Geographic Response Plan Map: WPFLN-7 83°15'0"W 83°7'30"W Forest Systems Conservation Easement (75) Big Bend Map Continued on Page: WPFLN-6 **WMA** Lower Suwannee National Wildlife Refuge WPFLN07-01 Named Creeks within WPFLN-07 **WPFLN07-02** Shired Creek Seven **Brothers** Lower Suwannee National Wildlife Refuge WPFLN07-03 Shired Island Big Bend Seagrasses Strickland Field Aquatic Conservation Easement Preserve (Entire Map Area) Big Pine anders Cree 83°15'0"W 83°7'30"W Map Continued on Page: WPFLN-8 **Environmentally Sensitive Areas Bio-Socioeconomic** Manatee Mangroves Summer Protection Priority Beach Access Sea Turtle Nesting Beach Marina A - Protect First Airport Aquaculture Leases ♦♦ B - Protect after A Areas NERR Federal Managed Areas Aquaculture C - Protect after B Areas National Park State Managed Areas Response Methods Aquatic Preserve/State Park Piping Plover State Waters/County Line Skimmer Artificial Reef/Hardbottom Power Plant USCG Sector Boundary Shallow Water Skimmer Bird Rookery Collection Point Sea Turtle Nesting Black Bear Habitat General Booming Strategy Seagrass (Length in Feet) Boat Ramp ✓ Incident Command Posts Smalltooth Sawfish Coast Guard S Staging Areas Spring Diving West Central Florida Fish and Wildlife R Oil Spill Risk Sites Area Committee Research Institute Sturgeon H Heliport E Equipment Storage Locations Water Intake High Recreational Beach Tidal Inlet Protection Strategy 1.5 Wildlife Refuge Historical Site Miles

GRP - Oil Spill Sensitive Site Report for Sector: Saint Petersburg GRP Map # WPFLN-7

Name: Named Creeks within WPFLN-07 Site ID: WPFLN07-01

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

Site Description: Shallow coastal shelf bathymetry, submerged SAV bottom type. All Shoreline is tidal marsh and is sensitive habitat. Several

offshore flats exposed at low tide.

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 24' 49.137" **Longitude (DMS):** 83° 13' 39.384" **County:** Dixie

Latitude (DD): 29.413649 Longitude (DD): -83.227607 SCAT Division: Dixie County Division 2

ESI Map: WP1-7 **ESI Name:** Shired Island, Fla.

NOAA Chart 11408 1 CHART Name CRYSTAL RIVER TO HORSESHOE PT

USGS Quad: 29083-D2 QUAD Name: Shired Island

Managed Area (if applicable): Big Bend Seagrasses Aquatic Preserve; Big Bend WMA; Forest Systems Conservation Easement; Lower

Suwannee NWR; Strickland Field Conservation Easement;

General Location: Priority protection points to include Butler Creek, Fishbone Creek, Shired Creek, Sanders Creek. Johnson and Fishbone

Creeks have freshwater springs.

CONTACT INFORMATION

Contacts: FWC Big Bend WMA (Area Biologist) 904-838-1306; Big Bend Aquatic Preserve (Manager) 352-563-0450; Dixie County EMA

(Director) 352-498-1240x224; FWC Non-Game Biologist (NW Region) 386-578-5767; FL State Watch Office 800-320-0519; NRC 800-424-8802; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI Reg Officer 404-331-

4524 or 404-852-5414; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: marsh

Habitat: salt marsh/aquatic marsh, oyster beds, seagrass (SAV), tidal flats,

Wildlife: fisheries, waterfowl and wading birds, shorebirds, Scott's Seaside Sparrow, Gulf Sturgeon, Brown Pelican, West Indian Manatee,

Diamondback Terrapin, sea turtles (Green, Kemp's, Hawksbill, Leatherback), shrimp, blue crab

Threaten/Endangered Species: Sea Turtles, Manatee, Gulf Sturgeon

Socio-Economic Resources:

RESPONSE CONSIDERATIONS

Staging Area Lower Suwannee National Wildlife Refuge

Collection Points: Shallow water skimmers.

Area Access: Boat. Boom adjacent to shore should be accessed at high tides to prevent damage to resources from outboard motors.

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2 Average Current (KTS): Ease of Protection:

Min. Boom Length (FT): 9700 Boom Type: Hard Booming Method: Deflection,

Protection/Exclusion

Protection Strategy:

Deploy exclusion boom at mouths of Un-Named Creek north of Butler Creek (700ft), Butler Creek (500ft), Jim Lee Creek (2000ft), Amason Creek (2300ft), Fishbone Creek (700 ft), Un-Named Creek South of Fishbone (1400ft), Shired Creek (300ft), Johnson Creek (1000ft) and Sanders Creek (1700ft). Best deployment of boom is at the 6' contour line. Deployment of boom may be more detrimental in some areas. Use cascading deflection boom with skimmers placed west of exposed tidal flats to keep oil away from marsh coastline. If incident is isolated to a small geographic area any sensitive shoreline should be protected as best as possible. If incident is offshore, best efforts should be made to contain spill with boom and skimmer.

GRP - Oil Spill Sensitive Site Report for Sector: Saint Petersburg GRP Map # WPFLN-7

Name: Seven Brothers Site ID: WPFLN07-02

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

Site Description: Shallow coastal shelf bathymetry, submerged SAV bottom type. All Shoreline is tidal marsh and is sensitive habitat. Several

offshore flats exposed at low tide.

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 24' 2.002" N **Longitude (DMS):** 83° 14' 7.080" W **County:** Dixie

Latitude (DD): 29.400556 Longitude (DD): -83.235300 SCAT Division: Dixie County Division 2

ESI Map: WP1-7 **ESI Name:** Shired Island, Fla.

NOAA Chart 11408_1 CHART Name CRYSTAL RIVER TO HORSESHOE PT

USGS Quad: 29083-D2 QUAD Name: Shired Island

Managed Area (if applicable): Big Bend Seagrasses Aquatic Preserve; Big Bend WMA; Forest Systems Conservation Easement; Lower

Suwannee NWR; Strickland Field Conservation Easement;

General Location:

CONTACT INFORMATION

Contacts: FWC Big Bend WMA (Area Biologist) 904-838-1306; Big Bend Aquatic Preserve (Manager) 352-563-0450; Dixie County EMA

(Director) 352-498-1240x224; FWC Non-Game Biologist (NW Region) 386-578-5767; FL State Watch Office 800-320-0519; NRC 800-424-8802; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI Reg Officer 404-331-

4524 or 404-852-5414; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: marsh

Habitat: salt marsh/aquatic marsh, oyster beds, seagrass (SAV), tidal flats, clam aquaculture area,

Wildlife: fisheries, waterfowl and wading birds, shorebirds, Scott's Seaside Sparrow, Gulf Sturgeon, Brown Pelican, West Indian Manatee,

Diamondback Terrapin, sea turtles (Green, Kemp's, Hawksbill, Leatherback), shrimp, blue crab

Threaten/Endangered Species: Sea Turtles, Manatee, Gulf Sturgeon

Socio-Economic Resources: Clam aquaculture sites.

RESPONSE CONSIDERATIONS

Staging Area Lower Suwannee National Wildlife Refuge

Collection Points: Shallow water skimmers.

Area Access: Boat. Boom adjacent to shore should be accessed at high tides to prevent damage to resources from outboard motors.

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2 Average Current (KTS): Ease of Protection:

Min. Boom Length (FT): 2700 Boom Type: Hard Booming Method: Deflection,

Protection/Exclusion

Protection Strategy: Deploy deflection boom to protect Seven Brothers tidal flat (~2700ft). Best deployment of boom is at the 6' contour line.

Deployment of boom may be more detrimental in some areas. Use cascading deflection boom with skimmers placed west of exposed tidal flats to keep oil away from marsh coastline. If incident is isolated to a small geographic area any sensitive shoreline should be protected as best as possible. If incident is offshore, best efforts should be made to

contain spill with boom and skimmer.

GRP - Oil Spill Sensitive Site Report for Sector: Saint Petersburg GRP Map # WPFLN-7

Name: Shired Island Site ID: WPFLN07-03

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

Site Description: Shallow coastal shelf bathymetry, submerged SAV bottom type. All Shoreline is tidal marsh and is sensitive habitat. Several

offshore flats exposed at low tide.

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 23' 35.369" **Longitude (DMS):** 83° 12' 56.774" **County:** Dixie

Latitude (DD): 29.393158 Longitude (DD): -83.215770 SCAT Division: Dixie County Division 2

ESI Map: WP1-7 **ESI Name:** Shired Island, Fla.

NOAA Chart 11408 1 CHART Name CRYSTAL RIVER TO HORSESHOE PT

USGS Quad: 29083-D2 QUAD Name: Shired Island

Managed Area (if applicable): Big Bend Seagrasses Aquatic Preserve; Big Bend WMA; Forest Systems Conservation Easement; Lower

Suwannee NWR; Strickland Field Conservation Easement;

General Location:

CONTACT INFORMATION

Contacts: FWC Big Bend WMA (Area Biologist) 904-838-1306; Big Bend Aquatic Preserve (Manager) 352-563-0450; Dixie County EMA

(Director) 352-498-1240x224; FWC Non-Game Biologist (NW Region) 386-578-5767; FL State Watch Office 800-320-0519; NRC 800-424-8802; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI Reg Officer 404-331-

4524 or 404-852-5414; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: marsh

Habitat: salt marsh/aquatic marsh, oyster beds, seagrass (SAV), tidal flats,

Wildlife: fisheries, waterfowl and wading birds, shorebirds, Scott's Seaside Sparrow, Gulf Sturgeon, Brown Pelican, West Indian Manatee,

Diamondback Terrapin, sea turtles (Green, Kemp's ridley, Hawksbill, Leatherback), American Oystercatcher, Bald Eagle, Gulf Salt

Marsh Snake

Threaten/Endangered Species: Sea Turtles, Manatee, Gulf Sturgeon

Socio-Economic Resources: Public Beach (SHIRED ISLAND)

RESPONSE CONSIDERATIONS

Staging Area Lower Suwannee National Wildlife Refuge

Collection Points: Shallow water skimmers.

Area Access: Boat. Boom adjacent to shore should be accessed at high tides to prevent damage to resources from outboard motors.

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT): 2 Average Current (KTS): Ease of Protection:

Min. Boom Length (FT): 2200 Boom Type: Hard Booming Method: Deflection,

Protection/Exclusion

Protection Strategy: Deploy deflection boom at Shired Island (1900ft) and at mouth of Shired Creek (300ft). Best deployment of boom is at

the 6' contour line. Deployment of boom may be more detrimental in some areas. Use cascading deflection boom with skimmers placed west of exposed tidal flats to keep oil away from marsh coastline. If incident is isolated to a small geographic area any sensitive shoreline should be protected as best as possible. If incident is offshore, best efforts

should be made to contain spill with boom and skimmer.

GRP - Oil Spill Staging Area Report for Sector: Saint Petersburg GRP Map # WPFLN-7

Facility Name: Lower Suwannee National Wildlife Refuge Site ID: DI10003FG

Data Collector (Agency): Survey Type: Survey Date:

Managing Agency: U.S. Fish & Wildlife Service
General Manager/Contact Person: 352-493-0238

Contact Phone #: 352-493-0238 SCAT Description: Dixie County Division 2

Physical Address: South on CR 357 to Park

City: Shired Island State: Florida Zip Code 32626 County: Dixie

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 23′ 55.709″ N Longitude (DMS): 83° 12′ 17.251″ W Latitude (DD): 29.39880799 Longitude (DD): -83.20479200

SITE DESCRIPTION

Site Type: Boat Ramp Access:

Operational Status: Scale of Staging Area: Hours of Operation: 24 hours Days of Operation:

Water Type: Salt Water Body Name: Shired Creek

Boat Launch Capability:

Number of Boat Ramps: 1 Number of Boat Ramp Lanes: 1

Number of Boat Slips: 0 Number of Moorings: 0

Boat Ramp Surface Composition: Sand

Water Depth at End of Boat Ramp: Wave Energy at Site:

Shoreline Type in Viewable Viscinity:

Access Constraints: Crane Capabilities:

Collection Point Capabilities:

Parking Capacity for Trailers: 0 Parking Capacity for Cars: 0

Parking Lot Dimensions: Parking Surface: Gravel/Sand/Dirt

Capable for Light or Heavy Equipment and Type:

Boom Available On-Site and Length:

ADDITIONAL AMMENITIES

Fuels Available: Propane or Natural Gas Available

Water Available: Fire Hydrant:

Pumpout Available: Bathrooms Available: No Restrooms

Electricity Amperage Available: Camping Facilities:

Food Available: Security Available and Hours On Duty:

GENERAL INFORMATION AND COMMENTS

Special/Pre-Planned Events and Dates:

Comments:

Photo URL: http://ocean.floridamarine.org/waterphotos/ramp photos/photo id/1908/index.htm