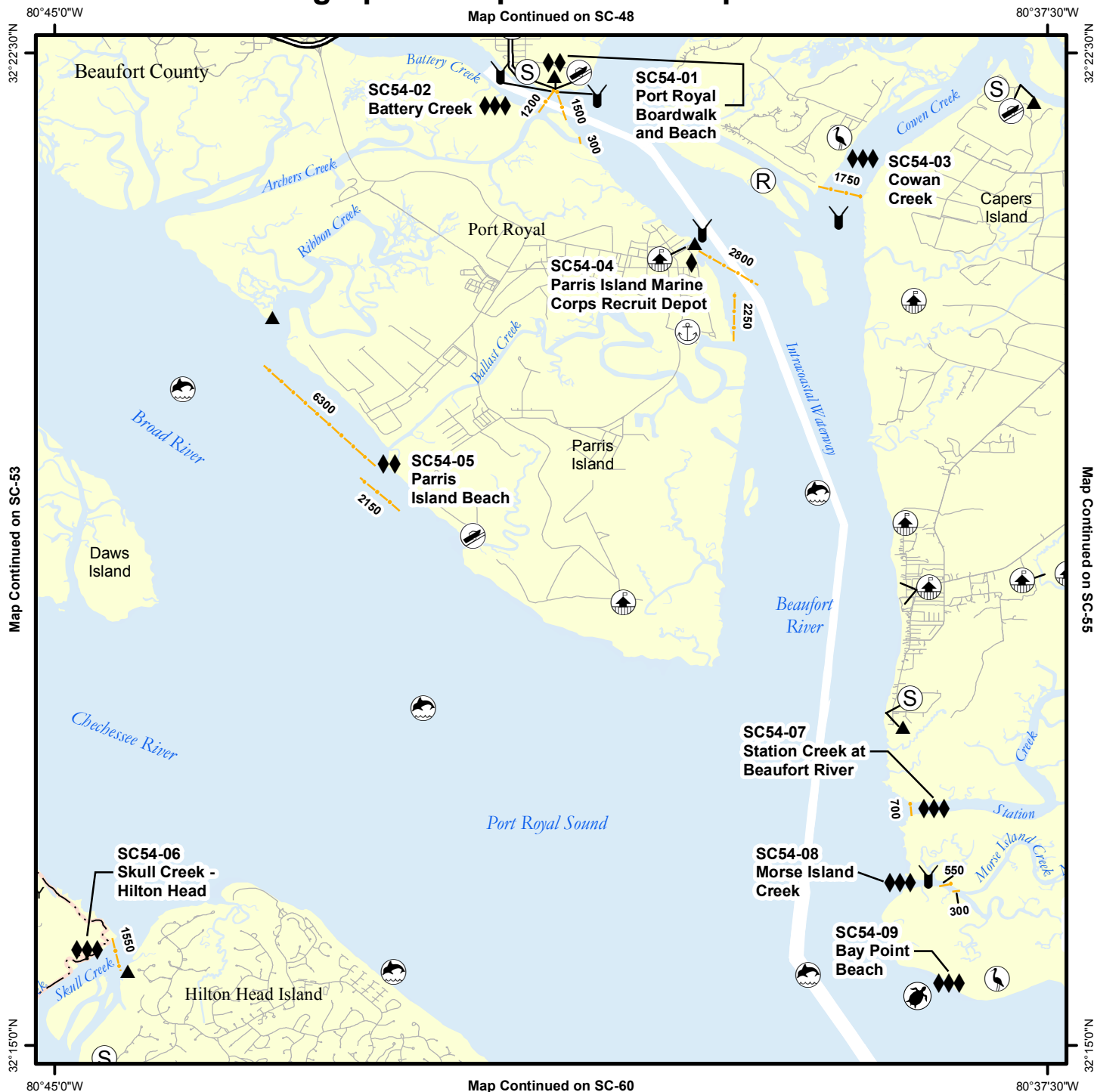


Geographic Response Plan Map: SC-54

Map Continued on SC-48



Map Continued on SC-53

Map Continued on SC-55

Map Continued on SC-60

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

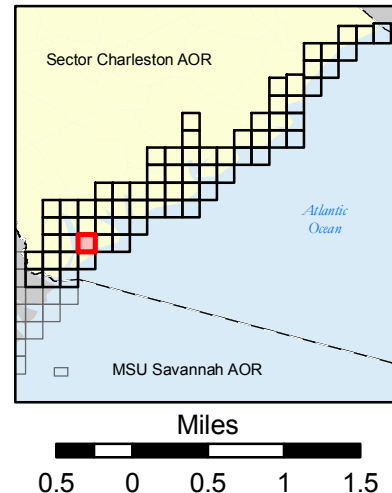
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GNT) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC54-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 22' 17.000" N

Longitude (DMS): 80° 41' 13.124" W

County: Beaufort

Latitude (DD): 32.37138863

Longitude (DD): -80.68697914

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11518_5

CHART Name: ICW CASINO CREEK-BEAUFORT RIVER SIDE B WW-VV

USGS Quad: 32080-C6

QUAD Name: Parris Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Sheltered solid man-made structures, gravel (shell) beaches, fine-grained sand beaches, exposed tidal flats, salt and brackish water marshes**Habitat:** Public beach, salt and brackish water marshes**Wildlife:** Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Bluefish, Striped mullet, Blacktip shark, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, River otter, Northern raccoon**Threaten/Endangered Species:** Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Port Royal Landing**Collection Points:** Port Royal Landing**Area Access:** Port Royal Landing**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:** Deflection,
Protection/Exclusion**Protection Strategy:** Deflection booming - 1500', skimmers on boat landing, vac. truck. Boom adjacent creek - 300'.

Name: Battery Creek

Site ID:

SC54-02

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 22' 12.094" N

Longitude (DMS): 80° 41' 26.682" W

County: Beaufort

Latitude (DD): 32.37002642

Longitude (DD): -80.69074471

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11518_5

CHART Name: ICW CASINO CREEK-BEAUFORT RIVER SIDE B WW-VV

USGS Quad: 32080-C6

QUAD Name: Parris 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, scarps and steep slopes in sand, sheltered solid man-made structures, sheltered scarps in marsh/mud, exposed riprap structures**Habitat:** High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds, exposed tidal flats**Wildlife:** Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Bluefish, Striped mullet, Blacktip shark, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Am. oyster, Blue crab, Penaeid shrimp, Bottlenose dolphin, Beaver, Mink, River otter, Northern raccoon**Threaten/Endangered Species:** Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Port Royal Landing/boat ramp**Collection Points:** Port Royal Landing/boat ramp**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):** 1200**Boom Type:****Booming Method:** Containment, Deflection**Protection Strategy:** Deflection booming, skimmers , vac. truck at boat ramp.

Name: Cowan Creek

Site ID:

SC54-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 21' 38.606" N

Longitude (DMS): 80° 38' 56.450" W

County: Beaufort

Latitude (DD): 32.36072408

Longitude (DD): -80.64901384

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-C6

QUAD Name: Parris 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, Great blue heron, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Alt. sharpnose sturgeon, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Striped mullet, Spotted seatrout, Spot, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Bottlenose dolphin, Am. oyster, Blue crab, Penaeid shrimp, Beaver, Mink, N. raccoon, River otter

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Port Royal Landing/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): 1750

Boom Type:

Booming Method: Deflection,
Protection/Exclusion

Protection Strategy: 1750' boom across channel to stop or deflect pollution. Skimmers may be possible



Name: Parris Island Marine Corps Recruit Depot

Site ID:

SC54-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 21' 1.001" N

Longitude (DMS): 80° 40' 9.998" W

County: Beaufort

Latitude (DD): 32.35027797

Longitude (DD): -80.66944398

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-C6

QUAD Name: Parris Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431, MCRD Parris Island (843)228-2111

RESOURCES AT RISK INFORMATION

Shoreline Type:

Habitat: Some high sensitivity

Wildlife: N/A,

Threaten/Endangered Species: None known

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area:

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):

Boom Type:

Booming Method: Containment, Deflection, Ensnarement

Protection Strategy: See base/facility response plan. (Deflection boom to protect shore, vac. truck and skimmers at sea wall.)



Name: Parris Island Beach

Site ID:

SC54-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 19' 23.901" N

Longitude (DMS): 80° 42' 28.356" W

County: Beaufort

Latitude (DD): 32.32330571

Longitude (DD): -80.70787671

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C6

QUAD Name: Parris Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Mixed sand and gravel (shell) beaches, gravel (shell) beaches, exposed tidal flats, fine-grained sand beaches, salt and brackish water marshes, exposed riprap structures**Habitat:** Beach, exposed tidal flats, salt and brackish water marshes**Wildlife:** Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Am. oystercatcher, Red drum, Southern flounder, Spot, Spotted seatrout, Striped mullet, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, sharks, rays, Seatrout, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Quahog spp., Bottlenose dolphin, Beaver, Mink, River otter, Northern raccoon**Threaten/Endangered Species:** Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: USMC Recruit Depot Parris Island**Collection Points:** Sandy beach areas - accessible by boat**Area Access:** boat/helicopter**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 2150**Boom Type:****Booming Method:** Containment, Deflection, Ensnarement**Protection Strategy:** Use deflection booming to protect beach. Additional 6300' to protect beach immediately to the north/upstream.

Name: Skull Creek - Hilton Head

Site ID:

SC54-06

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 15' 34.937" N

Longitude (DMS): 80° 44' 42.784" W

County: Beaufort

Latitude (DD): 32.25970496

Longitude (DD): -80.74521759

SCAT Division: Beaufort County Division 2

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-C6

QUAD Name: Parris 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, mixed sand and gravel (shell) beaches, gravel (shell) beaches, fine-grained sand beaches

Habitat: High Sensitivity salt and brackish water marshes

Wildlife: Ospreys, American oystercatcher, 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, Bluefish, Spot, Striped mullet, Blacktip shark, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring, shad, Shortnose sturgeon, Bottlenose dolphin, Am. oyster, Blue crab, Penaeid shrimp, Quahog spp., Beaver, Mink, N. raccoon, River otter

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Limited access for staging in vicinity of Skull Creek

Collection Points: In vicinity of Seabrook Landing Drive

Area Access: boat/helicopter/vehicle

Spill Risk:

Response Resources: See Annex XIV (2400)

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1550

Boom Type:

Booming Method: Deflection

Protection Strategy: Skimmers and deflection boom to vac. truck to collection point at Seabrook Landing Drive.



Name: Station Creek at Beaufort River

Site ID:

SC54-07

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 16' 47.532" N

Longitude (DMS): 80° 38' 29.338" W

County: Beaufort

Latitude (DD): 32.27987008

Longitude (DD): -80.64148266

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C6

QUAD Name: Parris 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, exposed tidal flats

Habitat: High Sensitivity salt and brackish water marshes both shorelines, exposed tidal flats

Wildlife: Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spotted seatrout, Striped mullet, Spot, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Am. 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: Port Royal boat ramp

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): 700

Boom Type:

Booming Method: Containment

Protection Strategy: 700' of boom across channel mouth.



Name: Morse Island Creek

Site ID:

SC54-08

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 16' 13.911" N

Longitude (DMS): 80° 38' 29.267" W

County: Beaufort

Latitude (DD): 32.27053082

Longitude (DD): -80.64146347

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C6

QUAD Name: Parris 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, exposed tidal flats

Habitat: High Sensitivity salt and brackish water marshes both shorelines, exposed tidal flats

Wildlife: Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spotted seatrout, Striped mullet, Spot, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, herring & shad, Shortnose sturgeon, Am. 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: Port Royal boat ramp

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): 850

Boom Type:

Booming Method: Deflection

Protection Strategy: Skimmers and deflection boom where creek narrows at fork. Additional 550' downstream towards Port Royal Sound.



Name: Bay Point Beach

Site ID:

SC54-09

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 15' 28.504" N

Longitude (DMS): 80° 38' 14.661" W

County: Beaufort

Latitude (DD): 32.25791845

Longitude (DD): -80.63740598

SCAT Division: Beaufort County Division 1

ESI Map: SC - 54

ESI Name: Parris Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C6

QUAD Name: Parris 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

Habitat: Sandy beach

Wildlife: Ospreys, diving birds, shorebirds, wading birds - feeding, all seasons, Black & Surf scoter, Bufflehead, Common goldeneye, Oldsquaw, Great blue heron, Bottlenose dolphins - all seasons, Loggerhead sea turtle, shellfish, Beaver, Mink, Northern raccoon, River otter, various fish species

Threaten/Endangered Species: Loggerhead turtle nesting - summer, Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Port Royal boat ramp

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: N/A

Protection Strategy: Boom and skimmer use impractical.

