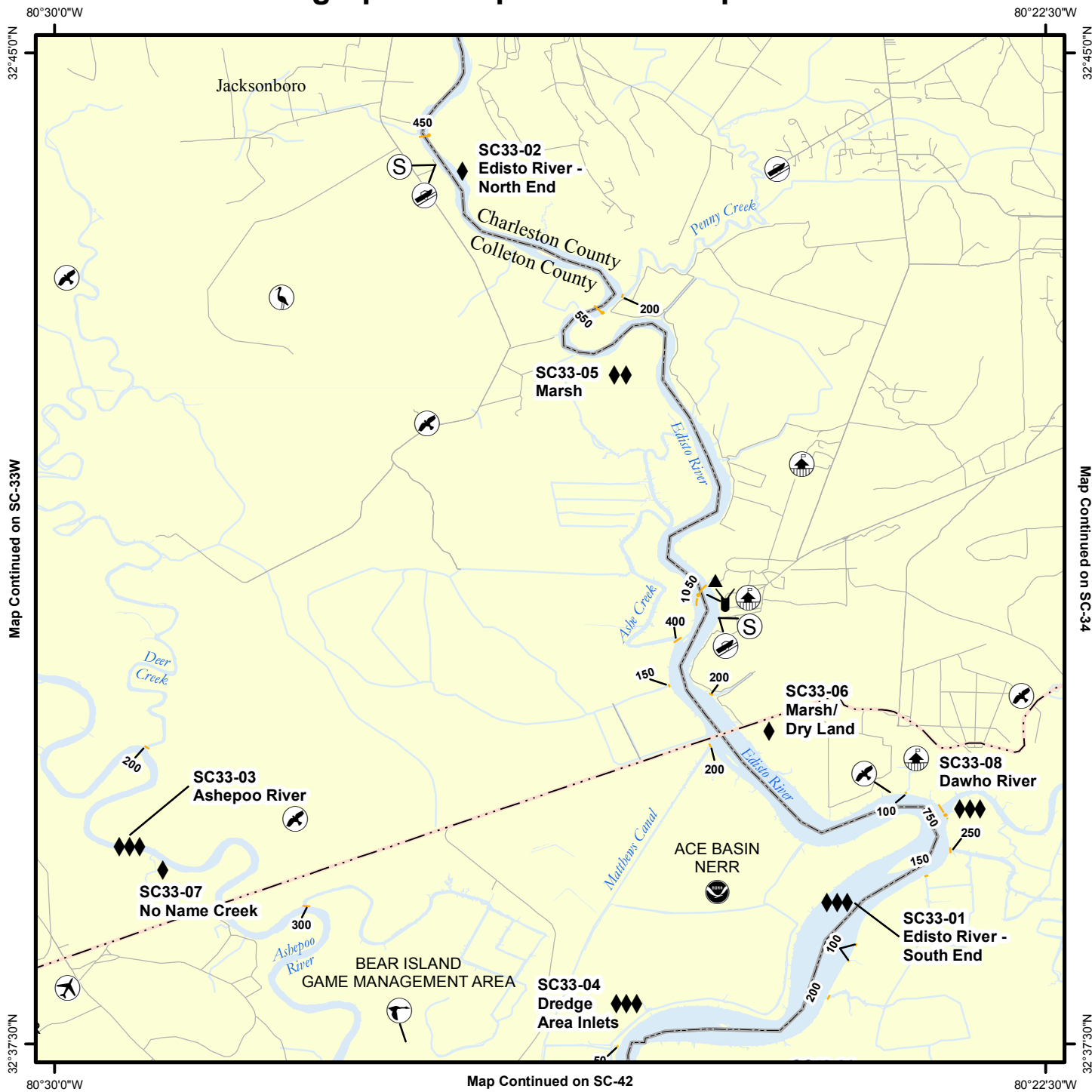


Geographic Response Plan Map: SC-33



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

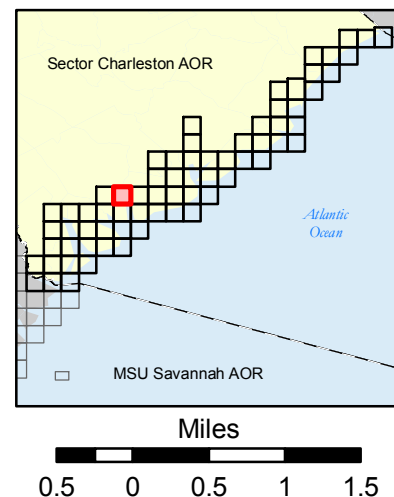
- (AQ) Aquaculture
- (BR) Boat Ramp
- (CG) Coast Guard
- (CF) Commercial Fishing
- (DBN) Diving birds Nesting Area
- (DOL) Dolphins
- (GTA) Gull/Tern Nesting Area
- (HS) Historical Site
- (MAN) Manatees
- (MAR) Marina
- (RNA) Raptor Nesting Area
- (RF) Recreational Fishing
- (ST) Sea Turtles
- (SNA)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

Site ID:

SC33-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 30.728" N

Longitude (DMS): 80° 23' 56.752" W

County: Charleston/Colleton

Latitude (DD): 32.64186868

Longitude (DD): -80.39909801

SCAT Division: Charleston County Division 4

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

Managed Area (if applicable): Ace Basin National Estuarine Research Reserve

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes

Habitat: Salt and brackish water marsh, freshwater marshes (herbaceous vegetation)

Wildlife: Black & Wood duck, Hooded merganser, Clapper rail, shorebirds, wading birds, American wigeon, Blue & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked & Ruddy duck, various fish species, American alligator, American 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: Willtown Road Boat Ramp

Collection Points:

Area Access:

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: Protection/Exclusion

Protection Strategy: Boom across mouths of tributaries as depicted. 1050' of boom north of Willtown Road boat ramp.



Name: Edisto River - north end

Site ID:

SC33-02

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 44' 4.045" N

Longitude (DMS): 80° 26' 57.818" W

County: Charleston/Colleton

Latitude (DD): 32.73445727

Longitude (DD): -80.44939371

SCAT Division: Charleston County Division 4

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11521_1

CHART Name: CHARLESTON HARBOR AND APPROACHES

USGS Quad: 32080-F4

QUAD Name: Fenwick

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Scarps and steep slopes in sand, freshwater marshes and swamps (herbaceous and woody vegetation)**Habitat:** Salt and brackish water marshes, freshwater swamps (woody vegetation)**Wildlife:** Common, Hooded & Red-breasted merganser, 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, Spot, Striped mullet, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American 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: West Bank Boat Ramp**Collection Points:****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:** 1000' boom sections (450' and 550') north/south of West Bank Boat Ramp as depicted; 200' of boom across tributary.

Name: Ashepoo River

Site ID:

SC33-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 53.714" N

Longitude (DMS): 80° 29' 10.222" W

County: Colleton

Latitude (DD): 32.64825405

Longitude (DD): -80.48617280

SCAT Division: Colleton County Division 1

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

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: Salt and brackish water marshes, freshwater marshes (herbaceous vegetation), freshwater swamps (woody vegetation)

Wildlife: Osprey, Bald Eagles, Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Am. wigeon, Blue & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked & Ruddy duck, various fish species, American oyster, Blue crab, Penaeid shrimp, American alligator, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Bennett's Point Road Boat Ramp

Collection Points:

Area Access:

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 500

Boom Type:

Booming Method: Protection/Exclusion

Protection Strategy: 500' boom sections (200' and 300') as depicted across mouth of creek tributaries.



Name: Dredge Area Inlets

Site ID:

SC33-04

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 37' 46.487" N

Longitude (DMS): 80° 25' 23.423" W

County: Colleton

Latitude (DD): 32.63008034

Longitude (DD): -80.42746904

SCAT Division: Colleton County Division 1

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

Managed Area (if applicable): Ace Basin National Estuarine Research Reserve

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: Salt and brackish water marshes, freshwater marshes (herbaceous vegetation)

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, American wigeon, Blue & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked & Ruddy duck, American alligator, various fish species, American 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: Bennett's Point Road Boat Ramp

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: Protection/Exclusion

Protection Strategy: Boom or close tidal gates at three locations.



Name: Marsh

Site ID:

SC33-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 42' 33.772" N

Longitude (DMS): 80° 25' 43.219" W

County: Colleton

Latitude (DD): 32.70938108

Longitude (DD): -80.42867209

SCAT Division: Colleton County Division 1

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11521_1

CHART Name: CHARLESTON HARBOR AND APPROACHES

USGS Quad: 32080-F4

QUAD Name: Fenwick

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type: Freshwater marshes (herbaceous vegetation), freshwater swamps (woody vegetation)

Habitat: Freshwater marshes (herbaceous vegetation), freshwater swamps (woody vegetation)

Wildlife: Common, Hooded & Red-breasted merganser, 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, Spot, Striped mullet, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American 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: West Bank Boat Ramp

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: No Information Provided

Protection Strategy:



Name: Marsh/Dry Land

Site ID:

SC33-06

Protection Priority (Season):

Spring:

☐

Summer:

☐

Fall:

☐

Winter:

☐

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 39' 52.127" N

Longitude (DMS): 80° 24' 35.665"

County: Charleston

Latitude (DD): 32.66448014

Longitude (DD): -80.40990696

SCAT Division: Charleston County Division 4

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

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: Salt and brackish water marshes, freshwater marshes (herbaceous vegetation)

Wildlife: Common, Hooded & Red-breasted merganser, Black & Wood duck, Clapper rail, shorebirds, wading birds, Am. wigeon, Blue-winged & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Northern shoveler, Redhead, Ring-necked & Ruddy duck, Bald eagle, Atl. sturgeon, Herring & shad, Shortnose sturgeon, American alligator, Beaver, Mink, Northern raccoon, River otter

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

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area: Willtown Road Boat Ramp

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: No Information Provided

Protection Strategy:



Name: No Name Creek

Site ID:

SC33-07

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 38' 55.637" N

Longitude (DMS): 80° 29' 15.687" W

County: Colleton

Latitude (DD): 32.648788

Longitude (DD): -80.487691

SCAT Division: Colleton County Division 1

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

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

RESOURCES AT RISK INFORMATION

Shoreline Type:

Habitat: Freshwater marshes (herbaceous vegetation)

Wildlife: Black & Wood duck, Clapper rail, Hooded merganser, shorebirds, wading birds, Bald eagle, Alt. croaker, Atl. menhaden, Atl. sharpnose shark, Atl. stingray, Black & Red drum, Mummichog, Seatrout, Southern & Summer flounder, Spotted seatrout, Striped mullet, Spot, Beaver, Mink, Northern raccoon, River otter

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

RESPONSE CONSIDERATIONS

Staging Area: Bennett's Point Road Boat Ramp**Collection Points:****Area Access:****Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:****Min. Boom Length (FT):** XXX'**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom with XXX' of boom.

Name: Dawho River

Site ID:

SC33-08

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 32° 39' 19.001" N

Longitude (DMS): 80° 23' 12.001" W

County: Charleston

Latitude (DD): 32.65527801

Longitude (DD): -80.38666701

SCAT Division: Charleston County Division 4

ESI Map: SC - 33

ESI Name: Fenwick, SC

NOAA Chart: 11517_1

CHART Name: ST HELENA SOUND

USGS Quad: 32080-F4

QUAD Name: Fenwick

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

Wildlife: Common, Hooded & Red-breasted merganser, Black & Wood duck, Clapper rail, shorebirds, wading birds, Am. wigeon, Blue & Green-winged teal, Bufflehead, Canvasback, Gadwall, Greater & Lesser scaup, Mallard, Mottled duck, Northern pintail, Redhead, Northern shoveler, Ring-necked & Ruddy duck, Bald eagle, Osprey, various fish species, American oyster, Blue crab, Penaeid shrimp, Beaver, Mink, Northern raccoon, River otter

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

RESPONSE CONSIDERATIONS

Staging Area: Willtown Road 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):** 750**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Boom river at mouth; 750' of boom required.