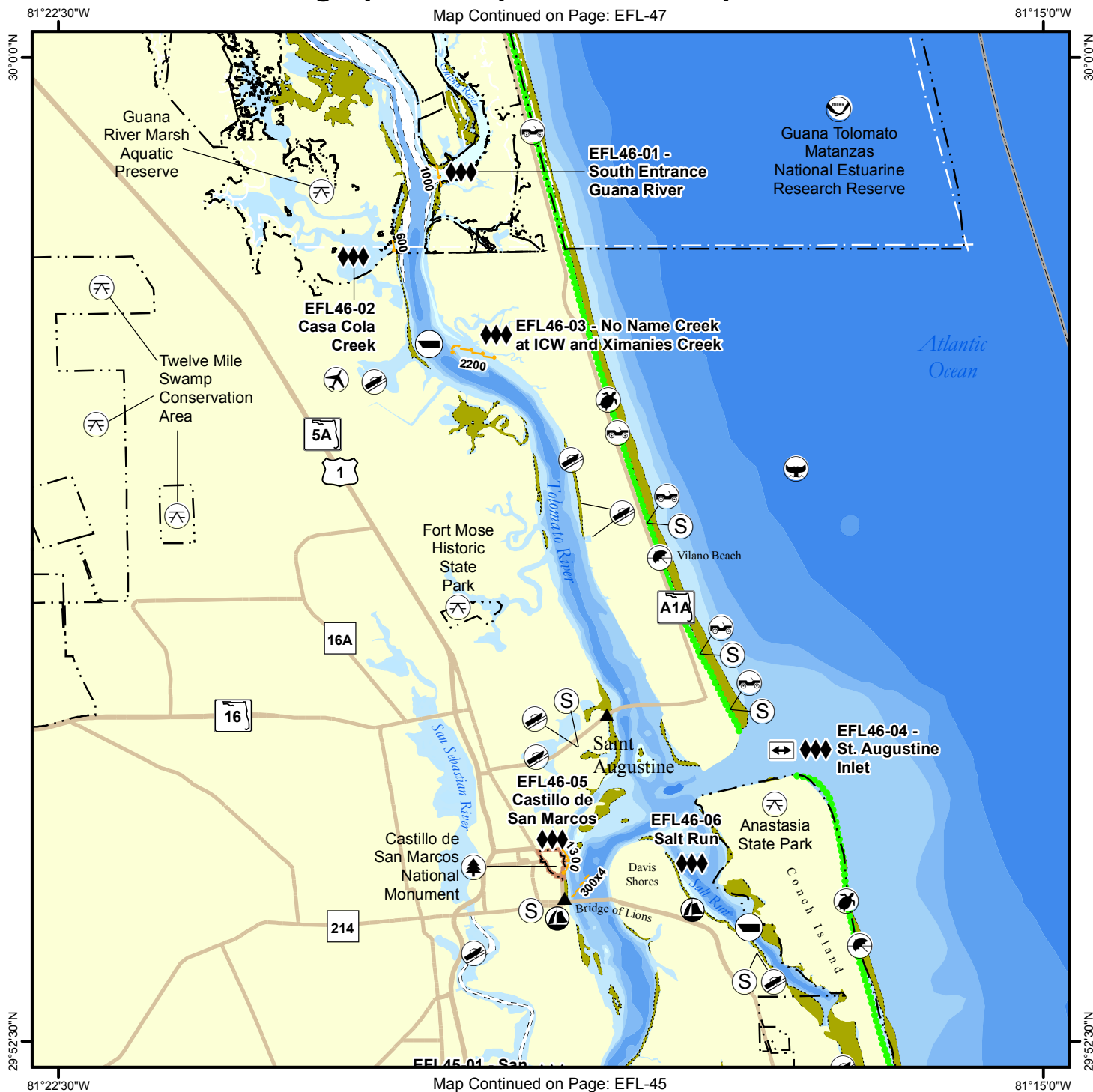
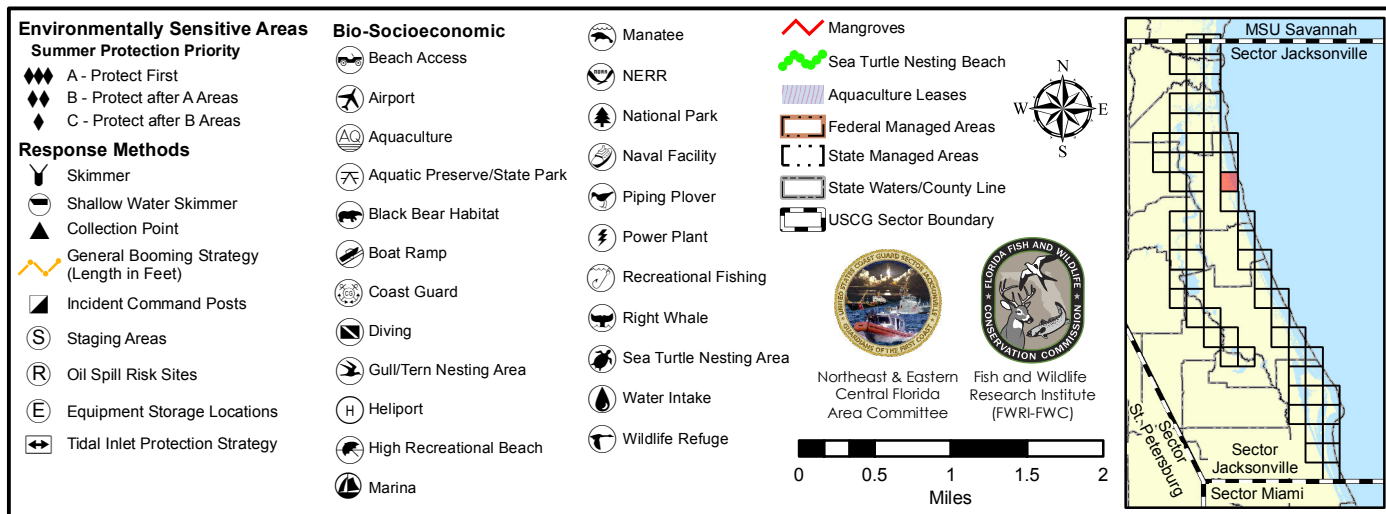


Geographic Response Plan Map: EFL-46

Map Continued on Page: EFL-47



Map Continued on Page: EFL-45



Name: South Entrance Guana River

Site ID:

EFL46-01

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 59' 9.764" N

Longitude (DMS): 81° 19' 27.430"

County: St. Johns

Latitude (DD): 29.986046

Longitude (DD): -81.324286

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable): Guana Tolomato Matanzas National Estuarine Research Reserve, Guana River Marsh Aquatic Preserve

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; FL DEP Northeast Dist. (Jacksonville) 904-256-1700; FL DEP Aquatic Preserve (Manager) 904-823-4500 or 904-696-5994; FWC Non-Game Biologist 352-732-1225; FWC LE Orlando (Dispatch) 407-275-4150 St. Johns Co. Sheriff's Office (Beach Coord.) 904-824-8304; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt and brackish water marshes**Habitat:** Salt marsh**Wildlife:** Least terns, shorebird rookery, shellfish, manatees, dolphin, sea turtles, Diamondback terrapin**Threaten/Endangered Species:** Sea turtles, manatees, Bald eagle nest, Diamondback terrapin**Socio-Economic Resources:** Sport fishing area (economically important)

RESPONSE CONSIDERATIONS

Staging Area Vilano Boat Ramp**Collection Points:** Nearest collection point at base of A1A Bridge, St. Augustine**Area Access:** boat**Spill Risk:** South by A1A bridge: marinas, gas station, airport (plane crashes)**Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Medium**Min. Boom Length (FT):** 1,050**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Deploy 1,050' of barrier boom across south entrance of river. See BMP if manatees are present.

Name: Casa Cola Creek

Site ID:

EFL46-02

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 58' 32.495"

Longitude (DMS): 81° 19' 59.333"

County: St. Johns

Latitude (DD): 29.975693

Longitude (DD): -81.333148

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable): Guana Tolomato Matanzas National Estuarine Research Reserve, Guana River Marsh Aquatic Preserve

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; FL DEP Northeast Dist. (Jacksonville) 904-256-1700; FL DEP Aquatic Preserve (Manager) 904-823-4500 or 904-696-5994; FWC Non-Game Biologist 352-732-1225; FWC LE Orlando (Dispatch) 407-275-4150 St. Johns Co. Sheriff's Office (Beach Coord.) 904-824-8304; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt marsh**Habitat:** Salt marsh**Wildlife:** Least terns, shorebird rookery, shellfish, manatees, dolphin, sea turtles, Diamondback terrapin, oyster beds, wading birds**Threaten/Endangered Species:** Sea turtles, Manatees, Diamondback terrapin**Socio-Economic Resources:** Sport fishing area (economically important)

RESPONSE CONSIDERATIONS

Staging Area Vilano Boat Ramp**Collection Points:** Nearest collection point at base of A1A Bridge, St. Augustine**Area Access:** boat**Spill Risk:** South by A1A bridge: marinas, gas station, airport (plane crashes)**Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Medium**Min. Boom Length (FT):** 550**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Deploy 550' of barrier boom to prevent entrance into creek. See BMP if manatees are present.

Name: No Name Creek at ICW and Ximanies Creek

Site ID:

EFL46-03

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 57' 49.264"

Longitude (DMS): 81° 19' 19.593"

County: St. Johns

Latitude (DD): 29.963684

Longitude (DD): -81.322109

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable):

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; FL DEP Northeast Dist. (Jacksonville) 904-256-1700; FL DEP Aquatic Preserves 904-696-5994; FWC Non-Game Biologist 352-732-1225 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt marsh**Habitat:** Salt marsh**Wildlife:** Least terns, shorebird rookery, shellfish, manatees, dolphin, sea turtles, Diamondback terrapin**Threaten/Endangered Species:** Sea turtles, manatees, Bald eagle nest, Least tern, Diamondback terrapin**Socio-Economic Resources:** Sport fishing area (economically important)

RESPONSE CONSIDERATIONS

Staging Area Vilano Boat Ramp**Collection Points:** Shallow water skimmer**Area Access:** boat**Spill Risk:** South by A1A bridge: marinas, gas station, airport (plane crashes)**Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Medium**Min. Boom Length (FT):** 1,650**Boom Type:****Booming Method:** Protection/Exclusion**Protection Strategy:** Deflection to containment boom with shallow-water skimmer. At low tide there is less than 1' of water. See BMP if manatees are present.

Name: St. Augustine Inlet

Site ID:

EFL46-04

Protection Priority (Season):

Spring:

A

Summer:

A

Fall:

A

Winter:

A

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 54' 34.860"

Longitude (DMS): 81° 17' 17.645"

County: St. Johns

Latitude (DD): 29.909683

Longitude (DD): -81.288235

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable): Anastasia State Park

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; FL DNR Anastasia State Recreation Area (Park Manager) 904-461-2000; St. Johns County Sheriffs Office (Beach Coord.) 904-824-8304; FWC Non-Game Biologist 352-732-1225 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt marsh, sand beach, riprap**Habitat:** Sandy beach, salt marsh**Wildlife:** Least terns, shorebird rookery, shellfish, sea turtles, gulls and terns**Threaten/Endangered Species:** Anastasia Island beach mouse (on Conch Island), sea turtles, manatees, nesting Least terns, Wilson's plover**Socio-Economic Resources:** Commercial/sport fishing area (economically important), recreational beach

RESPONSE CONSIDERATIONS

Staging Area Vilano Boat Ramp**Collection Points:** At base of A1A Bridge or Bridge of Lions**Area Access:** boat/vehicle**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Hard**Min. Boom Length (FT):****Boom Type:****Booming Method:** Deflection

Protection Strategy: St. Augustine Inlet can not be boomed due to the swift current entering and exiting. Diverting oil offshore to the north or south beaches will aid in cleanup. See St. Augustine Inlet TIPS. No staging in/on sand dunes. Be aware of venomous snakes in sand dunes.



Name: Castillo de San Marcos

Site ID:

EFL46-05

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 53' 52.044"

Longitude (DMS): 81° 18' 41.538"

County: St. Johns

Latitude (DD): 29.897790

Longitude (DD): -81.311538

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable): Castillo de San Marcos National Monument

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; National Park Service (Superintendent) 904-829-6506; FWC Non-Game Biologist 352-732-1225; City of St. Augustine Police Dept. 904-825-1070 NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Seawall - cocoquina rock**Habitat:** N.A.**Wildlife:** N.A.**Threaten/Endangered Species:** N.A.**Socio-Economic Resources:** Historical site

RESPONSE CONSIDERATIONS

Staging Area Vilano Boat Ramp**Collection Points:** Base of Bridge of Lions**Area Access:** boat/vehicle**Spill Risk:****Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Medium**Min. Boom Length (FT):** 2,450**Boom Type:****Booming Method:** Deflection, Protection/Exclusion**Protection Strategy:** 1,200' deflection boom placed so as to direct oil to base of Bridge of Lions on west side. 1,250' protection boom in front of Fort.

Name: Salt Run

Site ID:

EFL46-06

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

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 53' 57.087"

Longitude (DMS): 81° 17' 38.605"

County: St. Johns

Latitude (DD): 29.899191

Longitude (DD): -81.294057

SCAT Division: St. Johns County Division 2

ESI Map: EFL-46

ESI Name: St. Augustine, Fla.

NOAA Chart 11485_1

CHART Name: TOLOMATO RIVER TO PALM SHORES FLORIDA FF-GG

USGS Quad: 29081-H3

QUAD Name: Saint Augustine

Managed Area (if applicable): Anastasia State Park

General Location:

CONTACT INFORMATION

Contacts: FL State Watch Office 800-320-0519; NRC 800-424-8802; Anastasia State Park (Manager) 904-669-6077; FWC Non-Game Biologist 352-732-1225; City of St. Augustine Police Dept. 904-825-1070 St. Johns Co. Sheriffs Office (Beach Coord.) 904-824-8304; NOAA-SSC (USCG District 7) 305-530-7925(o) 954-684-8486(c) 206-526-4911(24hr); DOI - Regional Environmental Officer 404-331-4524 or 617-223-8565; DEP-OER 850-245-2873

RESOURCES AT RISK INFORMATION

Shoreline Type: Salt marsh, man-made structures**Habitat:** Salt marsh**Wildlife:** Manatees, dolphins, shorebirds, wading birds, sea turtles, oyster bed**Threaten/Endangered Species:** Manatees, sea turtles**Socio-Economic Resources:** Recreational and commercial fishing

RESPONSE CONSIDERATIONS

Staging Area Lighthouse Boat Ramp**Collection Points:****Area Access:****Spill Risk:** Marinas: Conch Marina, Lighthouse Boat Ramp**Response Resources:**

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):**Average Current (KTS):****Ease of Protection:** Medium**Min. Boom Length (FT):****Boom Type:****Booming Method:****Protection Strategy:** If spill is offshore, see St. Augustine Inlet TIPS. If spill is from marina use shallow-water skimmer. See BMP if manatees are present.

Facility Name: North Beach Park

Site ID:

Data Collector (Agency): FWC-FWRI

Survey Type: Planning

Survey Date:

Managing Agency:

General Manager/Contact Person:

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: 24th St and Coastal Highway (A1A)

City: St. Augustine

State: Florida

Zip Code 32084

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 56' 25.824" N

Longitude (DMS): 81° 18' 3.734" W

Latitude (DD): 29.94050661

Longitude (DD): -81.30103721

SITE DESCRIPTION

Site Type: Staging Area

Access:

Operational Status:

Scale of Staging Area:

Hours of Operation:

Days of Operation:

Water Type:

Water Body Name:

Boat Launch Capability: No Ramp

Number of Boat Ramps:

Number of Boat Ramp Lanes:

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition:

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:

Parking Capacity for Cars:

Parking Lot Dimensions:

Parking Surface:

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:

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:



Facility Name: Surfside Park

Site ID:

Data Collector (Agency): FWC-FWRI

Survey Type: Planning

Survey Date:

Managing Agency:

General Manager/Contact Person:

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: 3070 Coastal Hwy

City: St. Augustine

State: Florida

Zip Code 32084

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 55' 26.494" N

Longitude (DMS): 81° 17' 39.121" W

Latitude (DD): 29.92402619

Longitude (DD): -81.29420041

SITE DESCRIPTION

Site Type: Staging Area

Access:

Operational Status:

Scale of Staging Area:

Hours of Operation:

Days of Operation:

Water Type:

Water Body Name:

Boat Launch Capability: No Ramp

Number of Boat Ramps:

Number of Boat Ramp Lanes:

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition:

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:

Parking Capacity for Cars:

Parking Lot Dimensions:

Parking Surface:

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:

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:



Facility Name: Lighthouse Park

Site ID: SJ00422RL

Data Collector (Agency): FWC-FWRI

Survey Type: Planning

Survey Date:

Managing Agency: St. Johns County

General Manager/Contact Person:

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: Red Cox Drive

City: St. Augustine

State: Florida

Zip Code 32080

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 53' 8.699" N

Longitude (DMS): 81° 17' 10.629" W

Latitude (DD): 29.88574971

Longitude (DD): -81.28628586

SITE DESCRIPTION

Site Type: Stand Alone Ramp

Access: Government Owned for General Public Use

Operational Status: Open For Business

Scale of Staging Area:

Hours of Operation: 24 Hours

Days of Operation:

Water Type: Saltwater

Water Body Name: Salt Run

Boat Launch Capability:

Number of Boat Ramps: 1

Number of Boat Ramp Lanes: 2

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition: Poured in place concrete

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: 12

Parking Capacity for Cars: 15

Parking Lot Dimensions:

Parking Surface: Asphalt

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: Port-a-let

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/4109/index.htm

Facility Name: Vilano Boat Ramp

Site ID: SJ00438EY

Data Collector (Agency): FWC-FWRI

Survey Type: Planning

Survey Date:

Managing Agency: St. Johns County

General Manager/Contact Person:

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: Vilano Causeway

City: Saint Augustine

State: Florida

Zip Code 32084

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 54' 44.079" N

Longitude (DMS): 81° 18' 32.609" W

Latitude (DD): 29.91224419

Longitude (DD): -81.30905793

SITE DESCRIPTION

Site Type: Stand Alone Ramp

Access: Government Owned for General Public Use

Operational Status: Open For Business

Scale of Staging Area:

Hours of Operation: 24 Hours

Days of Operation:

Water Type: Saltwater

Water Body Name: Tolomato River / St. Augustine Inlet

Boat Launch Capability:

Number of Boat Ramps: 2

Number of Boat Ramp Lanes: 4

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition: Poured in place concrete

Wave Energy at Site:

Water Depth at End of Boat Ramp:

Shoreline Type in Viewable Viscinity:

Access Constraints:

Crane Capabilities:

Collection Point Capabilities:

Parking Capacity for Trailers: 64

Parking Capacity for Cars: 30

Parking Lot Dimensions:

Parking Surface: Multiple Surfaces

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: Flush

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/4114/index.htm

Facility Name: St. Augustine Municipal Marina #9

Site ID:

Data Collector (Agency):

Survey Type:

Survey Date:

Managing Agency: unk

General Manager/Contact Person: unk

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: 111 Avenida Menendez

City: St. Augustine

State: Florida

Zip Code 32084

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 53' 30.000" N

Longitude (DMS): 81° 18' 54.001" W

Latitude (DD): 29.89166673

Longitude (DD): -81.31500025

SITE DESCRIPTION

Site Type: Staging

Access:

Operational Status:

Scale of Staging Area:

Hours of Operation:

Days of Operation:

Water Type:

Water Body Name:

Boat Launch Capability:

Number of Boat Ramps:

Number of Boat Ramp Lanes:

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition:

Water Depth at End of Boat Ramp: 6-10' @ 20' out

Wave Energy at Site:

Shoreline Type in Viewable Viscinity: seawall, rip-rap

Access Constraints: paved to sidewalk, grass to seawall

Crane Capabilities:

Collection Point Capabilities:

Parking Capacity for Trailers:

Parking Capacity for Cars:

Parking Lot Dimensions:

Parking Surface:

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: 6-10' @ 20' out

Fire Hydrant:

Pumpout Available:

Bathrooms Available:

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:



Facility Name: Commachee Cove #7

Site ID:

Data Collector (Agency):

Survey Type:

Survey Date:

Managing Agency: Commachee Cove Yacht Harbor

General Manager/Contact Person: (904)829-5676

Contact Phone #:

SCAT Description: St. Johns County Division 2

Physical Address: 3070 Harbor Dr

City: St. Augustine

State: Florida

Zip Code 32084

County: St. Johns

GEOSPATIAL INFORMATION

Latitude (DMS): 29° 54' 57.832" N

Longitude (DMS): 81° 17' 22.030" W

Latitude (DD): 29.91606436

Longitude (DD): -81.28945272

SITE DESCRIPTION

Site Type: Staging

Access:

Operational Status:

Scale of Staging Area:

Hours of Operation:

Days of Operation:

Water Type:

Water Body Name:

Boat Launch Capability:

Number of Boat Ramps:

Number of Boat Ramp Lanes:

Number of Boat Slips:

Number of Moorings:

Boat Ramp Surface Composition:

Water Depth at End of Boat Ramp: 8-10' inside marina

Wave Energy at Site:

Shoreline Type in Viewable Viscinity: concrete bulkhead, marsh

Access Constraints: paved to marina bulkhead

Crane Capabilities:

Collection Point Capabilities:

Parking Capacity for Trailers:

Parking Capacity for Cars:

Parking Lot Dimensions:

Parking Surface:

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: 8-10' inside marina

Fire Hydrant:

Pumpout Available:

Bathrooms Available:

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:



INLET SUMMARY SHEET

SITE: St. Augustine Inlet, St. Johns County

DATE AND TIME OF ORIGINAL FIELD SURVEY [TIDE]: 27 June 1994; 1800
[Low @ 0653 (+0.4), St. Augustine Beach]

UPDATED:

In October 2011 using imagery collected in 2010 and 2011.

RANKING (DEGREE OF DIFFICULTY): (see ranking scale)

A.

PRINCIPAL RESOURCES AT RISK:

Salt marsh system. Atlantic loggerhead turtles nest on outer beaches. Seabirds, including the Least tern. Mounds of the Eastern oyster occur on some of the tidal flats. Marina Facilities, boats, and seawalls, revetments, docks, etc. along the Matanzas and Tolomato Rivers and Salt Run. For more information consult the recent ESI maps and data and the GRP.

PRELIMINARY PROTECTION STRATEGY:

Divert oil entering the inlet through the marginal flood channels to collection points on the outer sand beaches (CPs 1 and 2) (under mild conditions). Inside the inlet, boom off the entrance to Salt Run and use a limb of deflection boom to divert oil away from this channel. Extend this main line of deflection boom all the way to the seawall along the St. Augustine waterfront located just north of the west side of the Bridge of Lions (CP8). Anchor a Christmas tree configuration of deflection boom in the main inlet channel so that the north limb diverts oil to a sand collection point on the landward side of Point Vilano (CP3) and the south limb diverts oil across the Tolomato River to a small boat ramp on the mainland shoreline (CP7). The shoreline from CP3 on Point Vilano to the sand beach at CP4 should be aligned with protection boom. Use a line of deflection boom anchored to the trailing spit of the sand shoal in the middle of the channel to divert oil to a sand beach collection point on the southeast side of the new A1A Bridge (CP4). Anchor a Christmas tree configuration of deflection boom to the landward side of the sand shoal (flood-tidal delta) south of the A1A Bridge and extend both limbs of the Christmas tree beneath the bridge, so that the east limb diverts oil to a sand beach collection point on the northeast side of the new A1A Bridge (CP5) and the west limb to an open water

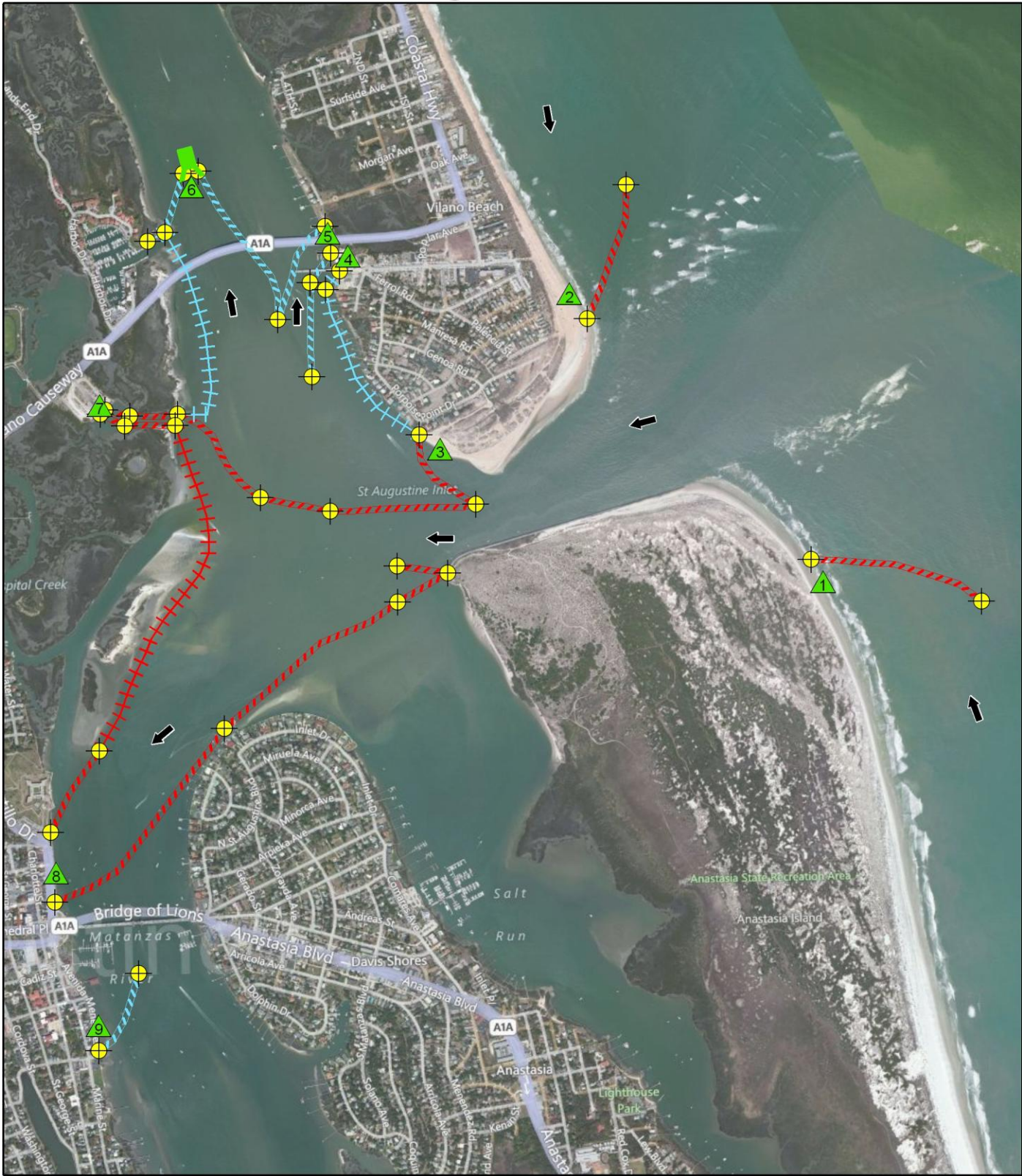
INLET SUMMARY SHEET

SITE: St. Augustine Inlet, St. Johns County (continued)

PRELIMINARY PROTECTION STRATEGY (continued):

skimmer in the middle of the channel about 400 yards upstream of the bridge. Extend a line of deflection boom from the north side of the entrance to a large marina (west side of channel just north of the A1A Bridge) to the skimmer at CP6. From the same spot at the marina entrance, extend a line of protection boom in a southerly direction to the north side of the entrance to the boat ramp at CP7. Place deflection boom along both sides of the boat ramp entrance to deflect oil to the boat ramp itself. From the south side of the boat ramp entrance, extend approximately one mile of protection boom to the south outside of a zone of marshland and tidal flats in the area between the boat ramp and the fortress. Attach about 300 yards of deflection boom to the south end of this long line of protection boom in order to deflect oil to the seawall at CP8. As a backup, place another line of deflection boom anchored in the middle of the Matanzas River about 100 yards or so south of the Bridge of Lions. Attach this line of boom to a seawall further to the south (CP9). This collection point is located on a long zone of seawall (about 450 yards south of the Bridge of Lions).

St. Augustine Inlet



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1:22,500



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #1

Relative Location: Outer beach on south shore just south of the inlet in the Anastasia State Recreation Area.

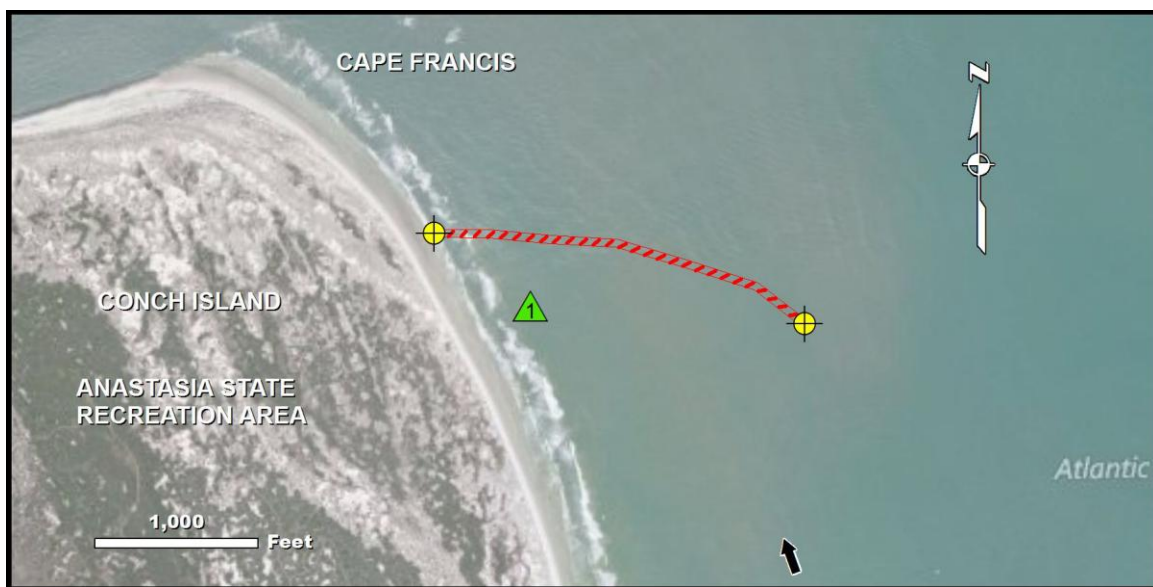
Latitude: 29° 54' 19.153" N Longitude: 81° 16' 43.961" W

Water Depth Description: 3-5' depth @ 20' off beach.

Currents/Tide Information: 1-3 knots maximum flood current along shore toward the north during rising tides, 4'-5' average tidal range.

Shoreline Description: Fine-grained sand.

Access: Inaccessible to all but 4x4 vehicles, from beach access point, 3 miles to south; May have to use boat access via the main inlet channel (land on north end of beach).



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #2

Relative Location: North side of St. Augustine Inlet on Vilano Beach at the end of Viejo St.

Latitude: 29° 54' 53.216" N Longitude: 81° 17' 17.247" W

Water Depth Description: 4' depth @ 15' off beach, 6' depth @ 20' out, dropping thereafter.

Currents/Tide Information: 1-3 maximum flood current along shore toward the south during rising tides, 4'-5' average tidal range.

Shoreline Description: Soft shell/sand beach.

Access: Paved to beach access, then hard pack sand for 200 yards, then shell /sand for 100 yards to the water; also paved road access at end of Viejo Street (south of beach entry) to 200 yards from water, soft shell /sand.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #3

Relative Location: West side of south tip of Vilano Point, off Porpoise Point Dr.

Latitude: 29° 54' 37.763" N Longitude: 81° 17' 41.523" W

Water Depth Description: 4' depth @ 10' off beach, 6' depth @ 20' out.

Currents/Tide Information: Expect flood currents of 2-4 knots, 4'-5' average tidal range.

Shoreline Description: Sandy/shell beach.

Access: Paved to beach access, then sand beach for 200 yards.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #4

Relative Location: Just north of the old A1A Bridge (east side of channel; now a pier?) on Vilano Beach peninsula.

Latitude: 29° 55' 2.052" N

Longitude: 81° 17' 54.695" W

Water Depth Description: 3'-4' depth near beach, 12' depth @ 15' out.

Currents/Tide Information: 1-3 knots maximum flood, 4'-5' average tidal range.

Shoreline Description: Fine-grained sand beach.

Access Developed area; parking close by.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #5

Relative Location: On Vilano Beach peninsula (west side). Just north of the new A1A Bridge.

Latitude: 29° 55' 5.633" N

Longitude: 81° 17' 55.325" W

Currents/Tide Information: 1-3 knots, 4'-5' tidal range.

Shoreline Description: Fine-grained sand beach.

Access: Developed area. Parking nearby.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #6 (open water skimmer).

Relative Location: In Tolomato River about 400 yards north of the new A1A Bridge.

Latitude: 29° 55' 13.206" N Longitude: 81° 18' 15.985" W

Currents: Possibly up to 3 knots (no better data available).

Access: By watercraft.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #7

Relative Location: Boat ramp on west side of Tolomato River near the Vilano Causeway (highway A1A).

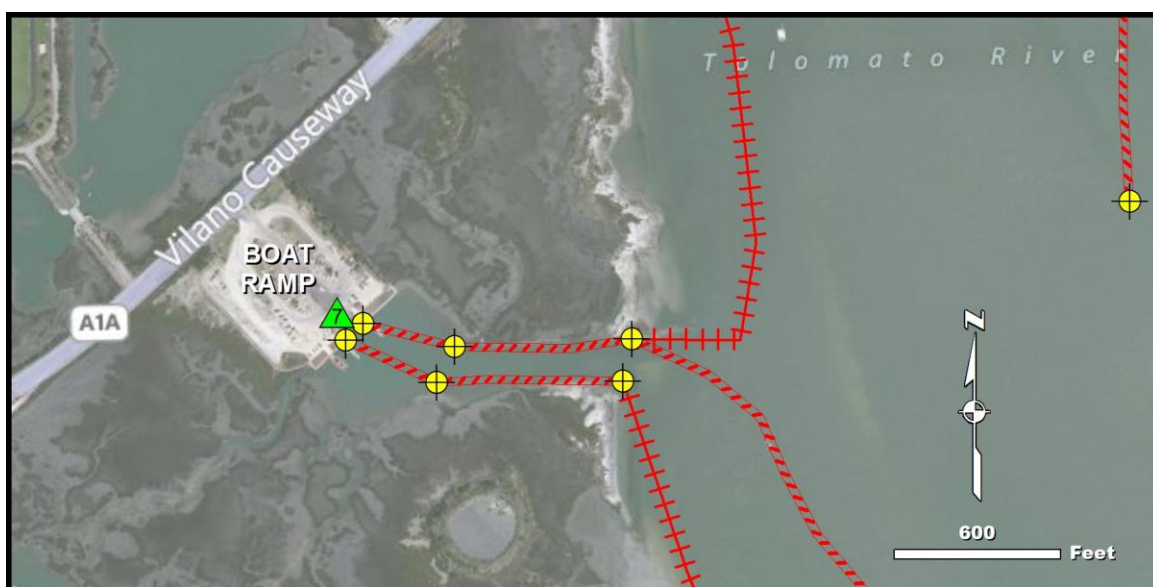
Latitude: 29° 54' 42.374" N

Longitude: 81° 18' 30.523" W

Shoreline Description: Paved ramp.

Currents: <1 knot.

Access: Drive to ramp.



Collection Point Description

Inlet: St. Augustine Inlet

Site Name: Collection Point #8

Relative Location: Just north of Bridge of Lions on the downtown side of the Matanzas River.

Latitude: 29° 53' 39.441" N Longitude: 81° 18' 38.694" W

Water Depth Description: 10'-12' depth @ 15' out.

Currents: 1-2 knots.

Shoreline Description: Seawall, riprap.

Access: Paved road to sidewalk, then bulkhead, water.



Collection Point Description

Inlet: **St. Augustine Inlet**

Site Name: Collection Point #9

Relative Location: In downtown St. Augustine, 450 yards south of the Bridge of Lions.

Latitude: 29° 53' 18.129" N Longitude: 81° 18' 32.760" W

Shoreline Description: Concrete seawall.

Currents: 1-2 knots.

Access: Along side of a major city street, Aveninda Menendez.

