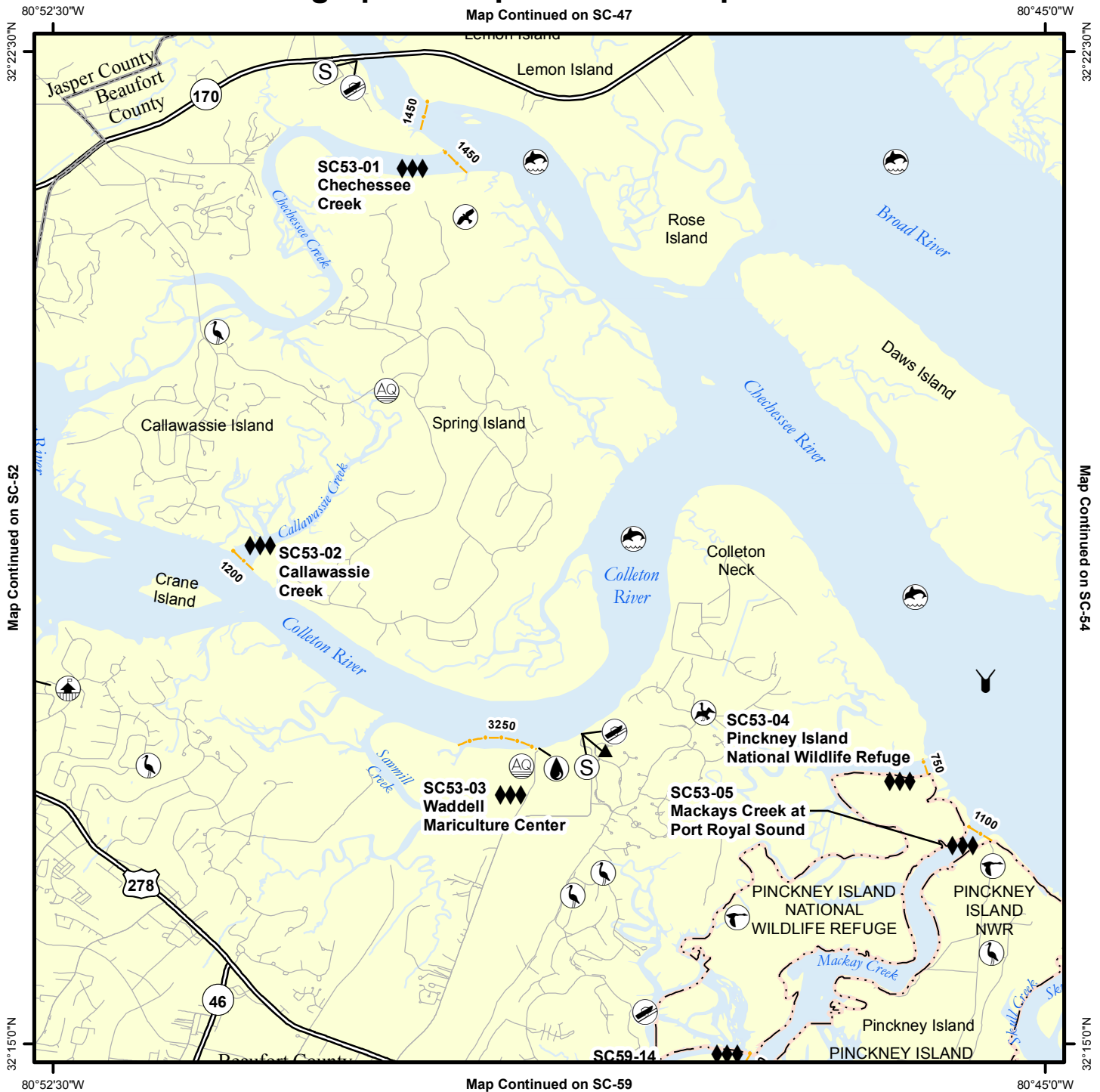


Geographic Response Plan Map: SC-53



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

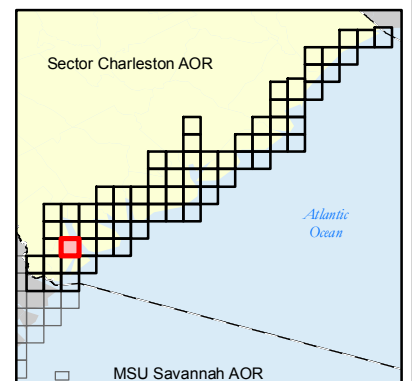
- Ⓐ Aquaculture
- ⚓ Boat Ramp
- Ⓢ Coast Guard
- Ⓢ Commercial Fishing
- Ⓢ Diving birds Nesting Area
- Ⓢ Dolphins
- Ⓢ Gull/Tern Nesting Area
- Ⓢ Historical Site
- Ⓢ Manatees
- Ⓢ Marina
- Ⓢ Raptor Nesting Area
- Ⓢ Recreational Fishing
- Ⓢ Sea Turtles
- Ⓢ Shorebird Nesting Area
- Ⓢ Wading birds Nesting Area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



US Coast Guard
Sector Charleston



Fish and Wildlife
Research Institute



Miles

0.5 0 0.5 1 1.5

Name: Chechessee Creek

Site ID:

SC53-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 21' 37.001" N

Longitude (DMS): 80° 49' 46.999"

County: Beaufort

Latitude (DD): 32.36027799

Longitude (DD): -80.82972200

SCAT Division: Beaufort County Division 2

ESI Map: SC - 53

ESI Name: Spring Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C7

QUAD Name: Spring 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, sheltered solid man-made structures, sheltered tidal flats/oyster beds**Habitat:** High sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds**Wildlife:** Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Great blue heron, Bald eagle, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Atl. sturgeon, Herring & shad, Shortnose sturgeon, Am. oyster, Blue crab, Peneaid shrimp, Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Bald eagle nesting - spring and summer, Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Edgar C. Glenn boat ramp off Rt. 170**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):** 2900**Boom Type:****Booming Method:** Deflection,
Protection/Exclusion**Protection Strategy:** Deploy 1450' of deflection boom across Chechessee River and 1450' of boom at mouth of creek (see map)

Name: Callawassie Creek

Site ID:

SC53-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 18' 48.078" N

Longitude (DMS): 80° 50' 54.257"

County: Beaufort

Latitude (DD): 32.31335451

Longitude (DD): -80.84840463

SCAT Division: Beaufort County Division 2

ESI Map: SC - 53

ESI Name: Spring Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C7

QUAD Name: Spring 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, Black & Wood duck, Hooded merganser, Clapper rail, 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, Quahog spp., Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: H.E. Trask, Sr. boat landing on the Colleton River

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): 1200

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 1200' boom at mouth of creek.



Name: Waddell Mariculture Center

Site ID:

SC53-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 16' 57.759" N

Longitude (DMS): 80° 49' 2.171" W

County: Beaufort

Latitude (DD): 32.28271069

Longitude (DD): -80.81727008

SCAT Division: Beaufort County Division 2

ESI Map: SC - 53

ESI Name: Spring Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C7

QUAD Name: Spring Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431; Marine Resources Research Institute (843)953-9819

RESOURCES AT RISK INFORMATION

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

Habitat: High sensitivity salt and brackish water marshes, sheltered tidal flats/oyster beds

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, Quahog spp., Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources: Wadell Mariculture Center

RESPONSE CONSIDERATIONS

Staging Area: H.E. Trask, Sr. boat landing on the Colleton River

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): 3250

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom around intake area, approximately 3250'.



Name: Pinckney Island National Wildlife Refuge

Site ID:

SC53-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 17' 5.507" N

Longitude (DMS): 80° 45' 56.412" W

County: Beaufort

Latitude (DD): 32.284863

Longitude (DD): -80.76567

SCAT Division: Beaufort County Division 2

ESI Map: SC - 53

ESI Name: Spring Island, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-C7

QUAD Name: Spring Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: USFWS - Pinckney Island NWR (843)784-9911; SC DHEC (888)481-0125; SCDNR (800)922-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel (shell) beaches

Habitat: High Sensitivity 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 seatrout, Spotted seatrout, Striped mullet, 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, Northern raccoon, River otter

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: H.E. Trask, Sr. boat landing on Colleton River OR Cedar Lane boat ramp

Collection Points: None

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): 750

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 750' boom across creek mouth. Use shallow water skimming system



Name: Mackays Creek at Port Royal Sound

Site ID:

SC53-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 16' 31.321" N

Longitude (DMS): 80° 45' 35.957"

County: Beaufort

Latitude (DD): 32.27536714

Longitude (DD): -80.75998823

SCAT Division: Beaufort County Division 2

ESI Map: SC - 53

ESI Name: Spring Island, SC

NOAA Chart: 11516

CHART Name: PORT ROYAL SOUND

USGS Quad: 32080-C7

QUAD Name: Spring Island

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)922-5431; USFWS Pinckney Island NWR (843)784-9911

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats/oyster beds, gravel (shell) beaches, sheltered scarps in marsh/mud, scarps and steep slopes in sand**Habitat:** High Sensitivity salt and brackish water marshes, sheltered tidal flats/oyster beds, exposed tidal flats**Wildlife:** Ospreys, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Black-crowned night heron, Little blue heron, Snowy egret, various fish species, Am. oyster, Blue crab, Penaeid shrimp, Quahog spp., Bottlenose dolphin, Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: C.C. Haig, Jr. boat landing off Rt. 278**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):** 1100**Boom Type:****Booming Method:** Deflection**Protection Strategy:** 1100' boom across mouth of creek. Use shallow water skimming system