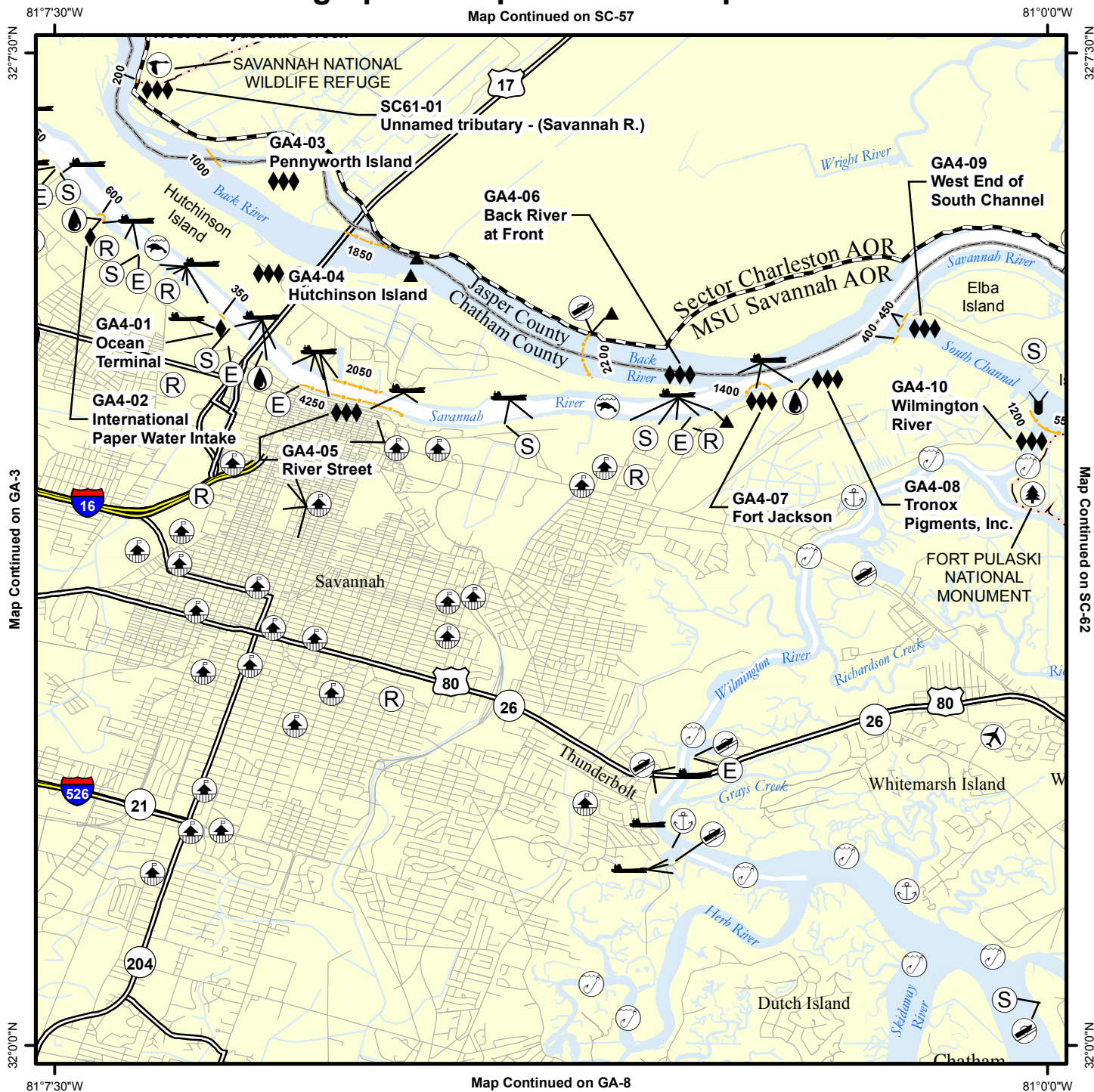


Geographic Response Plan Map: SC-61






Map Continued on SC-57






















Legend

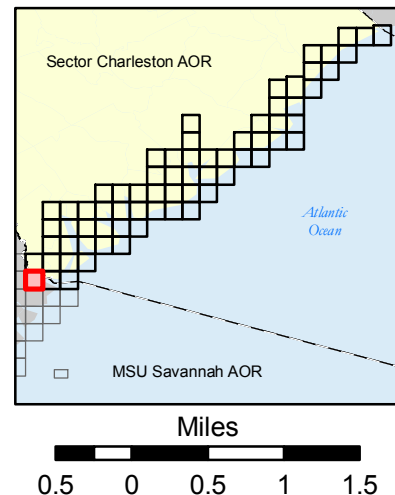
Environmentally Sensitive Areas

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

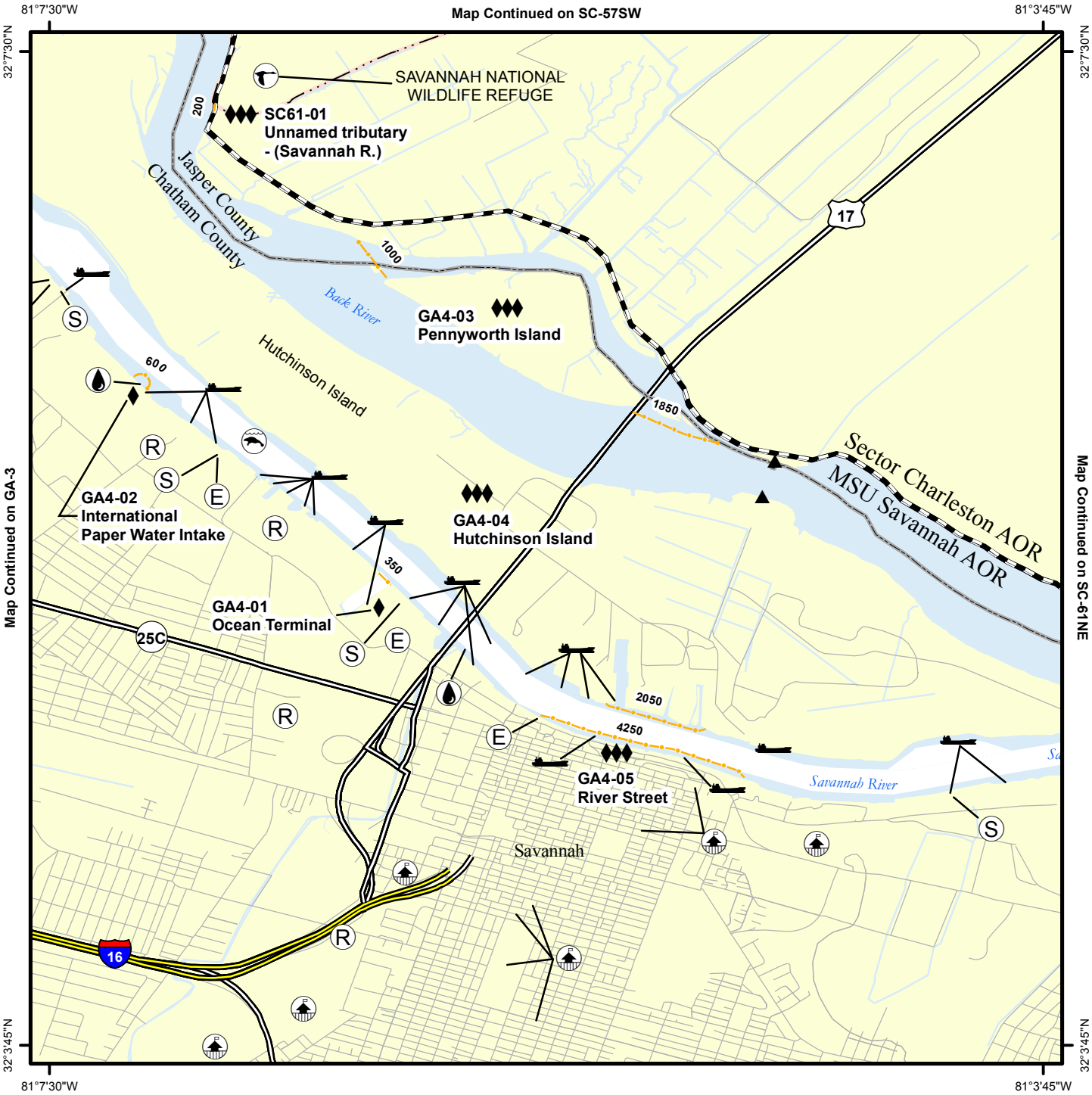
Bio-SocEcon

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

US Coast Guard
Sector CharlestonFish and Wildlife
Research Institute

Geographic Response Plan Map: SC-61NW

Map Continued on SC-57SW



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

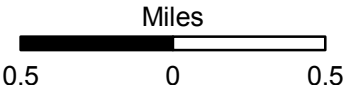
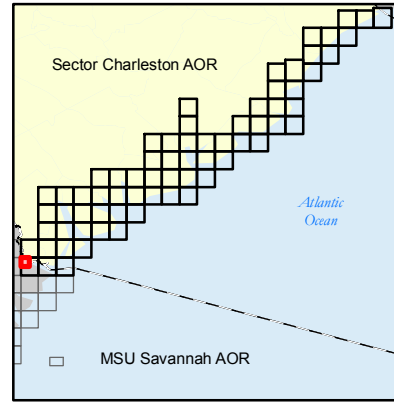
- AQ Aquaculture
- Boat Ramp
- Coast Guard
- Commercial Fishing
- Diving birds Nesting Area
- Dolphin
- Gull/Tern Nesting Area
- Historical Site
- Manatee
- Marina
- Raptor Nesting Area
- Recreational Fishing
- Sea Turtle
- Shorebird Nesting Area
- Wading birds Nesting Area
- Water Intake
- Water Quality
- Waterfowl Management Area
- Whale
- Wildlife Management Area/Refuge



US Coast Guard
Sector Charleston

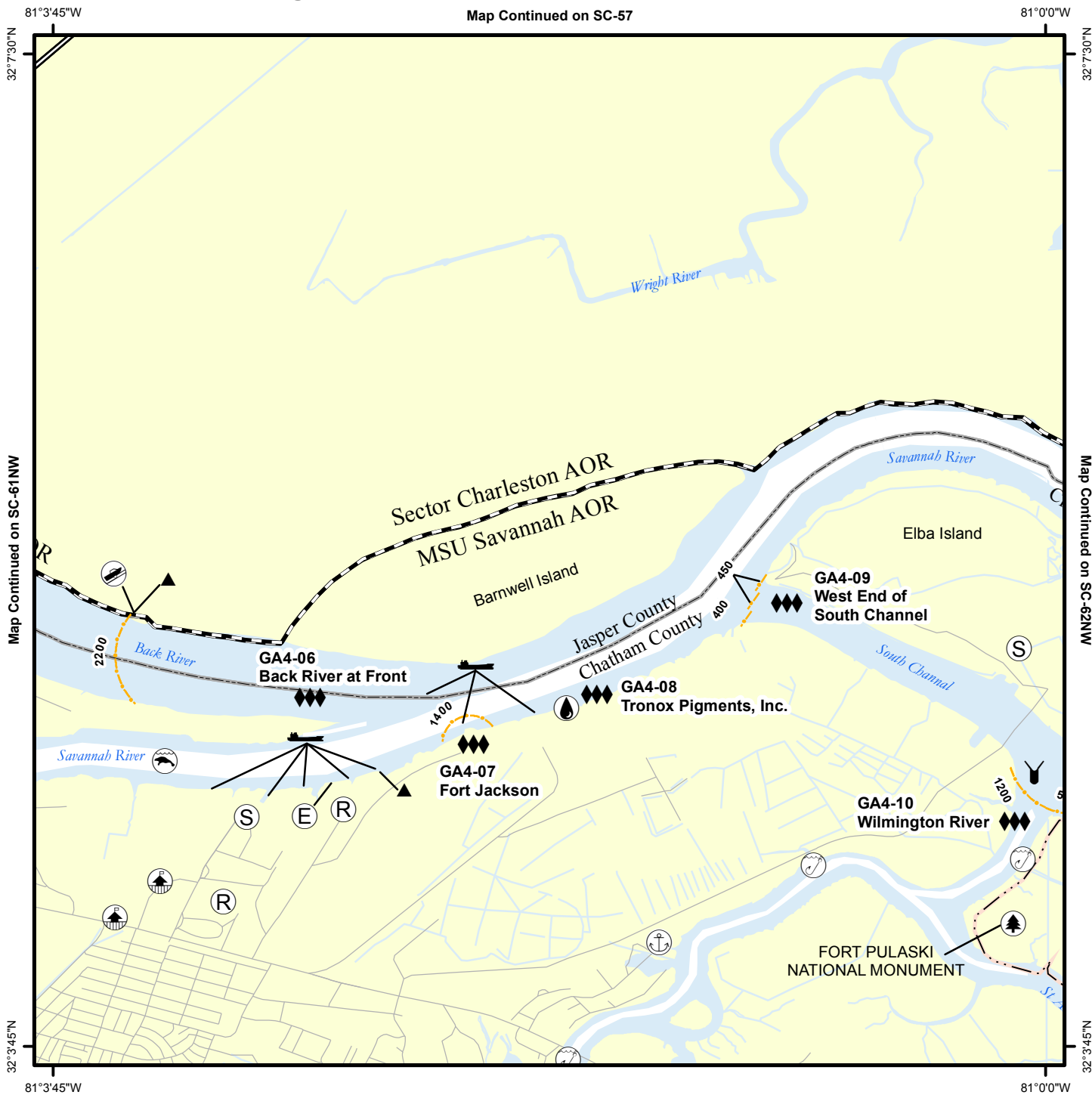


Fish and Wildlife
Research Institute



Geographic Response Plan Map: SC-61NE

Map Continued on SC-57



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

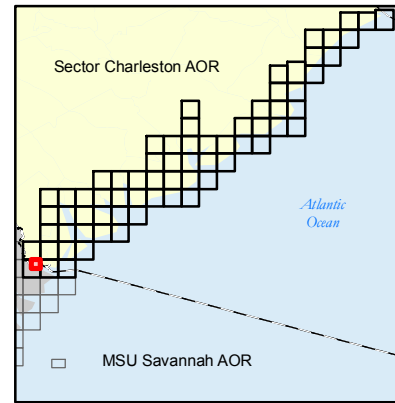
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphin
- (GTT) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatee
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtle
- (SNA) Shorebird Nesting Area
- (WBN) Wading birds Nesting Area
- (WI) Water Intake
- (WQ) Water Quality
- (WMA) Waterfowl Management Area
- (WHL) Whale
- (WMA/REF) Wildlife Management Area/Refuge



US Coast Guard
Sector Charleston



Fish and Wildlife
Research Institute



Miles

0.5 0 0.5

Name: Unnamed tributary - (Savannah R.)

Site ID:

SC61-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 7' 16.410" N

Longitude (DMS): 81° 6' 50.691" W

County: Jasper

Latitude (DD): 32.12122456

Longitude (DD): -81.11408150

SCAT Division: Jasper County Division 2

ESI Map: SC - 61

ESI Name: Savannah, GA-SC

NOAA Chart: 11512

CHART Name: SAVANNAH RIVER AND WASSAW SOUND

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location: Foundation Dr. (GA Kaolin)

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Gravel and Marsh, salt and brackish water marshes

Habitat: High sensitive salt and brackish water marshes, tidal freshwater marshes

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, American wigeon, Blue-winged & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked duck, Ruddy & Wood duck, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American alligator, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area:

Collection Points: None

Area Access: boat/helicopter

Spill Risk: Port of Savannah facilities

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 7-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 200

Boom Type: Hard

Booming Method: Protection/Exclusion

Protection Strategy: Establish Protection/Exclusion strategy with 300' of hard boom. Use small watercraft at high tide due to low bridges.



Name: Ocean Terminal

Site ID:

GA4-01

Protection Priority (Season):

Spring: ☐☒Summer: ☐☒Fall: ☐Winter: ☐☒

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 5' 23.733" N

Longitude (DMS): 81° 6' 16.124" W

County: Chatham

Latitude (DD): 32.08992589

Longitude (DD): -81.10447882

SCAT Division: Chatham County Division 1

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Exposed & sheltered solid man-made structures**Habitat:**

Wildlife: West Indian manatee, American eel, American & Hickory shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hogchoker, King & Spanish mackerel, Ladyfis, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Blue crab, American oyster, Brown & Grass shrimp, Knobby whelk, Pink & White shrimp, Quahog spp.

Threaten/Endangered Species: West Indian manatee, Shortnose sturgeon**Socio-Economic Resources:** Georgia Port Authority, Ocean Terminal

RESPONSE CONSIDERATIONS

Staging Area: NUSTAR Asphalt (boat lift), Colonial Terminal, Ocean Terminal**Collection Points:** None**Area Access:** boat/vehicle**Spill Risk:****Response Resources:** See Annex XIV (2400). Equipment sites: E-2,5,6,7,8,9,10,23,24,25,26.

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 650**Boom Type:****Booming Method:** No Information Provided**Protection Strategy:** Boom off Slip No. 2 (350') and area directly under Eugene E Talmadge Memorial Bridge (300')

Name: International Paper Water Intake

Site ID:

GA4-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 6' 14.611" N

Longitude (DMS): 81° 7' 9.126" W

County: Chatham

Latitude (DD): 32.10405867

Longitude (DD): -81.11920167

SCAT Division: Chatham County Division 1

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: International Paper 912-238-7295; GA DNR 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Exposed solid man-made structures, Riprap**Habitat:** Industrial Intake**Wildlife:** West Indian manatee, American eel, American & Hickory shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hogchoker, King & Spanish mackerel, Ladyfis, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Blue crab, American oyster, Brown & Grass shrimp, Knobby whelk, Pink & White shrimp, Quahog spp.**Threaten/Endangered Species:** West Indian manatee, Shortnose sturgeon**Socio-Economic Resources:** International Paper Co. - water intake only used for fire fighting purposes

RESPONSE CONSIDERATIONS

Staging Area: NUSTAR Asphalt (boat lift), Colonial Terminal.**Collection Points:****Area Access:** boat/helicopter/vehicle**Spill Risk:****Response Resources:** See Annex XIV (2400). Equipment sites: E-7,6,5,2,8,9,10,17,23,24,25,26. Harbor boom: 3000', Weir

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1000**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom intake and ask intake to be shutdown in the event of a spill in the area. Intake is only used for fire fighting purposes.

Name: Pennyworth Island

Site ID:

GA4-03

Protection Priority (Season):

Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 6' 31.978" N

Longitude (DMS): 81° 5' 46.352" W

County: Chatham

Latitude (DD): 32.10888290

Longitude (DD): -81.09620889

SCAT Division: Chatham County Division 1

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: GA DNR 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes**Habitat:** High sensitive salt and brackish water marshes, tidal freshwater marshes

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, American wigeon, Blue-winged & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked duck, Ruddy & Wood duck, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Seatrout, Southern & Summer flounder, Spot, Spotted seatrout, Striped mullet, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American alligator, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

Threaten/Endangered Species: Possible West Indian manatee, Alligator, Shortnose sturgeon, Piping plover, Wilson's plover

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:**Collection Points:** Base of tide gate can be used as collection point for vacuum trucks.**Area Access:** boat/helicopter/vehicle**Spill Risk:****Response Resources:** Equipment sites: E-2,5,6,7,9,8,10,17,24,25,26.

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 3000**Boom Type:** Hard**Booming Method:** Deflection**Protection Strategy:** 1500' hard boom at each entrance (north and south tips of island). Tide gate was removed.

Name: Hutchinson Island

Site ID:

GA4-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 5' 50.746" N

Longitude (DMS): 81° 5' 53.820" W

County: Chatham

Latitude (DD): 32.09742945

Longitude (DD): -81.09828334

SCAT Division: Chatham County Division 1

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: GA DNR 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes**Habitat:** High Sensitivity salt and brackish water marshes. Tidal freshwater marsh.**Wildlife:** Ospreys, diving birds, shorebirds, wading birds, Clapper rail, Black duck, Am. eel, American & Hickory shad, Alt. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Cobia, Blueback herring, Bluefish, Hardhead catfish, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Tarpon, Star drum, Striped bass, Striped mullet, Am. oyster, Blue crab, Brown & Grass shrimp, Knobbed whelk, Pink & White shrimp, Quahog spp.**Threaten/Endangered Species:** Possible West Indian manatee, Alligator, possible Shortnose sturgeon**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:**Collection Points:** Base of tide gate can be used as collection point for vacuum trucks.**Area Access:** boat/helicopter/vehicle**Spill Risk:****Response Resources:** Equipment sites: E-2,5,6,7,9,8,10,17,24,25,26.

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 1500**Boom Type:** Hard**Booming Method:** Deflection**Protection Strategy:** Tide gate was removed. Establish deflection strategy to push either up or down river with 1500' hard boom.

Name: River Street

Site ID:

GA4-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 52.766" N

Longitude (DMS): 81° 5' 21.433" W

County: Chatham

Latitude (DD): 32.08132390

Longitude (DD): -81.08928691

SCAT Division: Chatham County Division 1

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location: River Street South of Plant Riverside. Beginning of River Walk to end of River Walk

CONTACT INFORMATION

Contacts: Savannah River Taxi 912-447-4029; Pilots Association 912-704-9624; River Street River Boat Co. (Owner/Operator) 912-232-6404 or 912-313-0640 (24 hrs); NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Exposed, solid man-made structures**Habitat:**

Wildlife: Amer. shad, Atl. sturgeon, Blueback herring, Hickory shad, Striped bass, Amer. eel, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Bay & Striped anchovy; Black, Red & Star drum, Black seabass, Bluefish, Cobia, Hardhead catfish, Tarpon, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Seatrout, Pinfish, Sheepshead, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Striped mullet, Amer. oyster, Quahog spp., Blue crab, Knobbed whelk, Brown shrimp, Grass shrimp, Pink shrimp, White shrimp

Threaten/Endangered Species: Shortnose sturgeon, West Indian manatee**Socio-Economic Resources:** Economic Resources

RESPONSE CONSIDERATIONS

Staging Area:**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 4000**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom should be placed parallel to river bank. Approx. 4000'

Name: Back River at Front

Site ID:

GA4-06

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 5' 4.247" N

Longitude (DMS): 81° 2' 46.678" W

County: Chatham

Latitude (DD): 32.08451301

Longitude (DD): -81.04629953

SCAT Division: Chatham County Division 2

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: Georgia DNR Emergency Operations Center 800-241-4113; SCDHEC 803-253-6488 (24 hr) or 888-481-0125; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Riprap, Salt and brackish water marshes**Habitat:** High Sensitivity salt and brackish water marshes

Wildlife: Ospreys, diving birds, shorebirds, wading birds, Black duck, Clapper rail, Am. eel, Am. shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hickory shad, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Tarpon, Star drum, Striped bass, Striped mullet, Am. oyster, Blue crab, Brown & Grass shrimp, Knobby whelk, Pink & White shrimp, Quahog spp.

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

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: President St. Boat Ramp, Conoco Phillips Boat Lift, NUSTAR Energy**Collection Points:** North side by vac. truck from unnamed boat ramp**Area Access:** boat/helicopter/vehicle**Spill Risk:**

Response Resources: See Annex XIV (2400). Equipment sites: E-2,5,6,7,8,9,10,23,24,25,26. Boom Reel at Conoco Phillips (E-9). Plant Riverside (E-8) + Elba Island (E-10), Harbor boom: 1000 ft, MORAN - (912) 232-3224. Harbor boom: 2000 ft

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** 500**Boom Type:** Hard**Booming Method:** Containment, Protection/Exclusion**Protection Strategy:** Establish containment/protection strategy. Minimum of 500' hard boom.

Name: Fort Jackson

Site ID:

GA4-07

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 56.125" N

Longitude (DMS): 81° 2' 10.454" W

County: Chatham

Latitude (DD): 32.08225683

Longitude (DD): -81.03623717

SCAT Division: Chatham County Division 2

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11514_1

CHART Name: SAVANNAH RIVER SAVANNAH TO BRIER CREEK SIDE A

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: Fort Jackson Coastal Heritage Society (Director) 912-232-3945; GA DNR 800-241-4113; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, riprap, scrub-shrub wetlands, exposed solid man-made structures, swamps

Habitat: Overwash, exposed riprap, salt and brackish water marshes, scrub-shrub wetlands

Wildlife: Am. eel, Am. shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hickory shad, Hogchoker, Ladyfish, Spot, King & Spanish mackerel, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spotted seatrout, Star drum, Striped bass, Striped mullet, Tarpon, Am. oyster, Blue crab, Quahog spp., Brown shrimp, Grass shrimp, Pink shrimp, White shrimp, Knobby whelk, West Indian manatee

Threaten/Endangered Species: Shortnose sturgeon, West Indian Manatee

Socio-Economic Resources: Historic resources listed on National Register

RESPONSE CONSIDERATIONS

Staging Area: Conoco Phillips Boat Ramp, NUSTAR Energy

Collection Points: Use natural cove as collection with vac trucks.

Area Access: boat/vehicle

Spill Risk:

Response Resources: See Annex XIV (2400). Equipment sites: E-2,5,6,7,8,9,10,23,24,25,26.

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 400

Boom Type: Hard, sorbent

Booming Method: Protection/Exclusion, Ensnarement

Protection Strategy: Boom off moat with 400' of hard boom, back up with sorbent boom.



Name: Tronox Pigments, Inc.

Site ID:

GA4-08

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

Site Description: Georgia permitted water intake

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 5' 4.726" N

Longitude (DMS): 81° 1' 42.225" W

County: Chatham

Latitude (DD): 32.08464620

Longitude (DD): -81.02839579

SCAT Division: Chatham County Division 2

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11507_2

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND XX-YY

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: Emergency # 912-652-1222; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Riprap

Habitat:

Wildlife: Amer. shad, Atl. sturgeon, Blueback herring, Hickory shad, Striped bass, Amer. eel, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Bay & Striped anchovy; Black, Red & Star drum, Black seabass, Bluefish, Cobia, Hardhead catfish, Tarpon, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Southern & Summer flounder, Southern kingfish, Spot, Spotted seatrout, Striped mullet, Am. oyster, Quahog spp., Blue crab, Knobby whelk, Penaeid shrimp

Threaten/Endangered Species: Shortnose sturgeon, possible West Indian manatee**Socio-Economic Resources:** Water Intake

RESPONSE CONSIDERATIONS

Staging Area:

Collection Points:

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: Facility states no booming strategy needed because withdrawal point is 9' below sea level

Name: West End of South Channel

Site ID:

GA4-09

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 5' 24.911" N

Longitude (DMS): 81° 1' 0.979" W

County: Chatham

Latitude (DD): 32.09025298

Longitude (DD): -81.01693861

SCAT Division: Chatham County Division 2

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11507_2

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND XX-YY

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: GA DNR 800-241-4113; SCDHEC 888-481-0125; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, riprap**Habitat:** Salt and brackish water marshes, swamps**Wildlife:** American eel, American shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Atl. sturgeon, Bay anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hickory shad, Hogchoker, Striped mullet, King mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Shortnose sturgeon, Silver perch, Southern & Summer flounder, Southern kingfish, Spanish mackerel, Spot, Spotted seatrout, Star drum, Striped anchovy, Striped bass, Tarpon, Blue crab, American oyster, Brown shrimp, Grass shrimp, Knobby whelk, Pink shrimp, Quahog spp., White shrimp**Threaten/Endangered Species:** Shortnose sturgeon, possible 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: Elba Island, Conoco Phillips (boat ramp), Nustar Energy, President St. boat ramp**Collection Points:****Area Access:** boat/helicopter**Spill Risk:****Response Resources:** See Annex XIV (2400). Equipment sites: E-2,5,6,7,8,9,10,23,24,25,26. Elba Island - boom reel (E-10). Boom reel at Conoco (E-9). Harbor boom: 100 ft, Moran (912) 232-3224. Harbor boom: 1000'

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):****Boom Type:****Booming Method:** Deflection**Protection Strategy:** Stagger deflection boom across channel

Name: Wilmington River

Site ID:

GA4-10

Protection Priority (Season):

Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 4' 37.098" N

Longitude (DMS): 81° 0' 3.757" W

County: Chatham

Latitude (DD): 32.07697170

Longitude (DD): -81.00104359

SCAT Division: Chatham County Division 2

ESI Map: GA - 4

ESI Name: Savannah, GA-SC

NOAA Chart: 11507_2

CHART Name: BEAUFORT RIVER TO ST SIMONS SOUND XX-YY

USGS Quad: 32081-A1

QUAD Name: Savannah

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: GA DNR 800-241-4113; SCDHEC 888-481-0125; NOAA - SSC (USCG District 7) 305-530-7931; DOI - Regional Environmental Officer 404-331-4524 or 215-597-5378

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes, exposed & sheltered solid man-made structures, sheltered tidal flats, vegetated low riverine banks, riprap, scrub-shrub wetlands, riprap

Habitat: Salt and brackish water marshes, scrub-shrub wetlands

Wildlife: Black-crowned night heron, Great blue heron, Great & Snowy egret, Little blue heron, Tricolored heron, Yellow-crowned night heron, Endangered passerine bird, Am. eel, Am. shad, Atl. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. spadefish, Spot, Atl. sturgeon, Bay & Striped anchovy, Black & Red drum, Black seabass, Blueback herring, Bluefish, Cobia, Hardhead catfish, Hickory shad, Hogchoker, King & Spanish mackerel, Ladyfish, Mummichog, Pinfish, Seatrout, Sheepshead, Silver perch, Star drum, Southern & Summer flounder, Southern kingfish, Spotted seatrout, Striped bass, Striped mullet, Tarpon, Gag grouper, Am. oyster, Blue crab, Brown & Grass shrimp, Knobby whelk, Quahog spp., Pink & White shrimp

Threaten/Endangered Species: Shortnose sturgeon, possible 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: Elba Island, Conoco Phillips (boat lift), President St. Boat Ramp, NUSTAR Energy

Collection Points:

Area Access:

Spill Risk:

Response Resources: See Annex XIV (2400). MORAN (912) 232-3224. Equipment sites: E-2,5,6,7,8,9,10,17,23,24,25,26.

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 6-9

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 2400

Boom Type:

Booming Method: Deflection, Ensnarement

Protection Strategy: Wide and shallow waterway. Current is fairly calm and conducive to on-water recovery. Consider absorbent boom. Any efforts that may result in the closing of the Intracoastal Waterway need to be made in consultation with Sector Charleston's Waterways Management Division or methods to open and close the waterway need to be devised (e.g. manning a 'boom gate').

