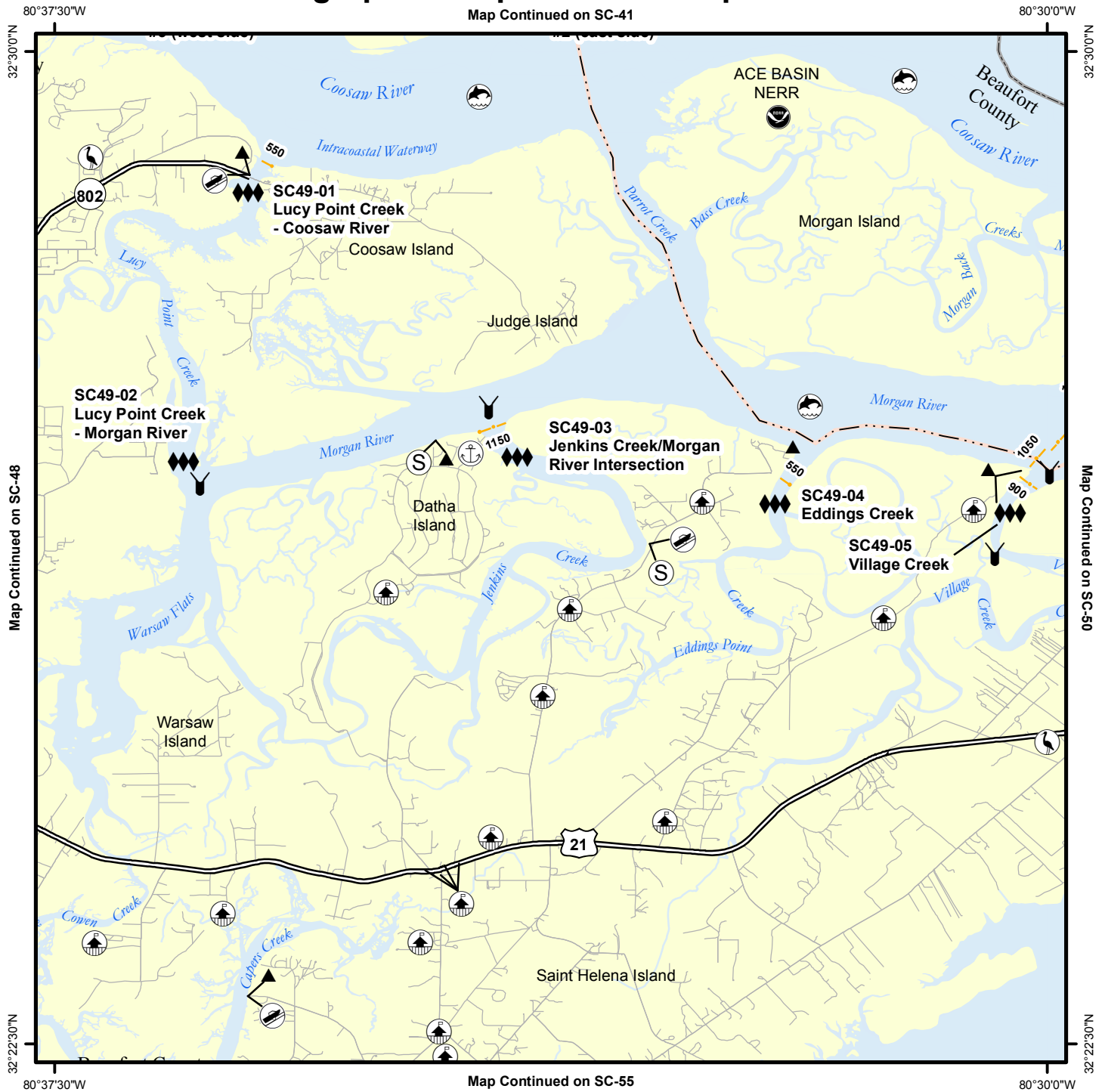


Geographic Response Plan Map: SC-49

Map Continued on SC-41



Map Continued on SC-48

Map Continued on SC-50

Map Continued on SC-55

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

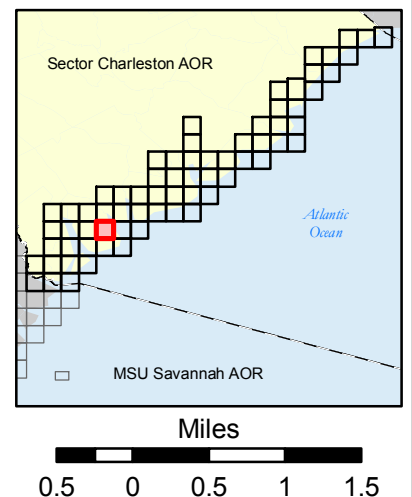
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC49-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 29' 7.163" N

Longitude (DMS): 80° 35' 56.083"

County: Beaufort

Latitude (DD): 32.48532258

Longitude (DD): -80.59891239

SCAT Division: Beaufort County Division 1

ESI Map: SC - 49

ESI Name: Frogmore, SC

NOAA Chart: 11518_5

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

USGS Quad: 32080-D5

QUAD Name: Frogmore

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, sheltered tidal flats/oyster beds, fine-grained sand beaches, scarps and steep slopes in sand, sheltered scarps in marsh/mud, sheltered solid man-made structures**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, Atl. croaker, Alt. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Sounthern & Summer flounder, 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, Quahog spp., Beaver, Mink, Northern raccoon, River otter**Threaten/Endangered Species:** Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:**

RESPONSE CONSIDERATIONS

Staging Area: Sam's Point 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):** 550**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Deploy 550' of boom across channel mouth

Name: Lucy Point Creek - Morgan River

Site ID:

SC49-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 26' 54.405" N

Longitude (DMS): 80° 36' 31.690"

County: Beaufort

Latitude (DD): 32.44844629

Longitude (DD): -80.60880345

SCAT Division: Beaufort County Division 1

ESI Map: SC - 49

ESI Name: Frogmore, SC

NOAA Chart: 11518_5

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

USGS Quad: 32080-D5

QUAD Name: Frogmore

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, sheltered tidal flats/oyster beds, scarps and steep slopes in sand

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, Alt. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Sounthern & Summer flounder, 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, possible West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Dataw Island Marina

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):

Boom Type:

Booming Method: N/A

Protection Strategy: Boom not possible; two skimmers



Name: Jenkins Creek/Morgan River Intersection

Site ID:

SC49-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 27' 1.296" N

Longitude (DMS): 80° 34' 6.419" W

County: Beaufort

Latitude (DD): 32.45036033

Longitude (DD): -80.56844953

SCAT Division: Beaufort County Division 1

ESI Map: SC - 49

ESI Name: Frogmore, SC

NOAA Chart: 11518_5

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

USGS Quad: 32080-D5

QUAD Name: Frogmore

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, sheltered tidal flats/oyster beds, 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 & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Atl. croaker, Alt. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Sounthern & Summer flounder, 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, possible West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Eddings Point boat landing or Dataw Island Marina for boom deployment or vac. truck pickup

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): 1150

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom mouth of channel with 1150'



GRP - Oil Spill Sensitive Site Report for Sector : Charleston**GRP Map #****SC-49****Name:** Eddings Creek**Site ID:****SC49-04****Protection Priority (Season):** Spring: Summer: Fall: Winter: **Site Description:****GEOSPATIAL INFORMATION****Latitude (DMS):** 32° 26' 49.923" N**Longitude (DMS):** 80° 31' 55.196"**County:** Beaufort**Latitude (DD):** 32.44720077**Longitude (DD):** -80.53199912**SCAT Division:** Beaufort County Division 1**ESI Map:** SC - 49**ESI Name:** Frogmore, SC**NOAA Chart:** 11518_5**CHART Name:** ICW CASINO CREEK-BEAUFORT RIVER SIDE B WW-VV**USGS Quad:** 32080-D5**QUAD Name:** Frogmore**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, sheltered tidal flats/oyster beds, scarps and steep slopes in sand, exposed tidal flats, sheltered solid man-made 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, Alt. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Sounthern & Summer flounder, 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, possible West Indian manatee**Socio-Economic Resources:****RESPONSE CONSIDERATIONS****Staging Area:** Dataw Marina and Eddings Point boat 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):** 550**Boom Type:****Booming Method:** Deflection**Protection Strategy:** Boom 1/4 mile up Creek with 550' of deflection boom.

Name: Village Creek

Site ID:

SC49-05

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 26' 42.316" N

Longitude (DMS): 80° 30' 11.135"

County: Beaufort

Latitude (DD): 32.44508784

Longitude (DD): -80.50309311

SCAT Division: Beaufort County Division 1

ESI Map: SC - 49

ESI Name: Frogmore, SC

NOAA Chart: 11518_5

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

USGS Quad: 32080-D5

QUAD Name: Frogmore

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, sheltered tidal flats/oyster beds, scarps and steep slopes in sand, exposed tidal flats

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, Atl. croaker, Alt. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Sounthern & Summer flounder, 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, possible West Indian manatee

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Fripp Point Road boat ramp

Collection Points: 1). 1.5 NM up Morgan River from mouth of Creek at Edding Point; 2). Fripp Point boat ramp (private); 3.) 0.75 NM up Village Creek

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): 900

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: Boom off Creek at mouth; 900' boom required.

