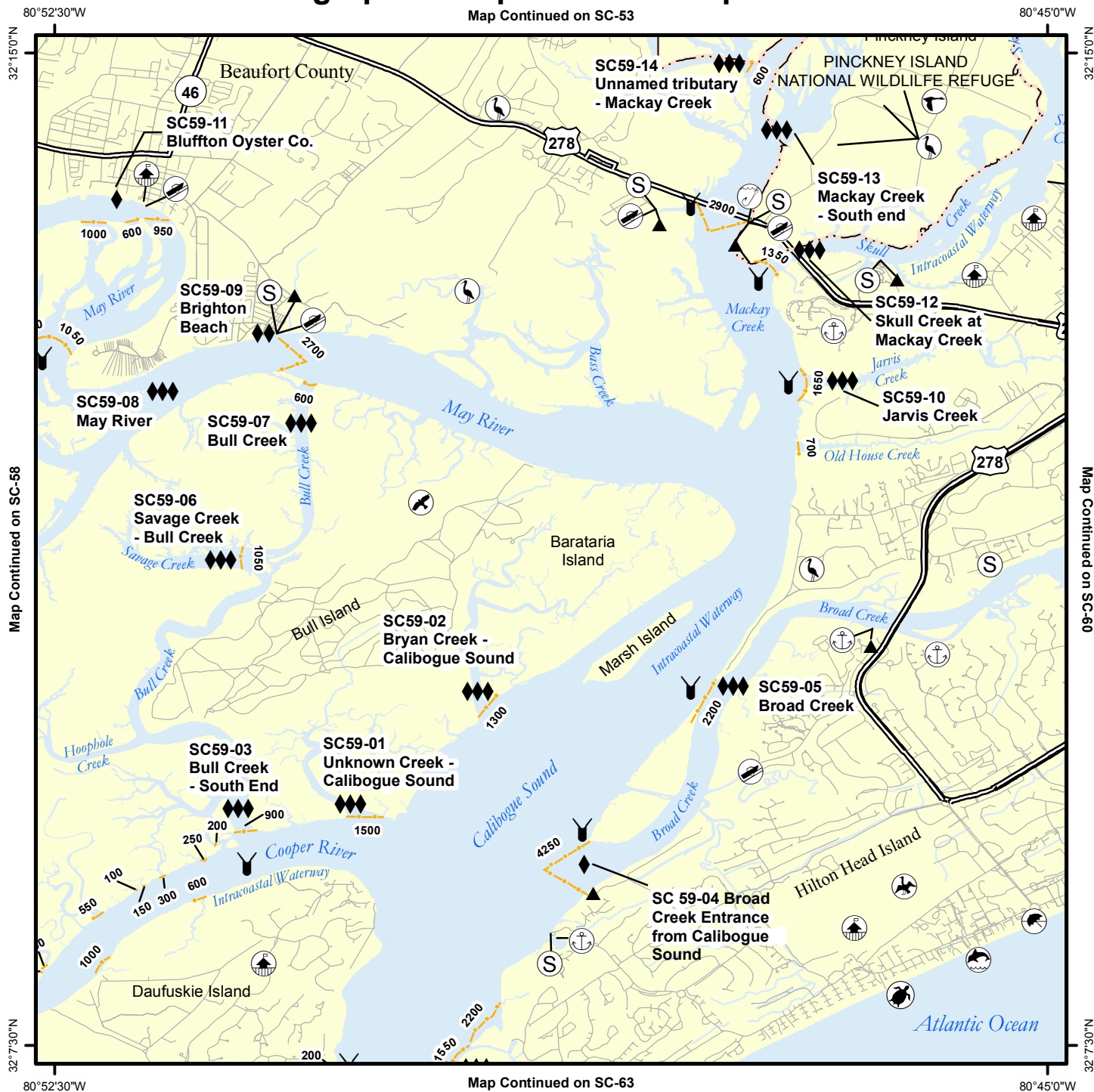


Geographic Response Plan Map: SC-59

Map Continued on 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
- (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

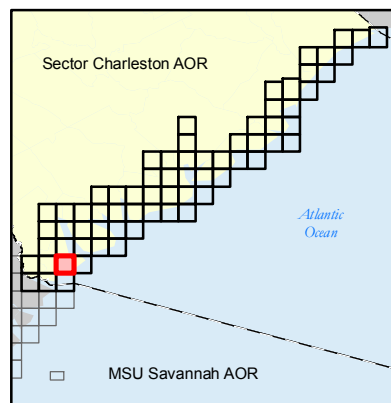
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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



Miles

0.5 0 0.5 1 1.5

Name: Unknown Creek - Calibogue Sound

Site ID:

SC59-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 9' 20.074" N

Longitude (DMS): 80° 50' 20.468" W

County: Beaufort

Latitude (DD): 32.15557637

Longitude (DD): -80.83901873

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)992-5431;

RESOURCES AT RISK INFORMATION

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

Habitat: Salt and brackish water marshes - both shorelines,

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

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

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Cross Island Boat 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:

Min. Boom Length (FT): 1500

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom mouth of creek



Name: Bryan Creek - Calibogue Sound

Site ID:

SC59-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 10' 8.245" N

Longitude (DMS): 80° 49' 17.738" W

County: Beaufort

Latitude (DD): 32.16895696

Longitude (DD): -80.82159408

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

Managed Area (if applicable): Unknown

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)992-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel (shell) beaches, sheltered scarps in marsh/mud

Habitat: Salt and brackish water marshes - both shorelines, exposed tidal flats

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

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Cross Island Boat 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:

Min. Boom Length (FT): 1300

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom mouth of creek



Name: Bull Creek - South end

Site ID:

SC59-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 9' 17.618" N

Longitude (DMS): 80° 51' 6.959" W

County: Beaufort

Latitude (DD): 32.15489354

Longitude (DD): -80.85193303

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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 solid man-made structures

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

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

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee, Sea Turtle

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Cross Island Boat Landing

Collection Points: None

Area Access: boat

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 900

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Add 900' of boom across mouth of Bull Creek.



Name: Broad Creek Entrance from Calibogue Sound

Site ID:

SC59-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 8' 52.008" N

Longitude (DMS): 80° 48' 29.999" W

County: Beaufort

Latitude (DD): 32.14777799

Longitude (DD): -80.80833301

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: SCDHEC (888)481-0125; SCDNR (800)992-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, sheltered tidal flats/oyster beds, sheltered solid man-made structures,

Habitat: Salt and brackish water marshes

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

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian manatee, Sea Turtle

Socio-Economic Resources: Moored vessels. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Cross Island Boat Landing

Collection Points: Docks along south bank of Broad Creek at entrance

Area Access: boat/helicopter/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 4250

Boom Type:

Booming Method: Deflection

Protection Strategy: Diversion booming around boat ramps; 4250' of boom required.



Name: Broad Creek

Site ID:

SC59-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 10' 13.281" N

Longitude (DMS): 80° 47' 22.617" W

County: Beaufort

Latitude (DD): 32.17035644

Longitude (DD): -80.78961643

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, gravel (shell) beaches, exposed walls and other structures made of concrete, wood or metal, sheltered solid man-made structures**Habitat:** High Sensitivity salt and brackish water marshes both shorelines**Wildlife:** Ospreys, diving birds, shorebirds, wading birds, Clapper rail, Black duck, Green-backed heron, Little blue heron, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Spot, Spotted seatrout, Bluefish, Striped mullet, Blacktip shark, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Possible Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:** Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Cross Island Boat Landing**Collection Points:** Palmetto Bay Marina**Area Access:** boat/vehicle**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 2200**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Skimmers, 2200' of Protection/Exclusion boom

Name: Savage Creek - Bull Creek

Site ID:

SC59-06

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 11' 10.349" N

Longitude (DMS): 80° 51' 12.697" W

County: Beaufort

Latitude (DD): 32.18620795

Longitude (DD): -80.85352718

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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 flats

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

Threaten/Endangered Species: possibly Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Alljoy boat ramp in Brighton Beach

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): 1050

Boom Type:

Booming Method:

Protection Strategy: Boom at mouth of Savage Creek; 1050' of boom required.



Name: Bull Creek

Site ID:

SC59-07

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 12' 30.135" N

Longitude (DMS): 80° 50' 34.886" W

County: Beaufort

Latitude (DD): 32.208371

Longitude (DD): -80.843024

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Common & Red-breasted merganser, Black duck, Clapper rail, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, American oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter, Bald eagle

Threaten/Endangered Species: Bald eagle nest, possible Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Alljoy boat ramp in Brighton Beach**Collection Points:** Alljoy boat ramp in Brighton Beach**Area Access:** boat**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 600**Boom Type:** Containment**Booming Method:** Containment**Protection Strategy:** Containment boom at mouth of Creek; 600' of boom required.

Name: May River

Site ID:

SC59-08

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 12' 39.286"

Longitude (DMS): 80° 51' 33.383" W

County: Beaufort

N Latitude (DD): 32.210913

Longitude (DD): -80.875940

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11513

CHART Name: ST. HELENA SOUND TO SAVANNAH RIVER

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, sheltered tidal flats/oyster beds, scarps and steep slopes in sand, gravel (shell) beaches, mixed sand and gravel (shell) beaches**Habitat:** High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds, exposed tidal flats**Wildlife:** Ospreys, diving birds, Common & Red-breasted merganser, Black duck, Clapper rail, shorebirds, wading birds, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Blacktip shark, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Possible Shortnose sturgeon, West Indian Manatee**Socio-Economic Resources:** Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Alljoy Boat Ramp**Collection Points:** Alljoy Boat Ramp**Area Access:** boat/vehicle - Alljoy Boat Ramp or Public Boat Dock Calhoun Street.**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 3450**Boom Type:** Containment**Booming Method:** Containment**Protection Strategy:** Containment boom at fork of May River (west of Brighton Beach/Buck Point).

Name: Brighton Beach

Site ID:

SC59-09

Protection Priority (Season):

Spring: ☐Summer: ☐Fall: ☐Winter: ☐

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 12' 53.175" N

Longitude (DMS): 80° 50' 49.448" W

County: Beaufort

Latitude (DD): 32.214771

Longitude (DD): -80.847069

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11516_1

CHART Name: PORT ROYAL SOUND AND INLAND PASSAGES

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, gravel (shell) beaches, fine-grained sand beaches, exposed riprap

Habitat: Public beach, salt and brackish water marshes

Wildlife: Black duck, Clapper rail, wading birds, wading birds, Atl. menhaden, Atl. sharpnose shark, Blacktip shark, Bluefish, Crevalle jack, rays, Seatrout, sharks, Southern flounder, Spanish mackerel, Tarpon, Red drum, Spot, Spotted seatrout, Striped mullet, American oyster, Bottlenose dolphin

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Alljoy boat ramp in Brighton Beach

Collection Points: Alljoy 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): 2700

Boom Type:

Booming Method: Deflection

Protection Strategy: Deflection booming prior to beach into collection point indicated on map.



Name: Jarvis Creek

Site ID:

SC59-10

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 12' 31.572" N

Longitude (DMS): 80° 46' 41.984" W

County: Beaufort

Latitude (DD): 32.20876980

Longitude (DD): -80.77832919

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, Spot, Spotted seatrout, Striped mullet, sharks, Blacktip shark, Bluefish, Crevalle jack, rays, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter

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

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Buckingham boat ramp off Rt 278 on Pinckney Island

Collection Points: Buckingham 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): 2350

Boom Type:

Booming Method: Containment,
Protection/Exclusion

Protection Strategy: 1650' of boom at mouth of Jarvis Creek; 700' of exclusion boom required for Old House Creek.



Name: Bluffton Oyster Co.

Site ID:

SC59-11

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 13' 53.983" N

Longitude (DMS): 80° 52' 1.945" W

County: Beaufort

Latitude (DD): 32.23166187

Longitude (DD): -80.86720715

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11513

CHART Name: ST. HELENA SOUND TO SAVANNAH RIVER

USGS Quad: 32080-B7

QUAD Name: Bluffton

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: Bluffton Oyster Company (843)757-4010; SCDHEC (888)481-0125; SCDNR (800)992-5431

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, gravel beaches, sheltered scarps in bedrock, mud or clay

Habitat: Shellfish wash water intake

Wildlife: Red-breasted merganser, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Amer. oyster, Blue crab, Penaeid shrimp,

Threaten/Endangered Species: Possible Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Water intake for Bluffton Oyster Company. Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Bluffton Oyster Company boat ramp

Collection Points:

Area Access: boat/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2550

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Use Protection/Exclusion boom for each finger of May River directly south of Bluffton Oyster Company.



Name: Skull Creek at Mackay Creek

Site ID:

SC59-12

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 13' 26.486" N

Longitude (DMS): 80° 46' 59.257" W

County: Beaufort

Latitude (DD): 32.22402448

Longitude (DD): -80.78312694

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, gravel (shell) beaches, sheltered solid man-made structures, fine-grained sand beaches**Habitat:** High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds. Adjacent to Pickney Island National Wildlife Refuge.**Wildlife:** Ospreys, diving birds, shorebirds, wading birds, American oystercatcher, Black duck, Clapper rail, Black-crowned night heron, Little blue heron, Great & Snowy egret, Green-backed heron, Tricolored heron, White ibis, Atl. croaker, Atl. menhaden, Mummichog, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Seatrout, Southern & Summer flounder, Spotted seatrout, Spot, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, Bottlenose dolphin, American oyster, Blue crab, Penaeid shrimp, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Possible Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:** Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Buckingham boat ramp on Pinckney Island off Rt. 278**Collection Points:****Area Access:** boat/helicopter/vehicle**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1350**Boom Type:****Booming Method:** Containment**Protection Strategy:** Containment boom off mouth of Creek; 1350' of boom required

Name: Mackay Creek - South End

Site ID:

SC59-13

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 14' 25.393" N

Longitude (DMS): 80° 47' 2.749" W

County: Beaufort

Latitude (DD): 32.24038670

Longitude (DD): -80.78409703

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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. Adjacent to Pickney Island National Wildlife Refuge.

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, Black-crowned night heron, Little blue heron, Green-backed heron, Snowy egret, Tricolored heron, Great egret, White ibis, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Spot, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Spotted seatrout, Southern & Summer flounder, Striped mullet, Blacktip shark, Bluefish, Crevalle jack, rays, sharks, Spanish mackerel, Tarpon, American oyster, Blue crab, Penaeid shrimp, River otter, Bottlenose dolphin, Mink, Northern raccoon

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

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Buckingham boat ramp on Pinckney Island off Rt. 278

Collection Points: Buckingham Boat Ramp

Area Access: boat/helicopter/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2900

Boom Type:

Booming Method: Deflection

Protection Strategy: Deflection boom at mouth of Mackays Creek (at bridge) as depicted on map.



Name: Unnamed tributary - Mackay Creek

Site ID:

SC59-14

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 14' 55.039" N

Longitude (DMS): 80° 47' 15.500" W

County: Beaufort

Latitude (DD): 32.24862193

Longitude (DD): -80.78763891

SCAT Division: Beaufort County Division 2

ESI Map: SC - 59

ESI Name: Bluffton, SC

NOAA Chart: 11507_1

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND SIDE A

USGS Quad: 32080-B7

QUAD Name: Bluffton

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, sheltered solid man-made structures

Habitat: High Sensitivity salt and brackish water marshes both shorelines, sheltered tidal flats/oyster beds, Adjacent to Pickney Island National Wildlife Refuge

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

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

Socio-Economic Resources: Intertidal marshes that flood should be considered highly sensitive and are primary habitat for fish, birds and plants. The coastal rivers and estuary systems support federally protected Shortnose Sturgeon and the West Indian Manatee in summer.

RESPONSE CONSIDERATIONS

Staging Area: Buckingham boat ramp on Pinckney Island off Rt. 278

Collection Points:

Area Access: boat/helicopter/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 600

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom required; Protection/Exclusion booming at mouth of tributary; 600' of boom required. Alternate strategy: 2900' of deflection boom at mouth of Mackay Creek.

