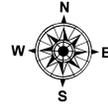


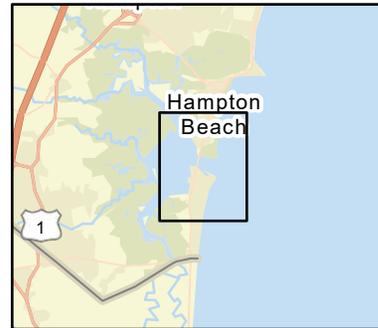
A-01-1

Hampton Harbor and Blackwater River Hampton, NH

0 1,000 2,000
Feet

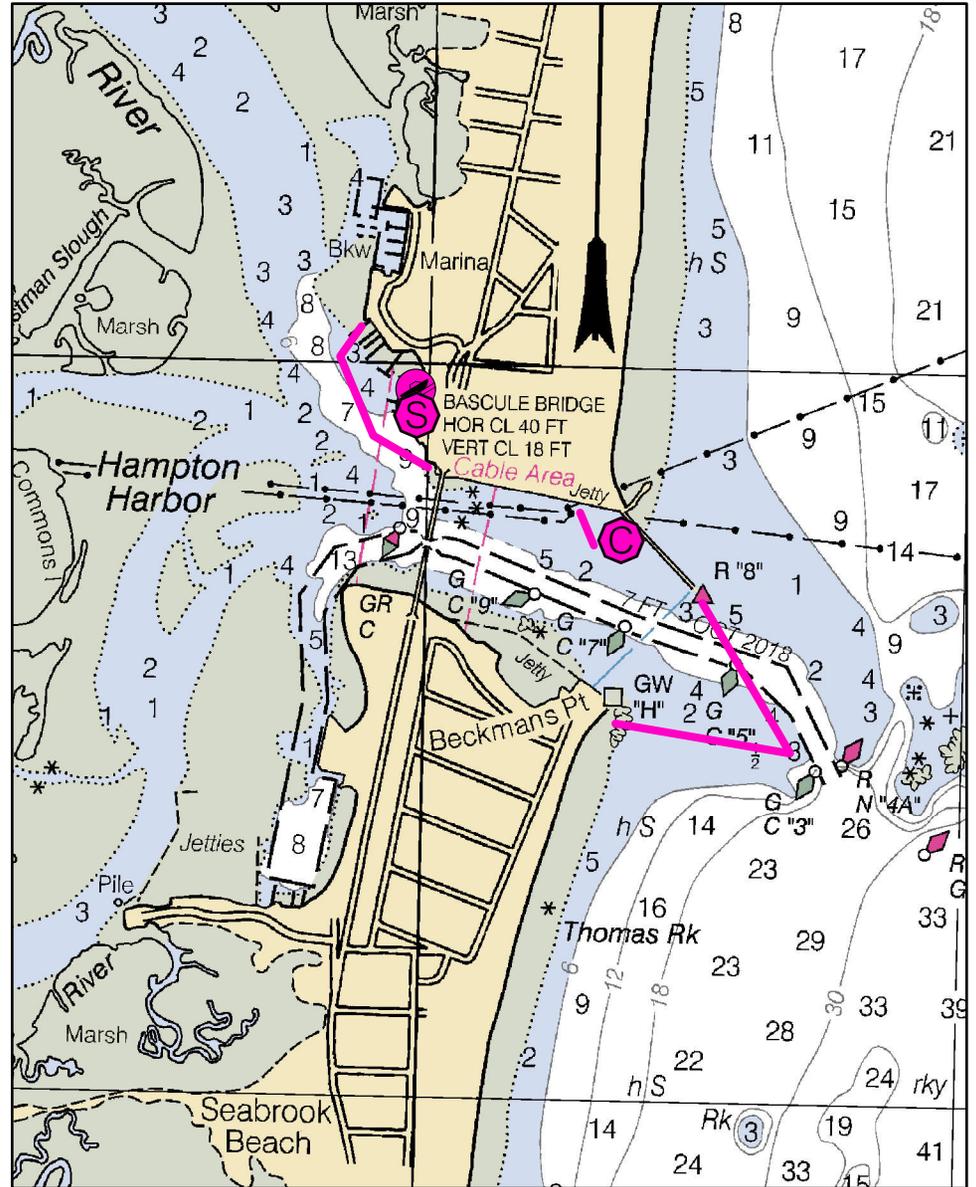


Date printed: 9/10/2022 7:48 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-01-1 Hampton Harbor and Blackwater River

Town	Hampton, NH	Port Region	New Hampshire and Southern Maine
Latitude	42° 53.645 N	Longitude	70° 48.644 W
Approx. Tidal Range (feet)	0 - 9'	NOAA Chart #	13278_2
Max Current (knots)	Flood 5	ESI Map #	57C, 56C
	Ebb 2	EVI Map #	N/A
Source	Estimated	DeLorme Map # (2019)	31 (NH); 1 E3 (ME)

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)
ESI Secondary Shoreline Type Mixed sand and gravel beaches (5)

Environmental Concerns Extensive salt marsh, shellfish beds, diadromous fish runs, shorebird habitat

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from inner harbor and contain or exclude oil at New Hampshire State Fish Pier

Staging Areas Hampton River Marina boat ramp, 55 Harbor Road, Hampton NH on north side of harbor. Access via route 1A southbound.

Site Access Hampton River Marina boat ramp, 55 Harbor Road, Hampton, NH on north side of harbor. Access via route 1A southbound.

Nearest Boat Ramp Less than 1/4 mile. Hampton River Marina boat ramp on north side of harbor.

Collection Points Off the state park seawall in the natural eddy.

Special Instructions

Work Assignment This is a 2 piece exclusionary configuration totaling 4.600 feet with an additional 300 foot containment piece. Parts can be deployed alone or together as conditions/resources allow.

PRIORITY 1
1,500 foot section from Beckman's Point toward buoy C3.
1,500 foot section from end of Hampton Harbor inlet jetty to end of other boom near buoy

PRIORITY 2
Enclose State Fish Pier, north of the inlet.
1,600 foot of boom from the shore near the inside of the route 1A bridge to a point north of the last dock

PRIORITY 3
300 foot section off the state park seawall east of the natural eddy for collection.

Recommended Equipment / Resources

Length of Boom (feet)	4900	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy. 5 - shoreside connections 1 - vacuum truck or skimmer and storage 2 - workboats with minimum 90 hp 2 - boat operators 4 -6 laborers		

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

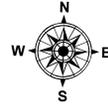
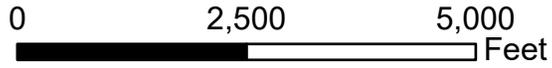
Last Desktop Validation: 9/13/2020

Last Field Visit: 8/26/2003

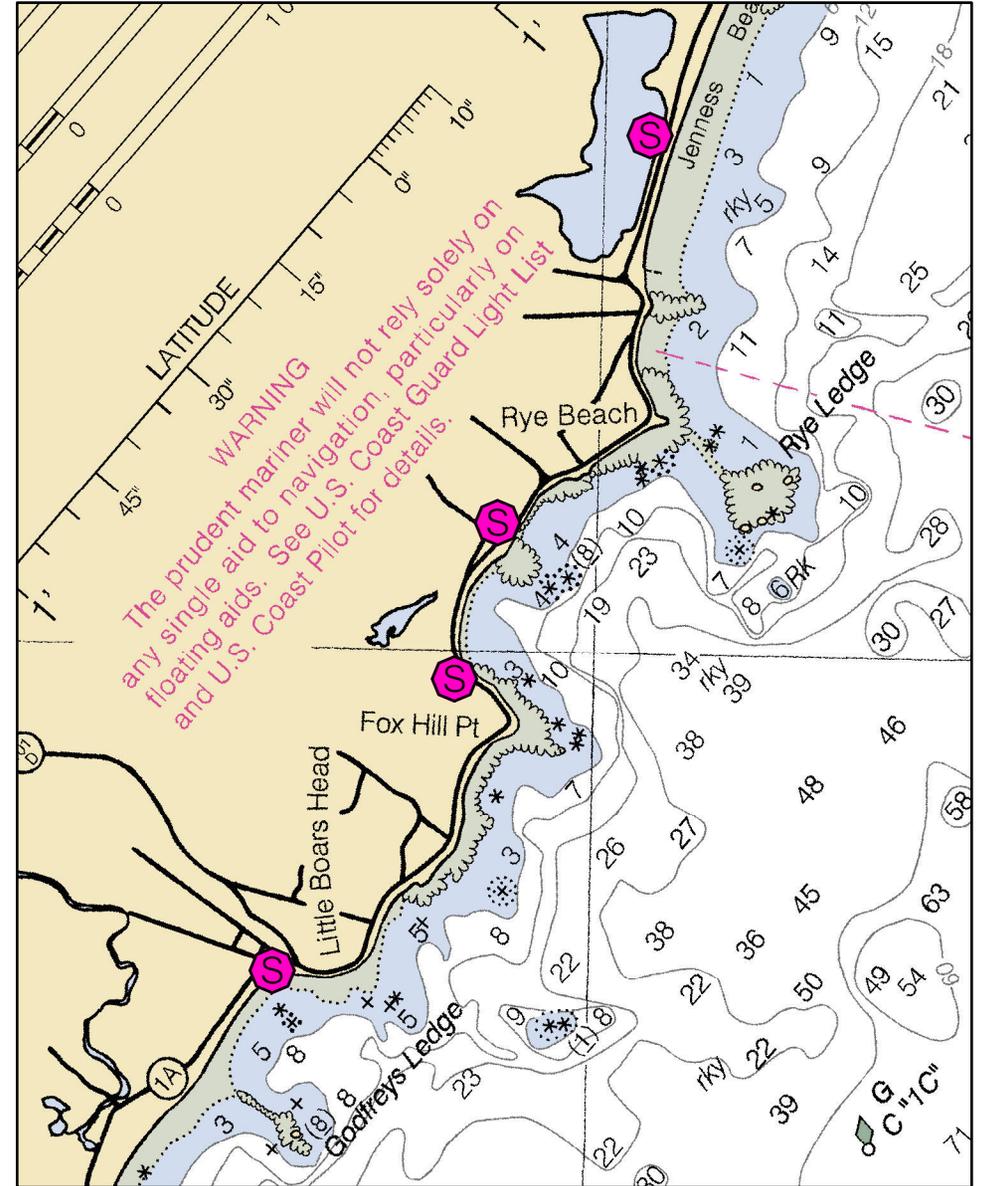
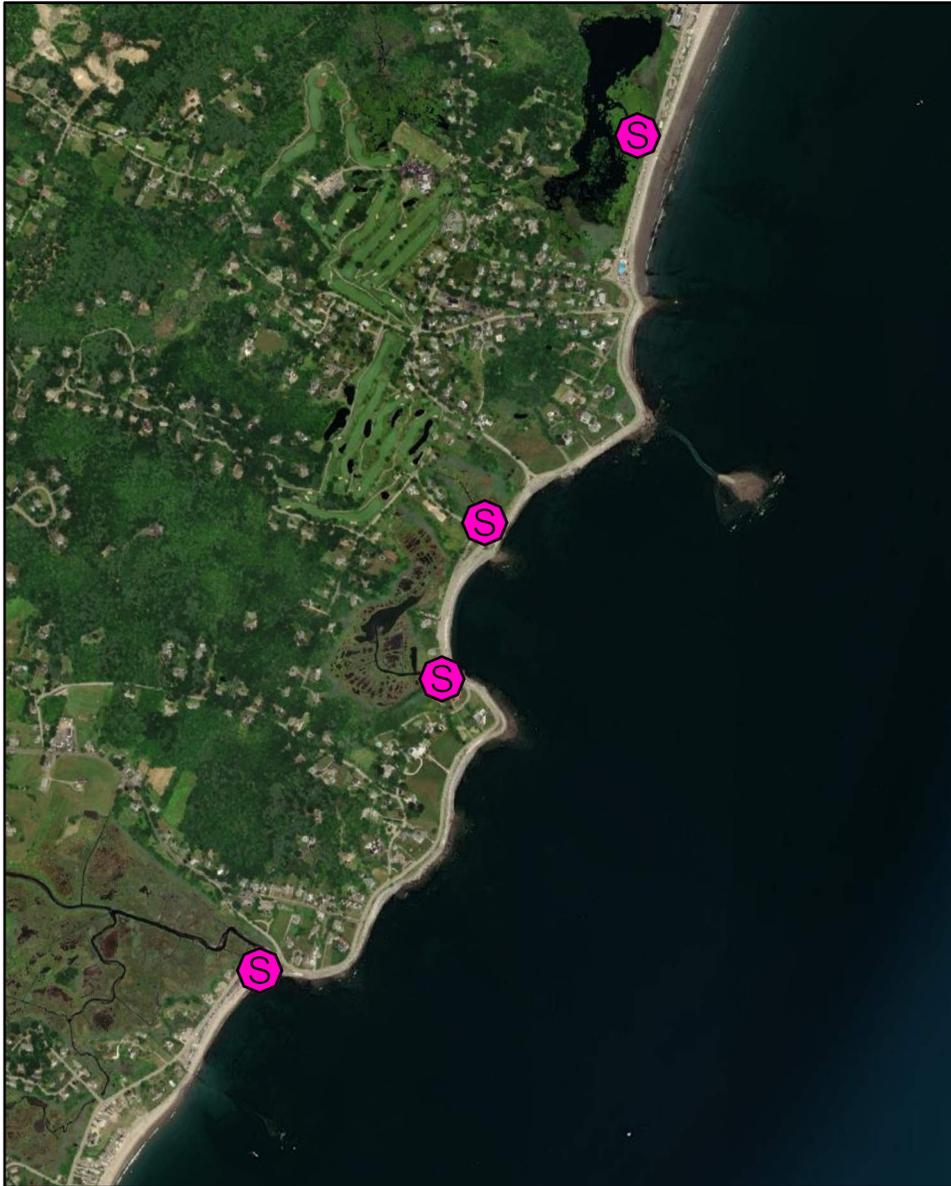
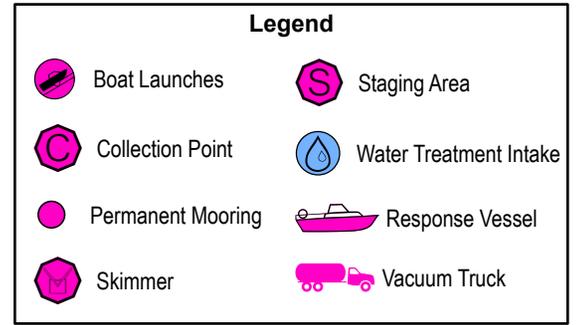
Last Field Test:

A-01-2

Little River, North Hampton to Jenness Beach, Rye North Hampton / Rye, NH



Date printed: 9/11/2022 7:03 AM



A-01-2 Little River North Hampton to Jenness Beach, Rye

Town	North Hampton and Rye, NH	Port Region	New Hampshire and Southern Maine
Latitude	varies	Longitude	varies
NOAA Chart #	13274_2		
Approx. Tidal Range (feet)	9	ESI Map #	56B, 56C
Max Current (knots)	Flood	EVI Map #	N/A
Source	Ebb	DeLorme Map # (2019)	31, 30 (NH); 1 D3 (ME)

Resources At Risk

ESI Primary Shoreline Type	Mixed sand and gravel beaches (5)
ESI Secondary Shoreline Type	Riprap (6B)

Environmental Concerns Extensive salt marsh, shorebird and waterfowl habitat, shellfish beds, sturgeon

Archaeological Conflicts

Strategy Information

Strategy Purpose	To prevent oil from entering marshes through culverts
Staging Areas	All accessed by road along Route 1A
Site Access	Route 1A
Nearest Boat Ramp	N/A
Collection Points	Via vac truck on Route 1A.
Special Instructions	May need traffic control
Work Assignment	Block the flow of oil at the culverts at inland and/or ocean side with boom or alternate method (plywood and poly for underflow dam or sand and poly)

Recommended Equipment / Resources

Length of Boom (feet)	4 segments for culverts	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	For each: One length of boom or plywood/poly, or sand with excavator or skid steer plus poly		

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/29/2019

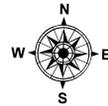
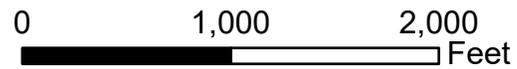
Last Field Visit:

Last Field Test:

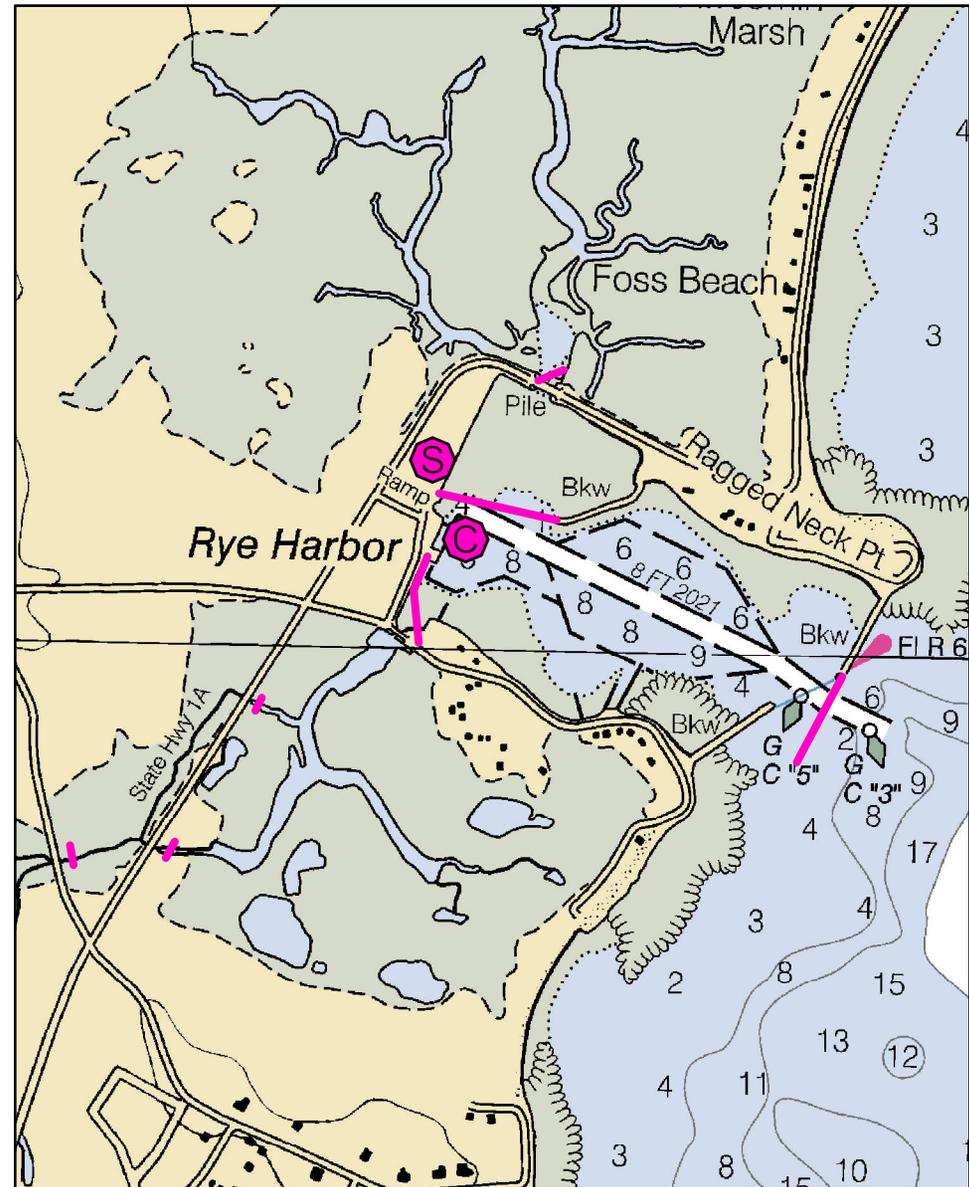
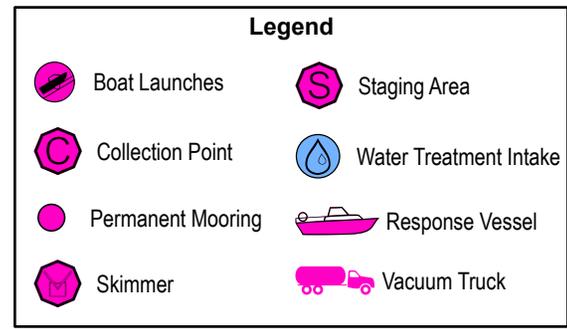
A-02-1

Rye Harbor

Rye, NH



Date printed: 9/10/2022 7:48 PM



A-02-1 Rye Harbor

Town	Rye, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 0.056' N	Longitude	70° 44.944' W
Approx. Tidal Range (feet)	10	NOAA Chart #	13283_1
Max Current (knots)	Flood	ESI Map #	56B
Source	Ebb	EVI Map #	N/A
		DeLorme Map # (2019)	30 (NH); 1 C3,C4,D3,D4 (ME)

Resources At Risk

ESI Primary Shoreline Type	Exposed tidal flats (7)
ESI Secondary Shoreline Type	Mixed sand and gravel beaches (5)

Environmental Concerns Salt marsh, smelt run, shorebirds and waterfowl, softshell clam (special concern)

Archaeological Conflicts

Strategy Information

Strategy Purpose	To prevent oil from entering Rye Harbor and adjacent salt marsh
Staging Areas	Parking lot at Rye Harbor, 1730 Ocean Boulevard, Rye, NH
Site Access	Rye Harbor
Nearest Boat Ramp	Rye Harbor
Collection Points	At boat ramp for Priority 1 and from Harbor Road for Priority 3
Special Instructions	
Work Assignment	This is a multi part set of strategies with backup measures to the south and north of the harbor. Parts can be deployed alone or together as conditions/resources allow. PRIORITY 1 Deploy 600 feet between the north end of the boat ramp and the end of the inner jetty. PRIORITY 2 Deploy 500 feet across the south creek inside the harbor. PRIORITY 3 Deploy 500 feet from north jetty to a point between can buoys #3 & 5. PRIORITY 4 Deploy 150 feet across the north creek upriver of Rt. 1A bridge. PRIORITY 5 Protect south creek in 3 locations where it passes under Rt. 1A and at Locke Rd.

Recommended Equipment / Resources

Length of Boom (feet)	1750	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	Priorities 1, 2, 4 and 5: 1 workboat, with minimum 90 hp 1 - skimmer and storage 1 - boat operator 4 -6 laborers Priority 1: 2 shoreside connections Priority 2: 3 shoreside connections Priority 4: 2 shoreside connections Priority 5: 6 shoreside connections or other means of blocking culverts (plywood/poly or sand and poly using excavator or skid steer)	Priority 3: 2 - workboats: 1 to connect close to jetty and 1 towing vessel, 250 hp minimum 2 - anchor sets, 45 lb. minimum and line for 3:1 scope plus tag line with buoys, or 1 anchor set and 1 shoreside connection	

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

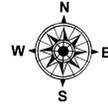
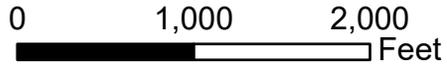
Last Desktop Validation: 10/29/2019

Last Field Visit: 8/26/2003

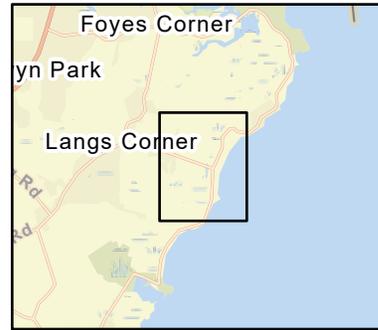
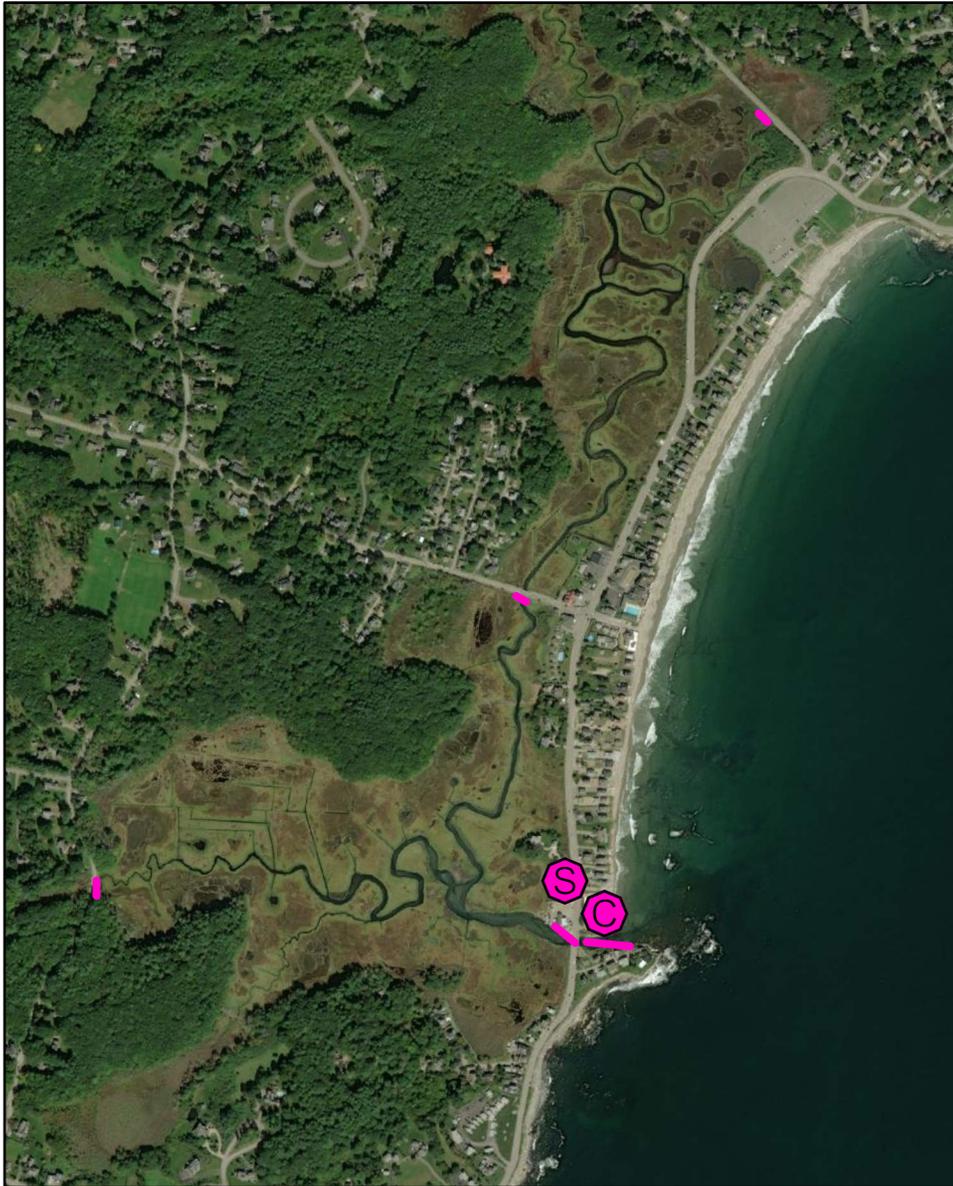
Last Field Test: 10/12/2016

A-03-1

Parson's Creek at Concord Point Rye, NH

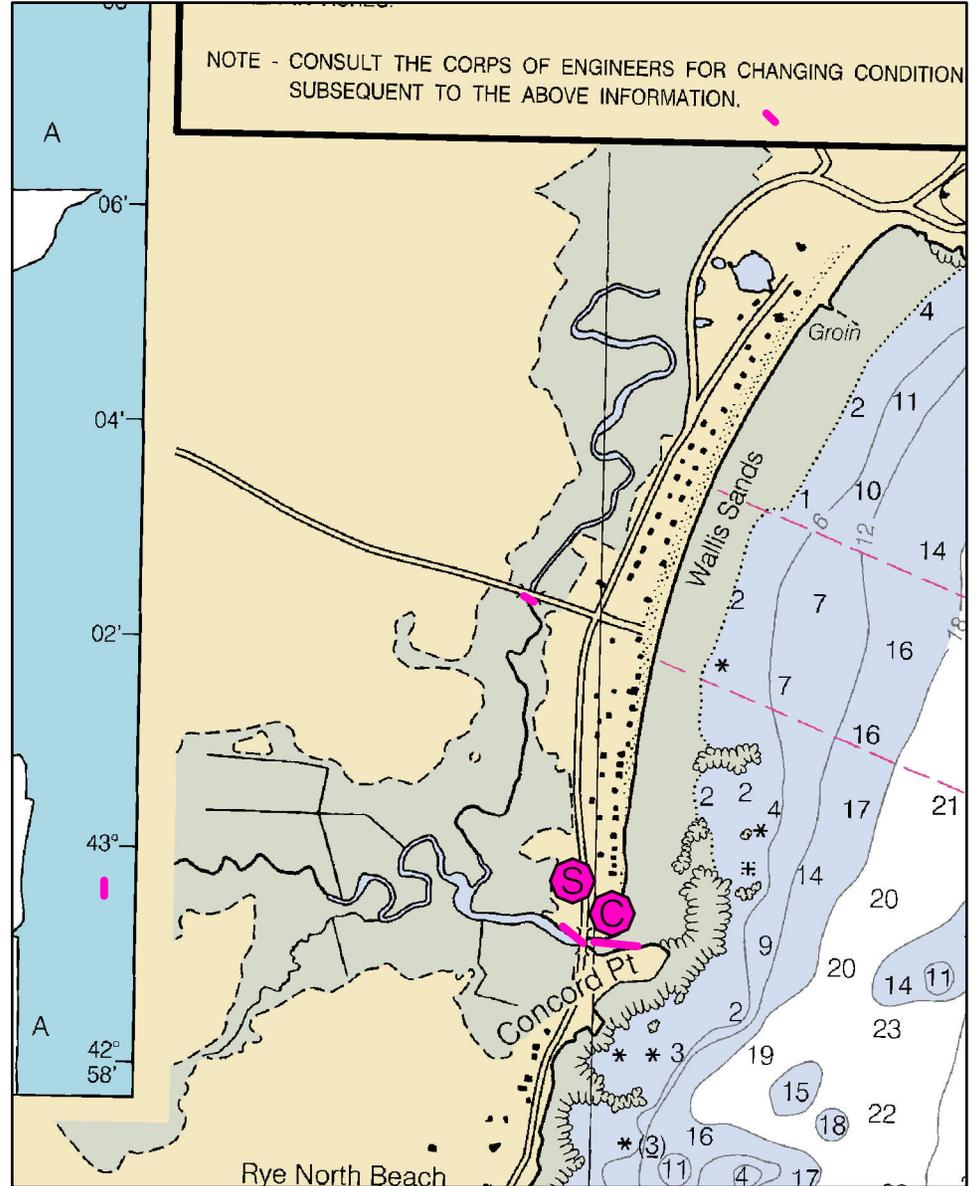


Date printed: 9/10/2022 7:48 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-03-1 Parson's Creek at Concord Point

Town Rye, NH

Latitude 43° 01.007 N **Longitude** 70° 43.992 W

Approx. Tidal Range (feet) 10

Max Current (knots) **Flood** **Ebb**

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 56B

EVI Map # 2 (Part)

DeLorme Map # (2019) 30 (NH); 1 C4 (ME)

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Extensive saltmarsh and shorebird habitat

Archaeological Conflicts

Strategy Information

Strategy Purpose To prevent oil from entering Parson's Creek and adjoining salt marsh

Staging Areas Rt. 1A Road Side at Petey's Summertime Seafood & Bar Telephone: 603-433-1937

Site Access Route 1A to Concord Point Road shore side access

Nearest Boat Ramp Concord Point Road shore side access or Rye Harbor ramp 1-1/3 miles south.

Collection Points At Route 1A

Special Instructions May need traffic control

Work Assignment This is a 5 part diversion /exclusion strategy; deploy all or parts as conditions/resources allow.
PRIORITY 1: Deploy 250 feet across mouth of river at roughly a 45 degree angle.
On the north side, near the bridge, connect to permanent pole anchor pin.
Dump the boom over the bridge into the river.
Run a line across the bridge on south side and walk the boom away from the bridge toward the ocean.
Connect to permanent pole anchor pin 10 feet from the steps in front of the stone wall.
PRIORITY 2: Deploy 150 feet across mouth of river just inland of the bridge at roughly a 45 degree angle.
Connect on shore on the south side, near the bridge.
Dump the boom over the bridge into the river.
Run a line across the bridge to the north side and walk the boom away from the bridge toward the back parking lot of the restaurant.
PRIORITY 3: Place secondary sorbent booms at 2 culverts under Wallis Road 3/10 of a mile north of the mouth of Parson's Creek.
PRIORITY 4: Protect culvert to the west under Bracket Rd. at 43 01.045 N and 70 44.034 W
PRIORITY 5: Consider protecting a culvert to the north on Marsh Road at 43 01.774 N and 070 43.765 W.

Recommended Equipment / Resources

Length of Boom (feet) 350 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum) 1-2 vehicle(s) with boom
4 - laborers
All shoreside connections, or 4 shoreside connections with alternate means of blocking culverts for Priorities 3, 4 and 5

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

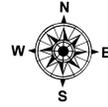
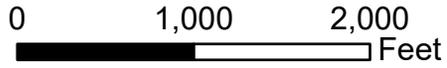
Last Desktop Validation: 10/29/2019

Last Field Visit: 8/26/2003

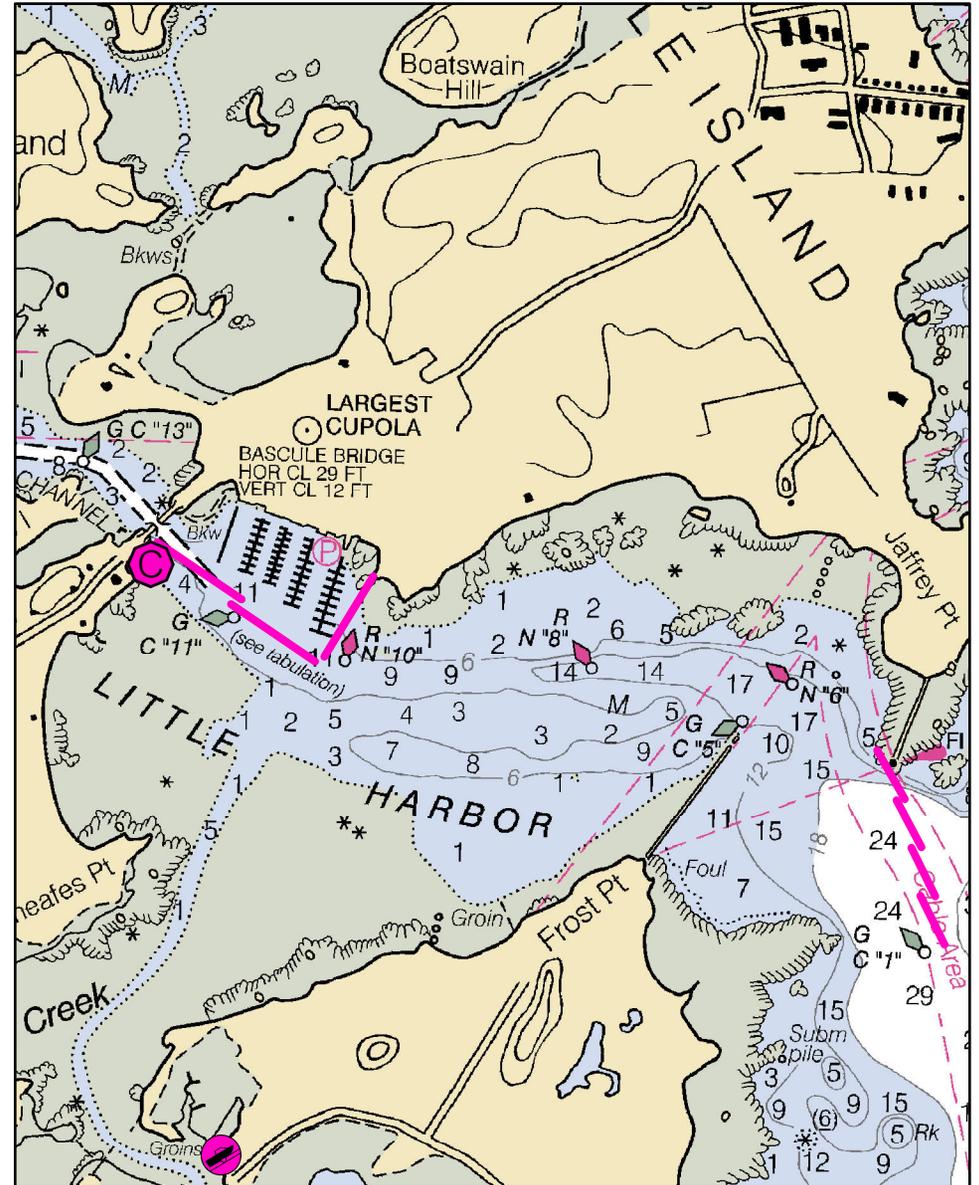
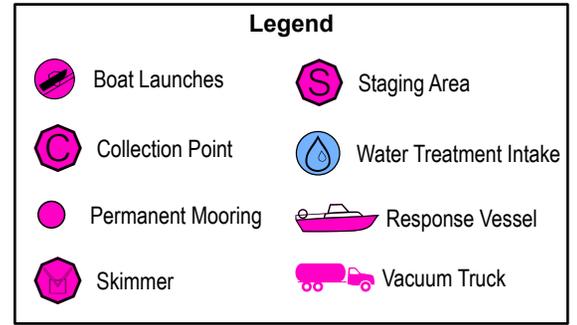
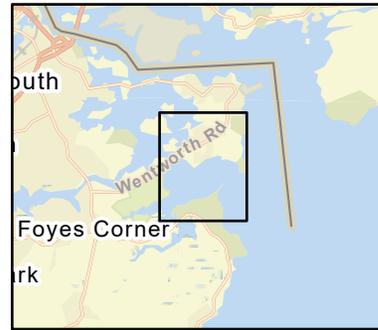
Last Field Test: 9/13/2004

A-04-1

Little Harbor Rye, NH



Date printed: 9/10/2022 7:48 PM



A-04-1 Little Harbor

Town New Castle, NH **Port Region** New Hampshire and Southern Maine
Latitude 43° 03.327 N **Longitude** 70° 43.321 W **NOAA Chart #** 13283_1
Approx. Tidal Range (feet) 10 **ESI Map #** 56B
Max Current (knots) **Flood** 0.70 **Ebb** 1.1 **EVI Map #** 2
Source NOAA current data (at mouth) **DeLorme Map # (2019)** 30 (NH); 1 C4 (ME)

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)
ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Extensive tidal flats with salt marsh behind, shellfish beds, shorebird and waterfowl habitat

Archaeological Conflicts Wreck in area. Deviations from GRS design for eastern boom spread will require historical review. Contact NHDHR at (603)-271-3484 or MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To prevent oil from entering Little Harbor and Sagamore Creek

Staging Areas Coast Guard Station, 25 Wentworth Road, New Castle, NH

Site Access By water from Coast Guard Station or possibly from Route 1B (Wentworth Road)

Nearest Boat Ramp U.S. Coast Guard Station, Wentworth Road, New Castle, NH

Collection Points Boom at jetty for exclusion only. Collection from Route 1B for boom at Sagamore Creek.

Special Instructions Will need traffic control if accessing from Route 1B

Work Assignment Primary: Deploy four 300' sections of boom from the Jaffrey Point jetty across the harbor entrance.
Secondary: Deploy one 500 foot and two 600 foot sections of boom from Wentworth Marina across the channel of Sagamore Creek.

Recommended Equipment / Resources

Length of Boom (feet)	Primary: 1200 Secondary: 1700	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	Primary: 7 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy. 1 - shoreside connection or additional anchor 2 - workboats with minimum 90 hp 2 - boat operators 4 - laborers	Secondary:	4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy. 2 - shoreside connections 1 - vacuum truck or skimmer and storage 2 - workboats with minimum 90 hp 2 - boat operators 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

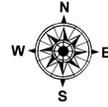
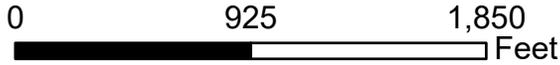
Last Desktop Validation: 10/29/2019

Last Field Visit: 7/31/2003

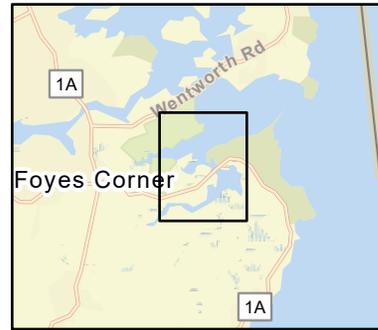
Last Field Test: 10/2/2007

A-04-2

Witch Creek, Seavey Creek, and Berrys Brook Rye, NH

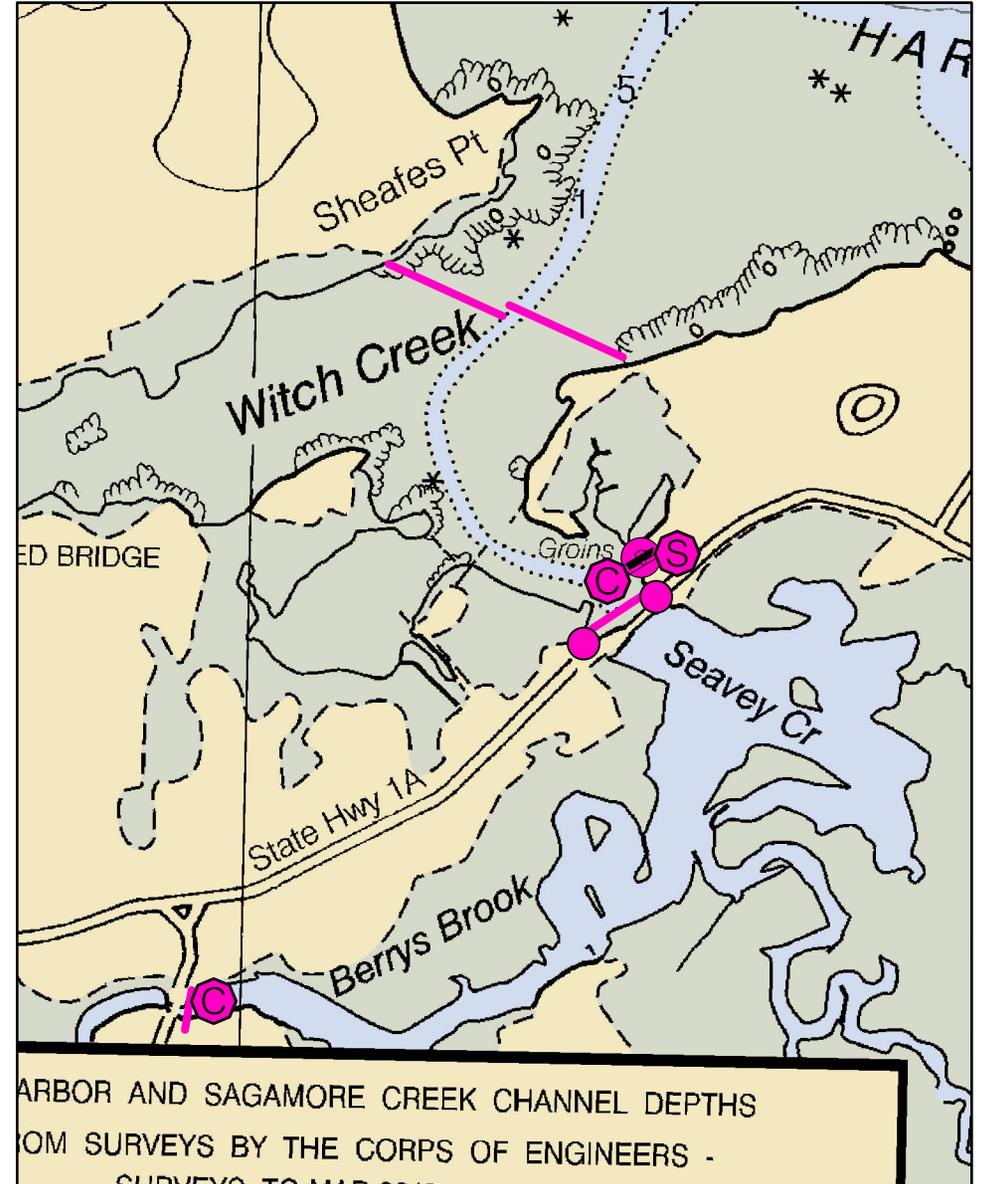


Date printed: 9/10/2022 7:48 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



ARBOR AND SAGAMORE CREEK CHANNEL DEPTHS
FROM SURVEYS BY THE CORPS OF ENGINEERS -
SURVEYS TO MAR 2011

A-04-2 Witch Creek, Seavey Creek and Berrys Brook

Town	Rye, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 02.974' N	Longitude	70° 43.793' W
Approx. Tidal Range (feet)	10	NOAA Chart #	13283_1
Max Current (knots)	Flood	ESI Map #	56B
Source	Estimated	EVI Map #	2
		DeLorme Map # (2019)	30 (NH); 1 C4 (ME)

Resources At Risk

ESI Primary Shoreline Type	Riprap (6B)
ESI Secondary Shoreline Type	Salt- and brackish-water marshes (10A)

Environmental Concerns Extensive salt marsh and tidal flats. Shellfish beds. Shorebird and waterfowl habitat.

Archaeological Conflicts

Strategy Information

Strategy Purpose	To prevent oil from entering Witch Creek, Seavey Creek and Berrys Brook.
Staging Areas	Odiorne Point State Park boat launch at Seavey Creek on Route 1A
Site Access	Same as staging area
Nearest Boat Ramp	Route 1A Odiornes Point Boat Ramp (on site)
Collection Points	On water collection if possible at Witch Creek. East shore of bridge at Seavey Creek, Brackett Road
Special Instructions	May need traffic control at roadways
Work Assignment	Primary: Deploy two 500 foot sections of boom across Witch Creek. Secondaries: (1) Deploy 150 feet of boom across Seavey Creek at Route 1A attaching to permanent anchor points on site. (2) Protect culvert under Brackett Road at bridge using 50 foot segment of boom or alternate means of blocking flow through culvert (plywood and poly for underdam or sand and poly using excavator or skid steer).

Recommended Equipment / Resources

Length of Boom (feet)	Primary: 1000 Secondaries: 250	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	Primary: 2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy. 2 - shoreside connections 1 - skimmer and storage 1 - workboats with minimum 90 hp 1 - boat operators 2 - laborers	Secondary: 1 - vehicle with boom 2 - vacuum truck or skimmer and storage 2 - laborers	

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

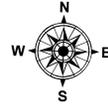
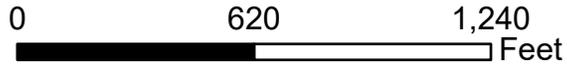
Last Desktop Validation: 10/29/2019

Last Field Visit: 7/31/2003

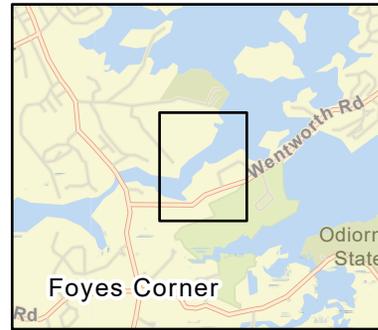
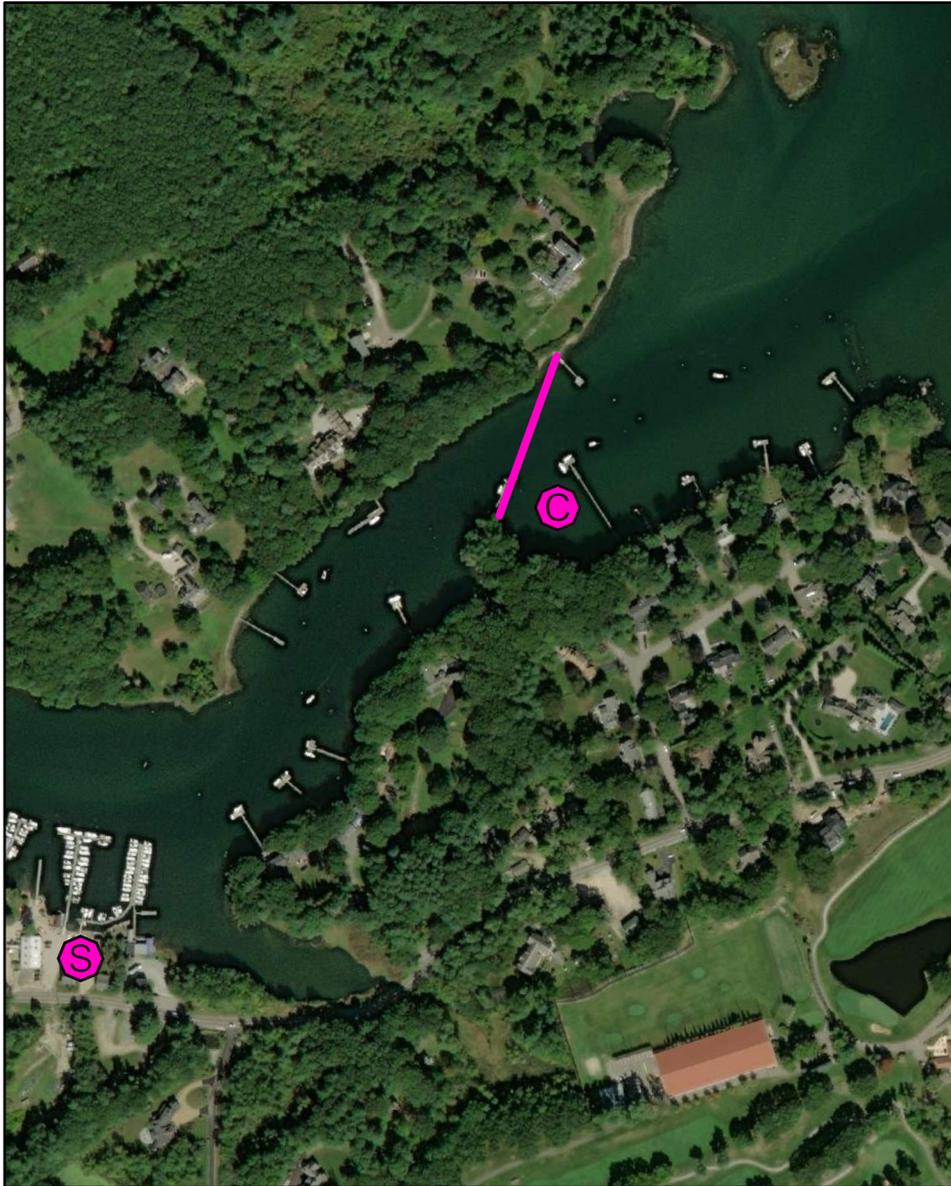
Last Field Test: 8/11/2004

A-04-3

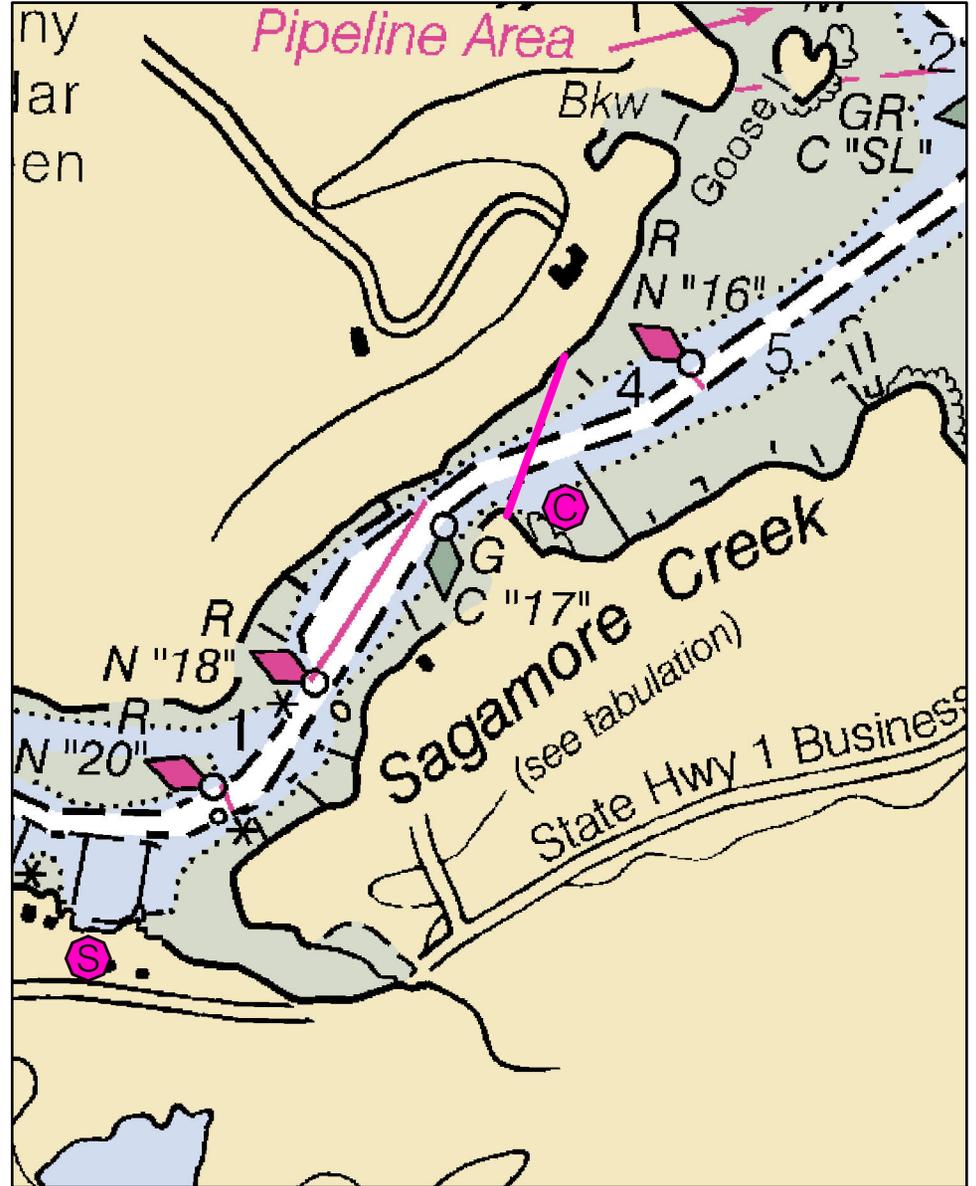
Upper Sagamore Creek Portsmouth / Rye, NH



Date printed: 9/10/2022 7:48 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-04-3 Upper Sagamore Creek

Town Portsmouth / Rye, NH

Latitude 43° 03.412' N **Longitude** 70° 44.381' W

Approx. Tidal Range (feet) 10

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 56B

EVI Map # 2

DeLorme Map # (2019) 30 (NH); 1 C4 (ME)

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type

Environmental Concerns Tidal flats, shorebird and waterfowl habitat, diadromous fish runs. Salt marsh at head of creek

Archaeological Conflicts

Strategy Information

Strategy Purpose To prevent oil from entering Upper Sagamore Creek

Staging Areas BG's Boat House Restaurant & Marina, 191 Wentworth Road, Portsmouth, NH

Site Access Same as staging area

Nearest Boat Ramp BG's Boat House Restaurant & Marina, 191 Wentworth Road, Portsmouth, NH

Collection Points Possibly via skimmer on water

Special Instructions Very shallow at low tide.

Work Assignment Deploy 500 feet of boom across Sagamore Creek

Recommended Equipment / Resources

Length of Boom (feet) 500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

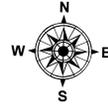
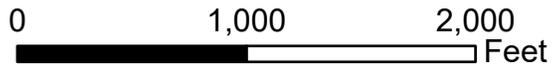
Last Desktop Validation: 10/29/2019

Last Field Visit 7/31/2003

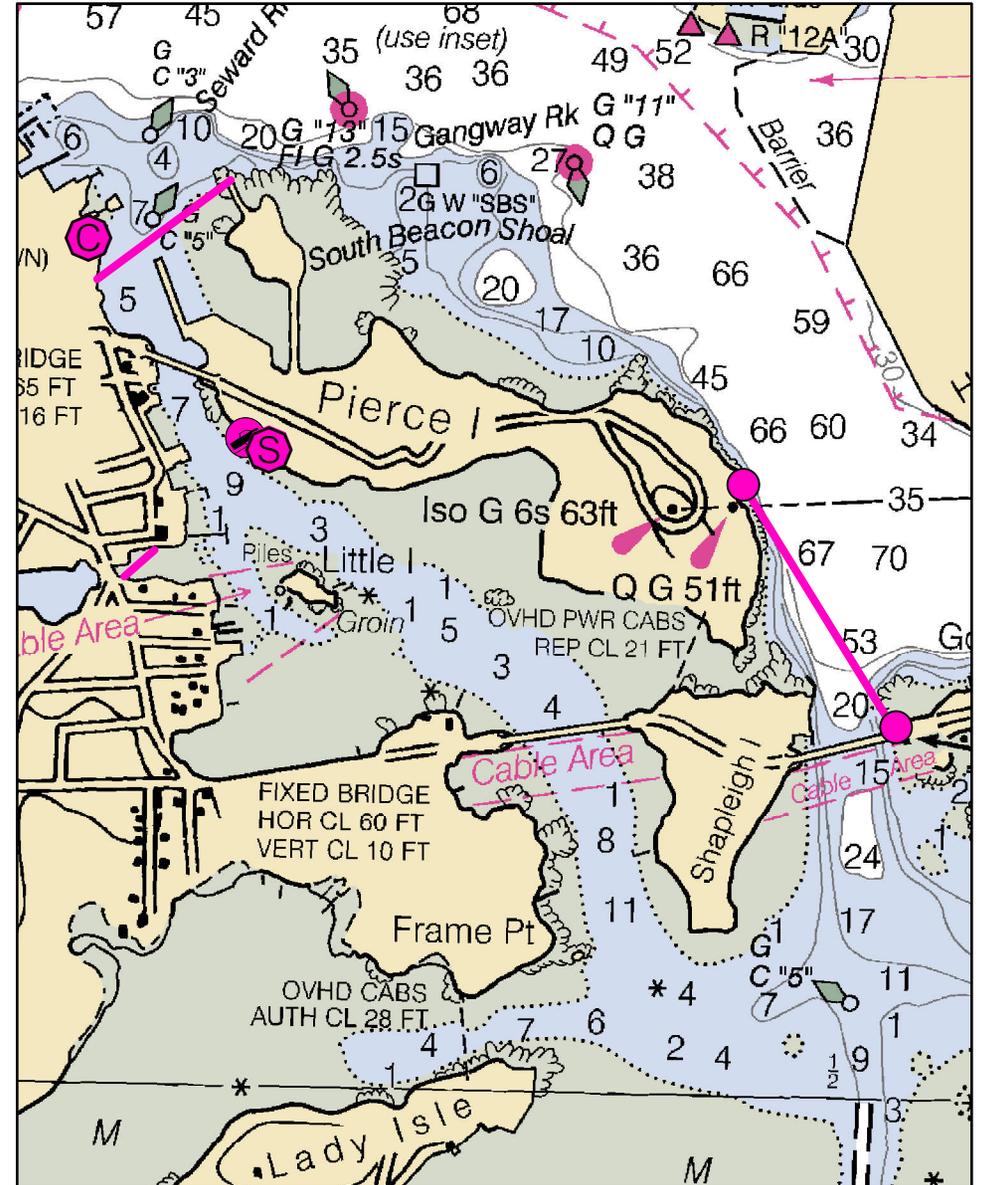
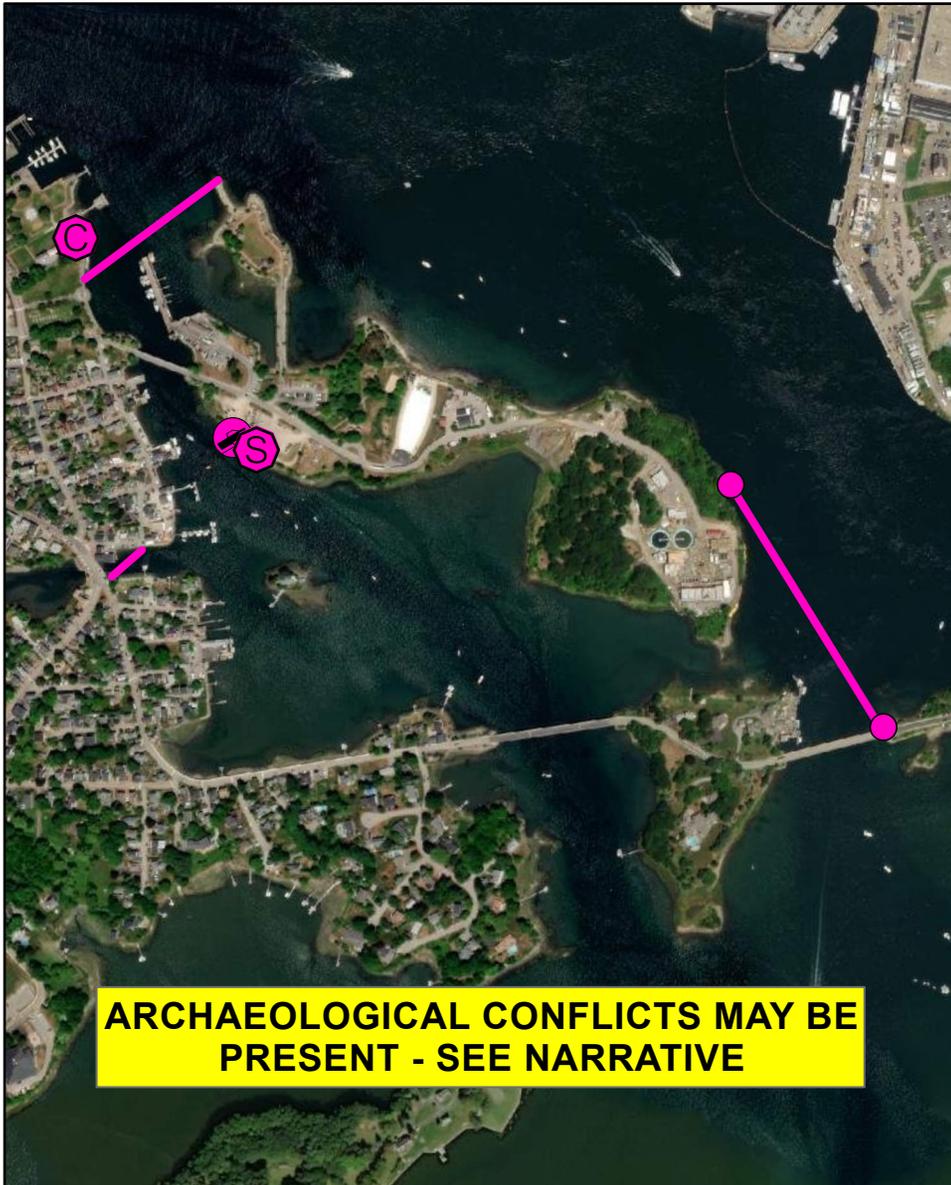
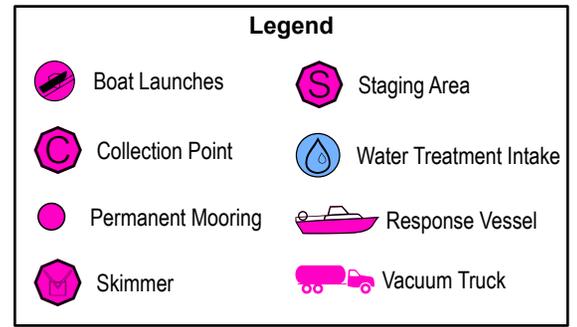
Last Field Test: 9/29/2004

A-05-1

Prescott Park, Peirce Is, Goat Is, So. Mill Pond Portsmouth, NH



Date printed: 9/10/2022 7:48 PM



A-05-1 Prescott Park, Peirce Is, Goat Is, So. Mill Pond

Town	Portsmouth, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 04.328 N	Longitude	70° 44.316 W
Approx. Tidal Range (feet)	10	NOAA Chart #	13283_1
Max Current (knots)	Flood 0.8	ESI Map #	54D, 56B
	Ebb 0.7	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 C4 (ME)

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)
ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns tidal flats, shellfish beds, shorebirds and waterfowl

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.
NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To prevent oil from entering South Mill Pond and sheltered area inside of islands.

Staging Areas Peirce Island boat ramp, Portsmouth

Site Access Prescott Park: 105 Marcy St., Portsmouth
Peirce Island: Peirce Island Road, off of Marcy St., Portsmouth
Goat Island: New Castle Ave (Route 1B), Portsmouth / New Castle

Nearest Boat Ramp Peirce Island

Collection Points Prescott Park and Goat Island

Special Instructions

- Work Assignment**
1. Deploy 700 feet of boom from point of Four Tree Island to Prescott Park in Portsmouth (esp. for outgoing tide)
 2. Deploy 1,250 feet of boom between permanent anchor pins on Goat and Peirce Island. Goat Island pin is just after the bridge coming from Portsmouth near the high tide line. Peirce Island pin is located on a large ledge below a utility pole, just below the high tide line on the shore of the wastewater treatment plant.
 3. Close tidal gate at entrance to South Mill Pond and deploy sorbent boom along mud flat.

Recommended Equipment / Resources

Length of Boom (feet) 1950 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
4 - shoreside connections
2 - vacuum truck or skimmers and storage
1 - workboats with minimum 90 hp
1 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

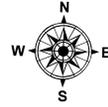
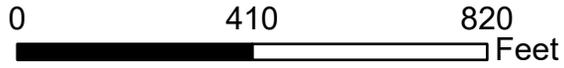
Last Desktop Validation: 10/29/2019

Last Field Visit: 7/31/2003

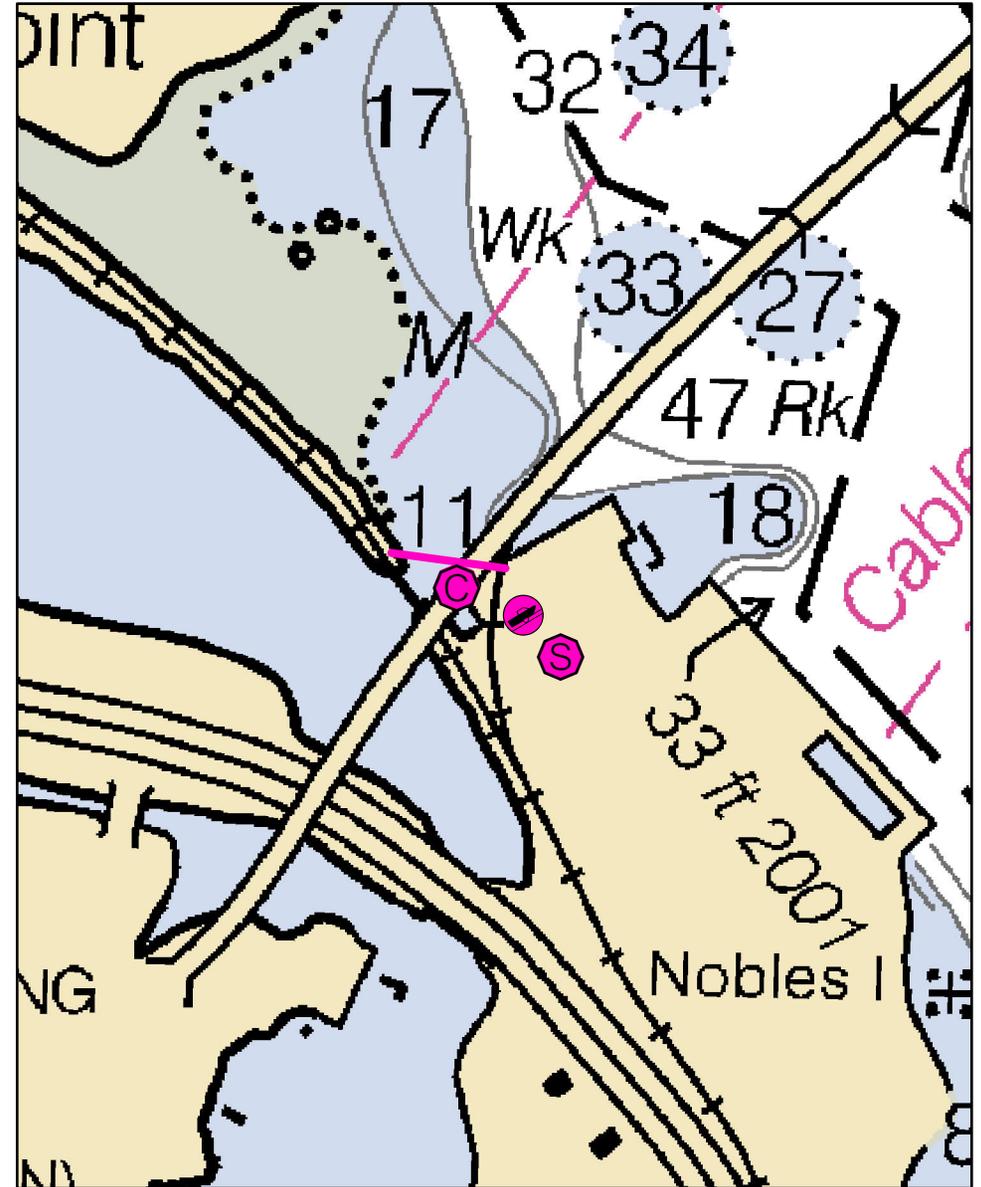
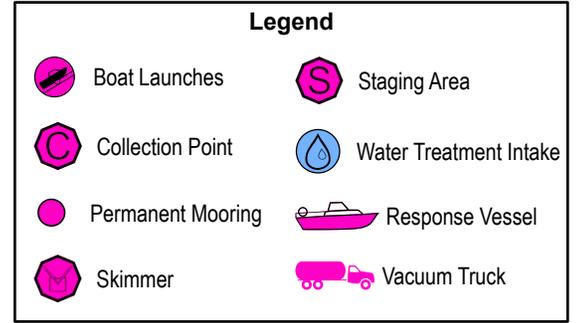
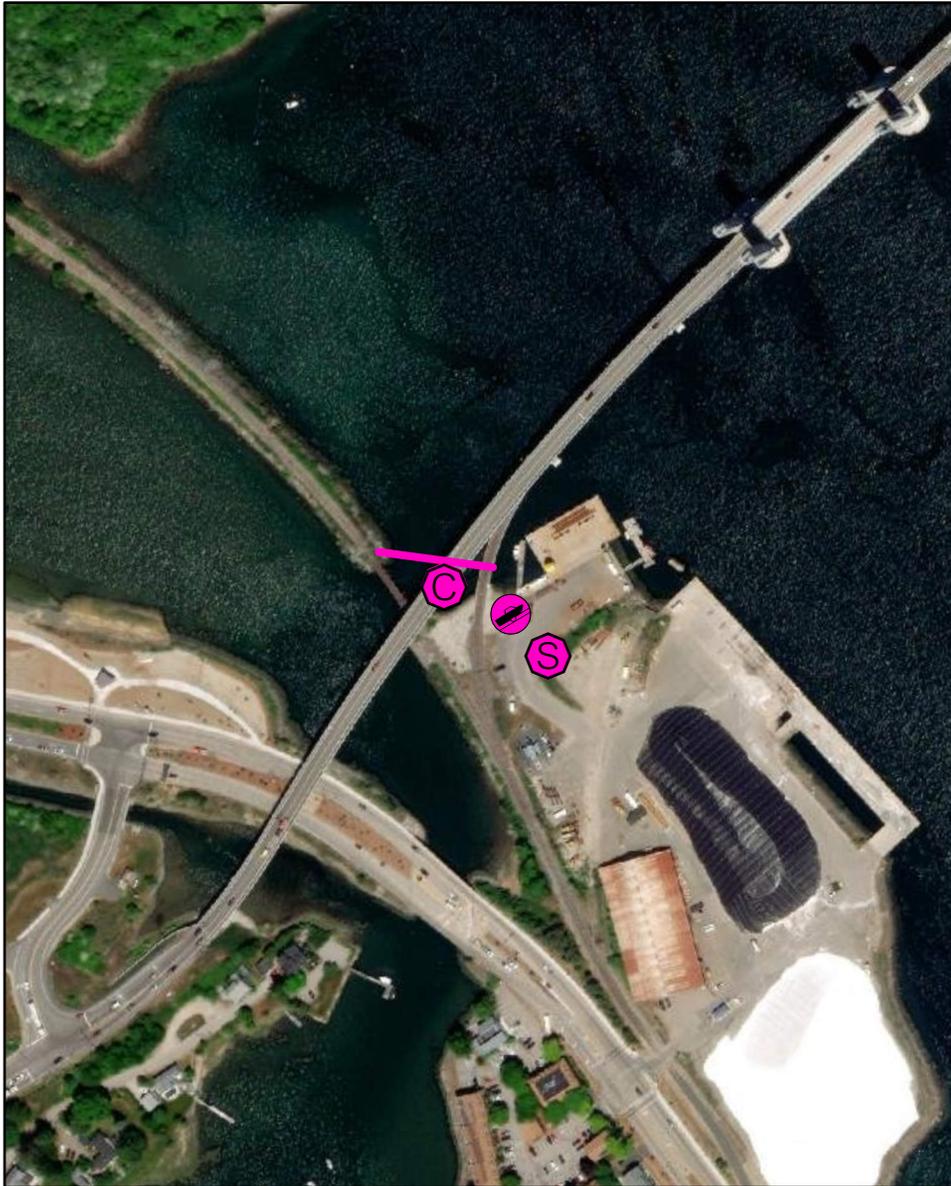
Last Field Test: 5/20/2004

A-06-1

North Mill Pond Portsmouth, NH



Date printed: 9/11/2022 7:03 AM



A-06-1 North Mill Pond

Town Portsmouth, NH

Latitude 43° 05.08 N **Longitude** 70° 45.822 W

Approx. Tidal Range (feet) 10

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 54D

EVI Map # 2

DeLorme Map # (2019) 30 (NH); 1 C3, B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)

ESI Secondary Shoreline Type

Environmental Concerns Fringing salt marsh and tidal flats in North Mill Pond. Shellfish beds, shorebird and waterfowl habitat

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To prevent oil from entering North Mill Pond

Staging Areas NH Port Authority: 555 Market Street, Portsmouth

Site Access NH Port Authority: 555 Market Street, Portsmouth

Nearest Boat Ramp On site at NH Port Authority

Collection Points Boat ramp at NH Port Authority

Special Instructions Contact NH Port Authority: 603-436-8500

Work Assignment Deploy 200 feet of boom from boat launch at NH Port Authority (Nobles Island) to railroad bed on opposite side

Recommended Equipment / Resources

Length of Boom (feet) 200 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/29/2019

Last Field Visit: 7/31/2003

Last Field Test: 8/12/2004

A-07-1 Irving Oil Corporation Terminal (flood)

Town	Portsmouth, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 05.400 N	Longitude	70° 45.893 W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 3.6	ESI Map #	54D
	Ebb 5.5	EVI Map #	2
Source	Estimated	DeLorme Map # (2019)	30 (NH); 1 B3,C3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered, solid man-made structures (8B)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Protects sensitive areas upstream of terminal

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.
NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Contain spill from terminal or docked tanker at facility

Staging Areas Irving Oil Terminal, 190 Commerce Way, Portsmouth. Boom is available on a reel on site

Site Access From terminal property or by boat from NH Port Authority, 555 Market Street, Portsmouth

Nearest Boat Ramp NH Port Authority boat ramp, 555 Market Street, Portsmouth

Collection Points Shore ends of deployment

Special Instructions

Work Assignment This is an Containment Configuration 2,500 feet long meant to contain a spill from the terminal or a vessel at the dock.

Deploy 450 feet of containment boom from north side of dock to a point in mid-channel of the river. Deploy 900 feet of containment boom parallel to the dock. Deploy 700 feet of containment boom back to the southern shoreline.

Recommended Equipment / Resources

Length of Boom (feet)	2500	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys. 2 - shoreside connections. 1 - skimmer and storage 2 - workboats with minimum 90 hp 2 - boat operators 6 - laborers		

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

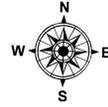
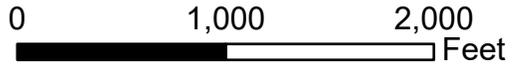
Last Desktop Validation: 9/13/2020

Last Field Visit 6/19/2003

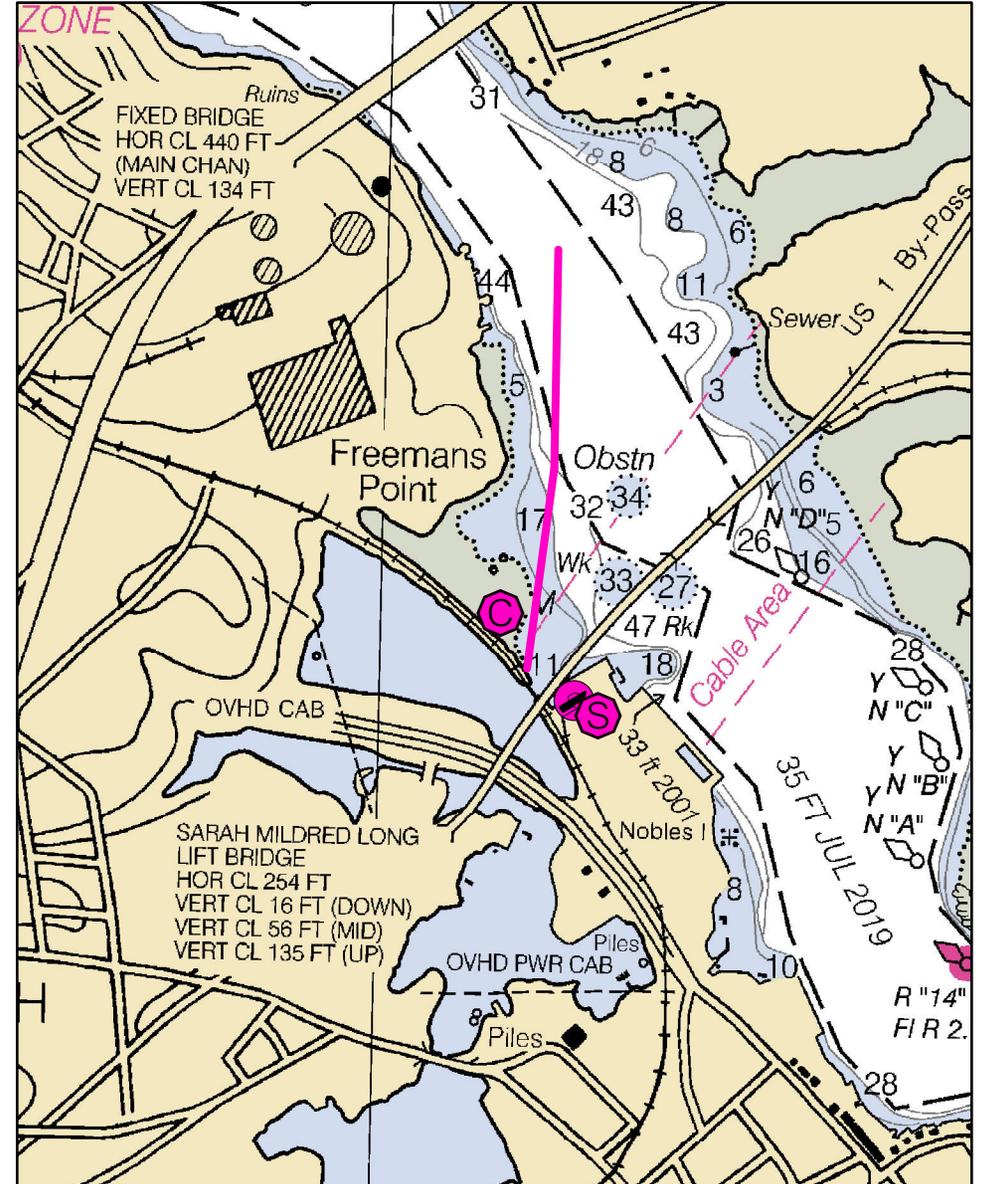
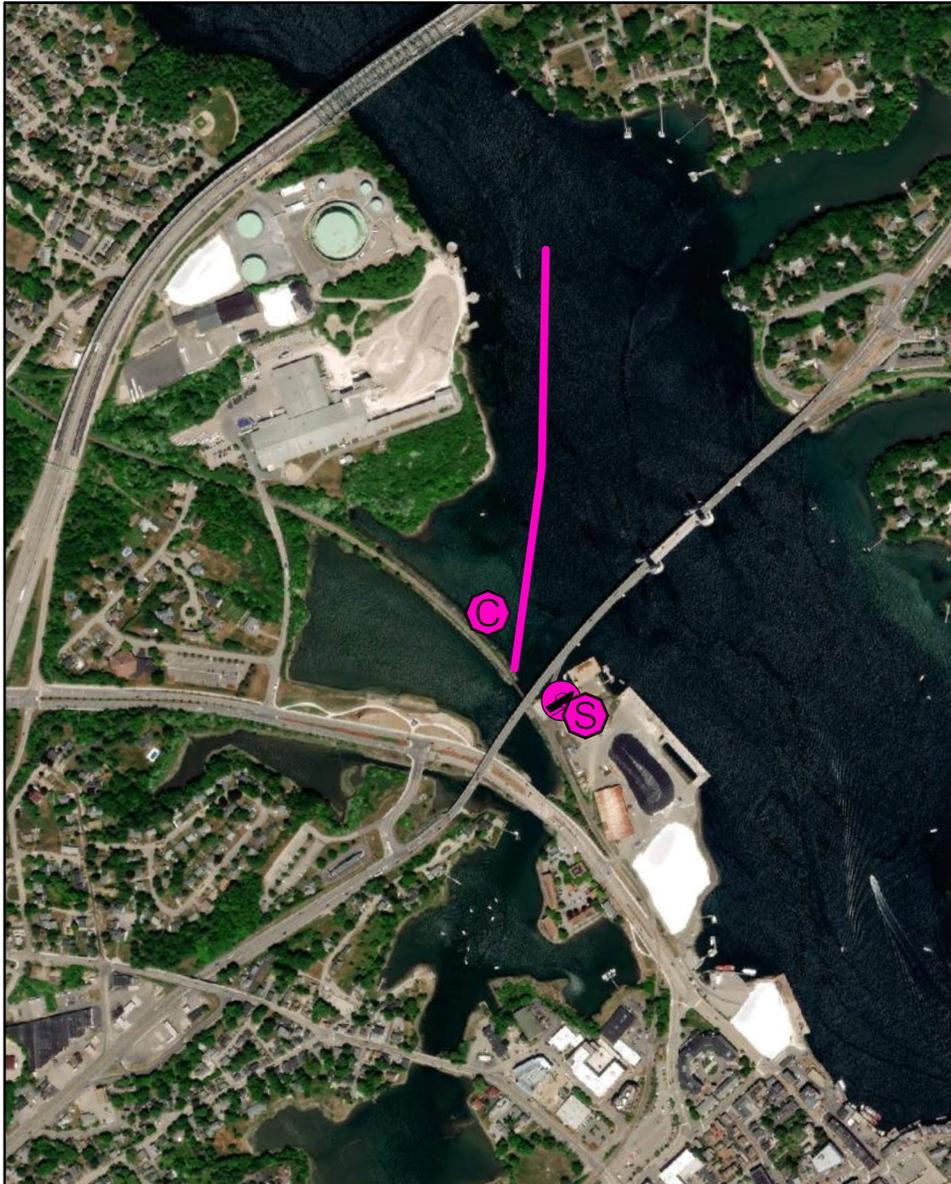
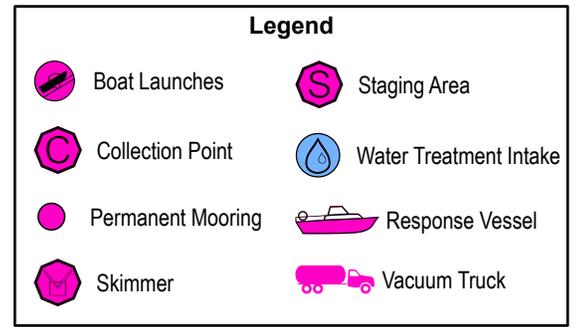
Last Field Test: 5/20/2004

A-07-2

Irving Oil Corporation Terminal (ebb) Portsmouth, NH



Date printed: 9/11/2022 7:02 AM



A-07-2 Irving Oil Corporation Terminal (ebb)

Town	Portsmouth, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 05.400 N	Longitude	70° 45.893 W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 3.6	ESI Map #	54D
	Ebb 5.5	EVI Map #	2
Source	Estimated	DeLorme Map # (2019)	30 (NH); 1 B3,C3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)

ESI Secondary Shoreline Type

Environmental Concerns Protects sensitive areas downstream of terminal

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Contain spill from terminal or docked tanker at facility

Staging Areas NH Port Authority, 555 Market Street, Portsmouth. 4,000 feet of boom on reel at Port Authority.

Site Access NH Port Authority, 555 Market Street, Portsmouth

Nearest Boat Ramp NH Port Authority boat ramp, 555 Market Street, Portsmouth

Collection Points Shore end of deployment at railroad bridge

Special Instructions

Work Assignment Deploy 1,000 feet of containment boom from shore at railroad bridge out into channel. Deploy a second 1,000 feet of boom from first leg out to mid-point of channel

Recommended Equipment / Resources

Length of Boom (feet) 2000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 1 - shoreside connections.
- 1 - skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

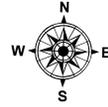
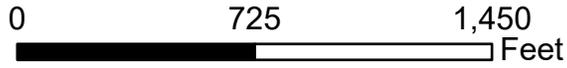
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

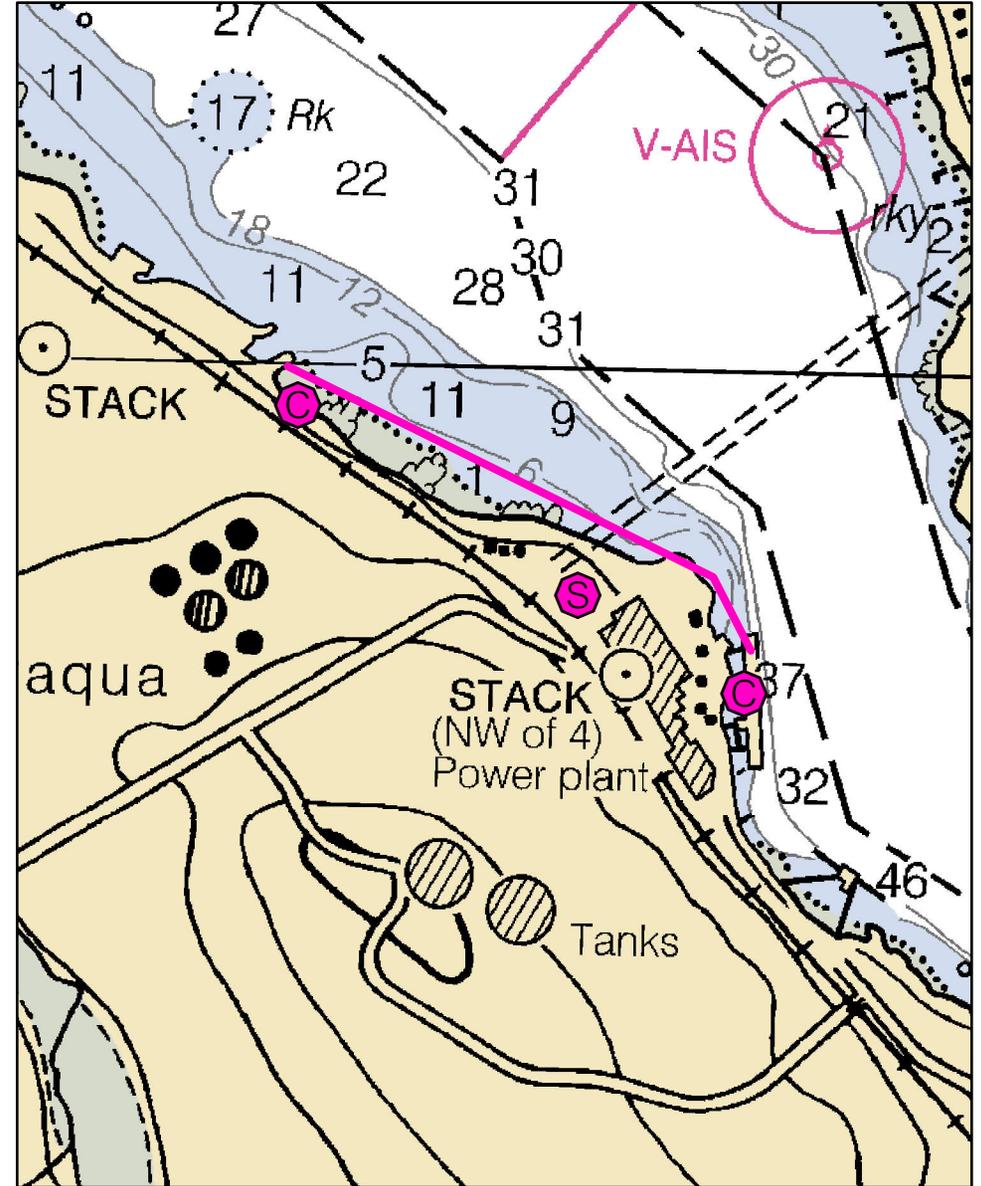
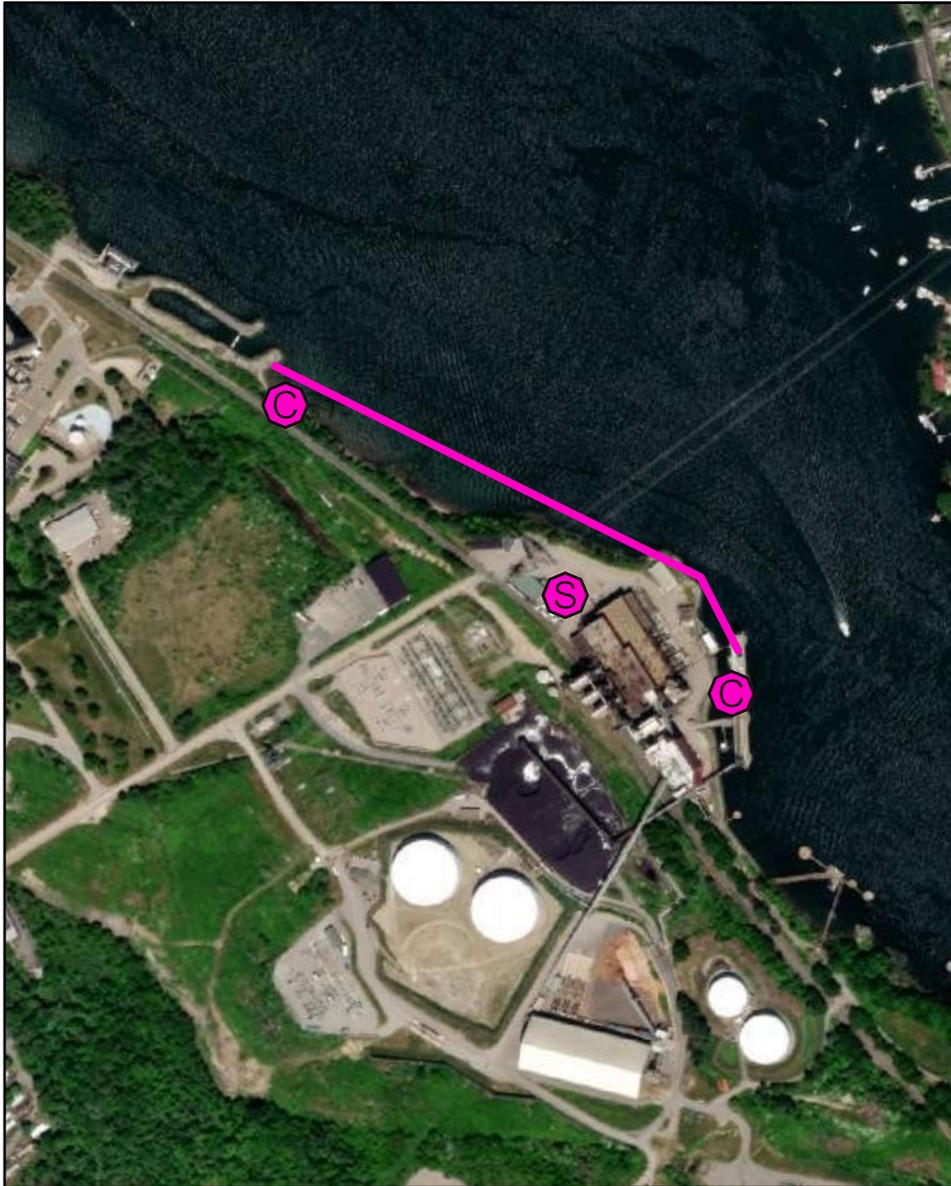
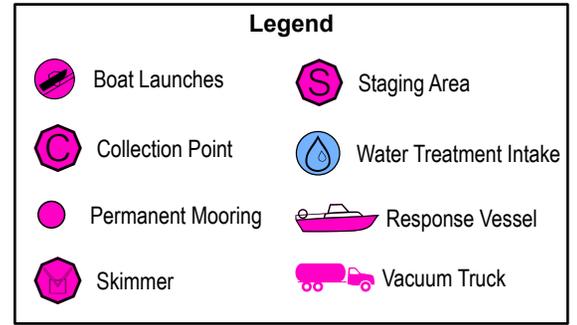
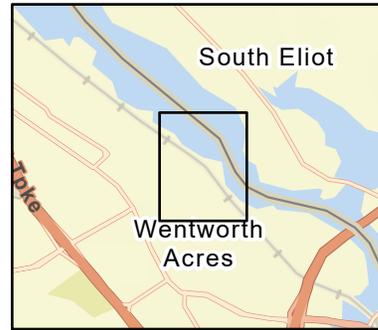
Last Field Test: 5/20/2004

A-08-1

Granite Shore Power Dock (flood) Portsmouth, NH



Date printed: 9/10/2022 7:48 PM



A-08-1 Granite Shore Power Dock (flood)

Town	Portsmouth, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 05.862 N	Longitude	70° 46.950 N
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 3.9	ESI Map #	55B, 54D
	Ebb 4.1	EVI Map #	2
Source	Estimated	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered, solid man-made structures (8B)
ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Protects sensitive areas upstream of facility

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.
NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain a spill from facility or ship at site

Staging Areas Granite Shore Power Schiller Station, 400 Gosling Road, Portsmouth

Site Access Granite Shore Power Schiller Station, 400 Gosling Road, Portsmouth

Nearest Boat Ramp NH Port Authority boat ramp, 555 Market Street, Portsmouth

Collection Points Shore line eddies near each plant

Special Instructions

Work Assignment Deploy 1700' of boom from boom reel on site. Connect one end to NT cooling water outfall. Connect other end to north dock or ship.

Recommended Equipment / Resources

Length of Boom (feet)	1700	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys. 2 - shoreside connections. 1 - skimmer and storage 2 - workboats with minimum 90 hp 2 - boat operators 4 - laborers		

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

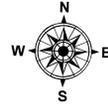
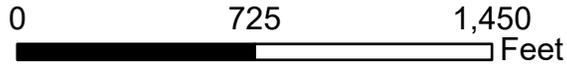
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

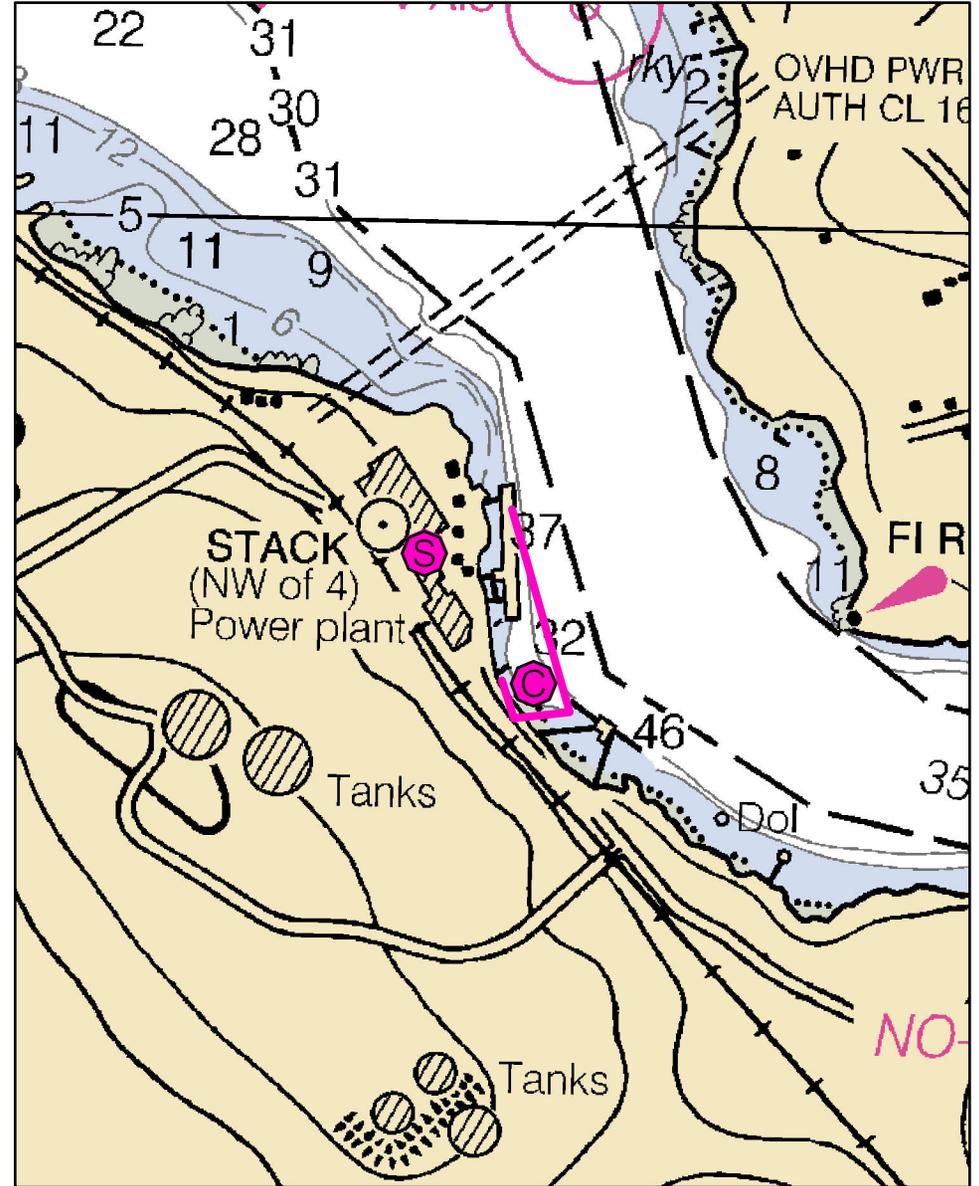
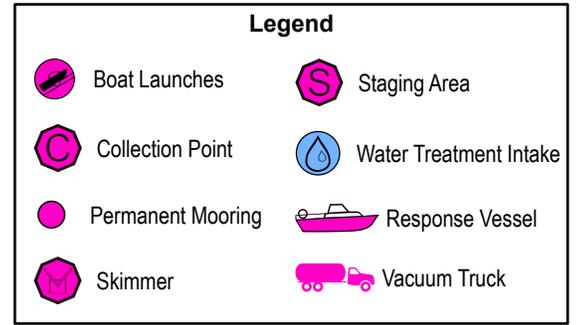
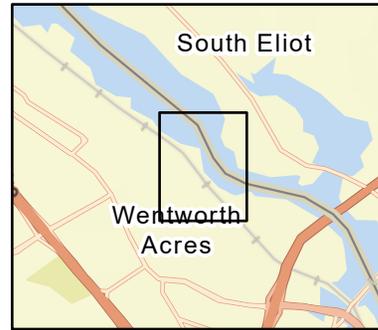
Last Field Test: 9/8/2004

A-08-2

Granite Shore Power Dock (ebb) Portsmouth, NH



Date printed: 9/10/2022 7:49 PM



A-08-2 Granite Shore Power Dock (ebb)

Town	Portsmouth, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 05.862 N	Longitude	70° 46.950 N
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 3.9	ESI Map #	55B, 54D
	Ebb 4.1	EVI Map #	2
Source	Estimated	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)

ESI Secondary Shoreline Type

Environmental Concerns Protects sensitive areas downstream of facility

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain a spill from facility or ship at site

Staging Areas Granite Shore Power Schiller Station, 400 Gosling Road, Portsmouth, NH

Site Access Granite Shore Power Schiller Station, 400 Gosling Road, Portsmouth, NH

Nearest Boat Ramp NH Port Authority boat ramp, 555 Market Street, Portsmouth, NH

Collection Points Shore line eddies at shore

Special Instructions

Work Assignment Deploy 950' of boom from boom reel on site to north end of dock tide riser.
Deploy 150' of boom of boom from boom reel to shore

Recommended Equipment / Resources

Length of Boom (feet) 1100 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
4 - shoreside connections.
1 - skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

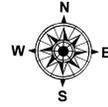
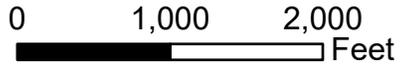
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

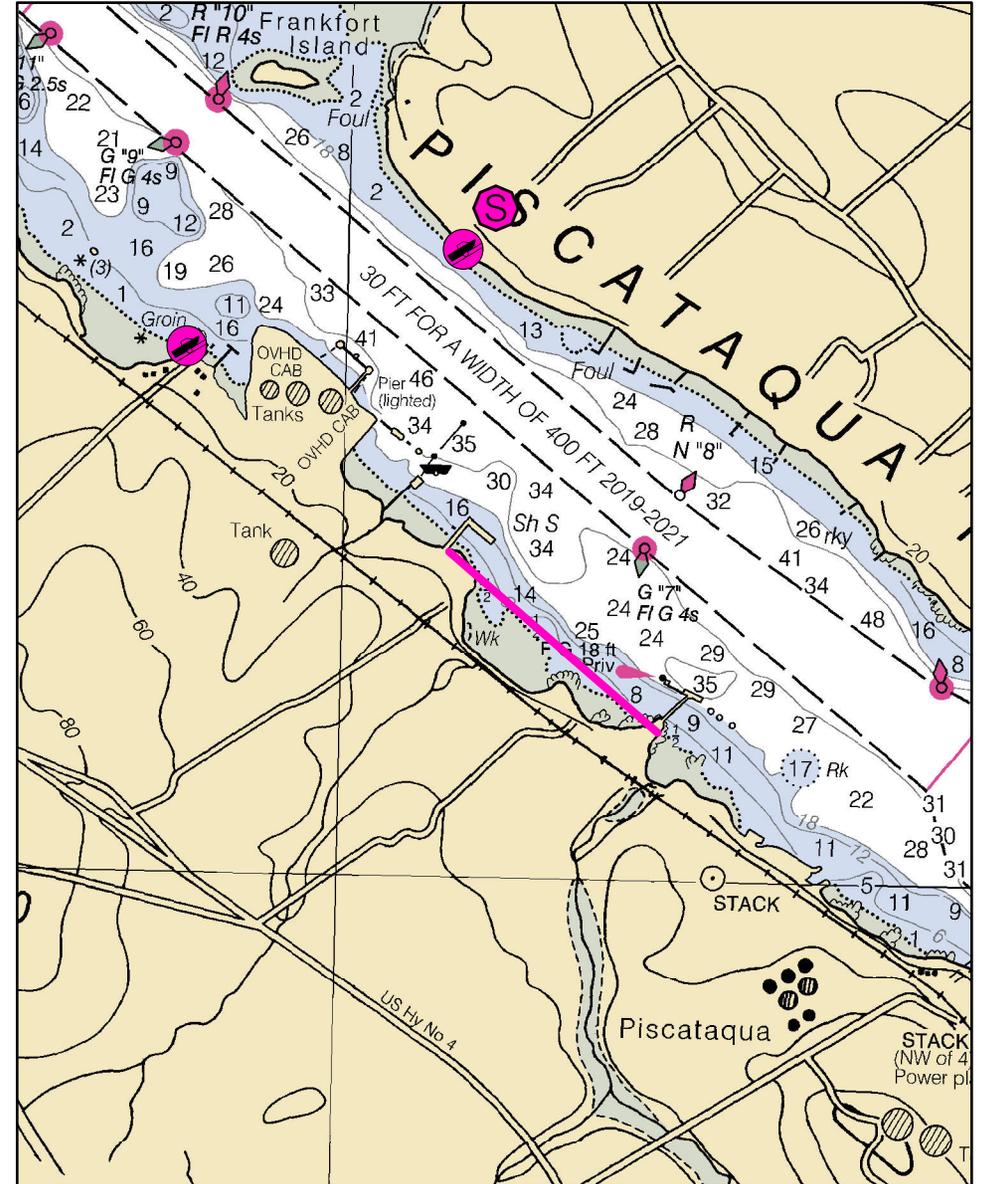
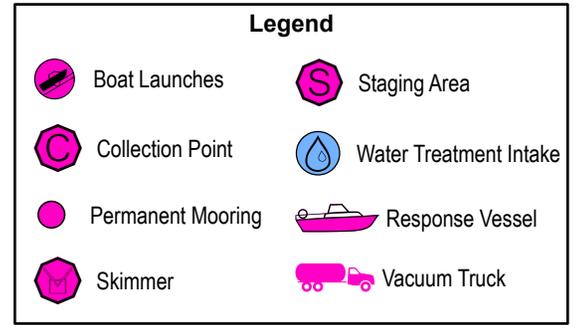
Last Field Test: 10/18/2006

A-09-1

Between Little Bay Lobster and SubCom
Newington, NH



Date printed: 9/10/2022 7:49 PM



A-09-1 Between Little Bay Lobster and SubCom

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 06.381' N	Longitude	70° 47.789' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 2.6	ESI Map #	55B
	Ebb 2.9	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Water intakes at Little Bay Lobster Co. 603-431-3170

Archaeological Conflicts ME: No conflict as designed. Deviations from GRS staging area will require MHPC review. Contact MHPC at (207) 287-2132.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To protect historical barge near shoreline

Staging Areas Eliot boat ramp, 90 Hammond Lane, Eliot, ME, or possibly from Little Bay Lobster or SubCom

Site Access By boat, or possibly from Little Bay Lobster, 158 Shattuck Way, Newington or SubCom, 100 Piscataqua Drive, Newington

Nearest Boat Ramp Eliot boat launch, across river at 90 Hammond Lane, Eliot, ME

Collection Points N/A

Special Instructions

Work Assignment Deploy 1,800 feet of containment boom between docks

Recommended Equipment / Resources

Length of Boom (feet) 1800 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections.
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

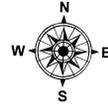
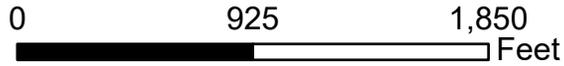
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

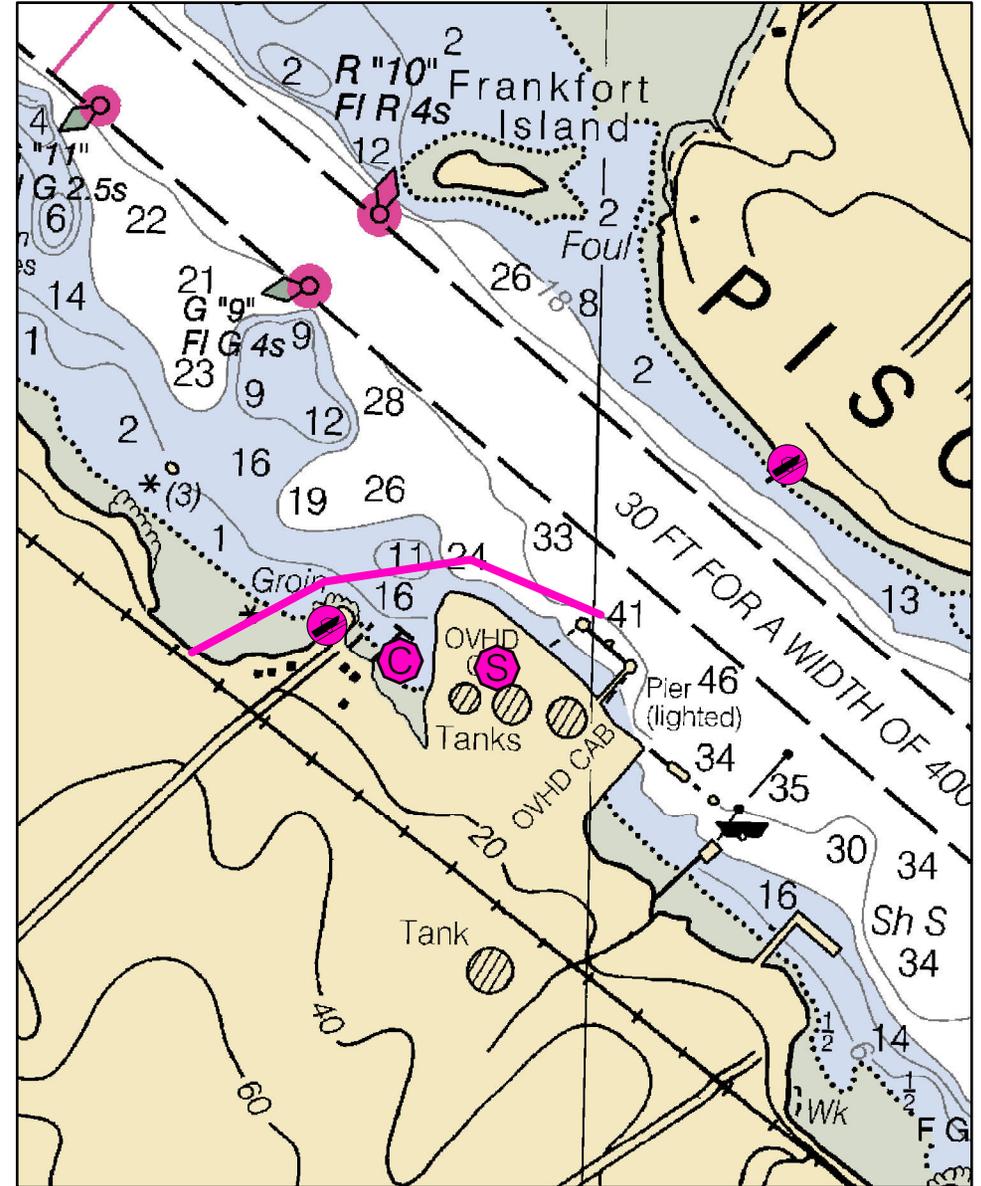
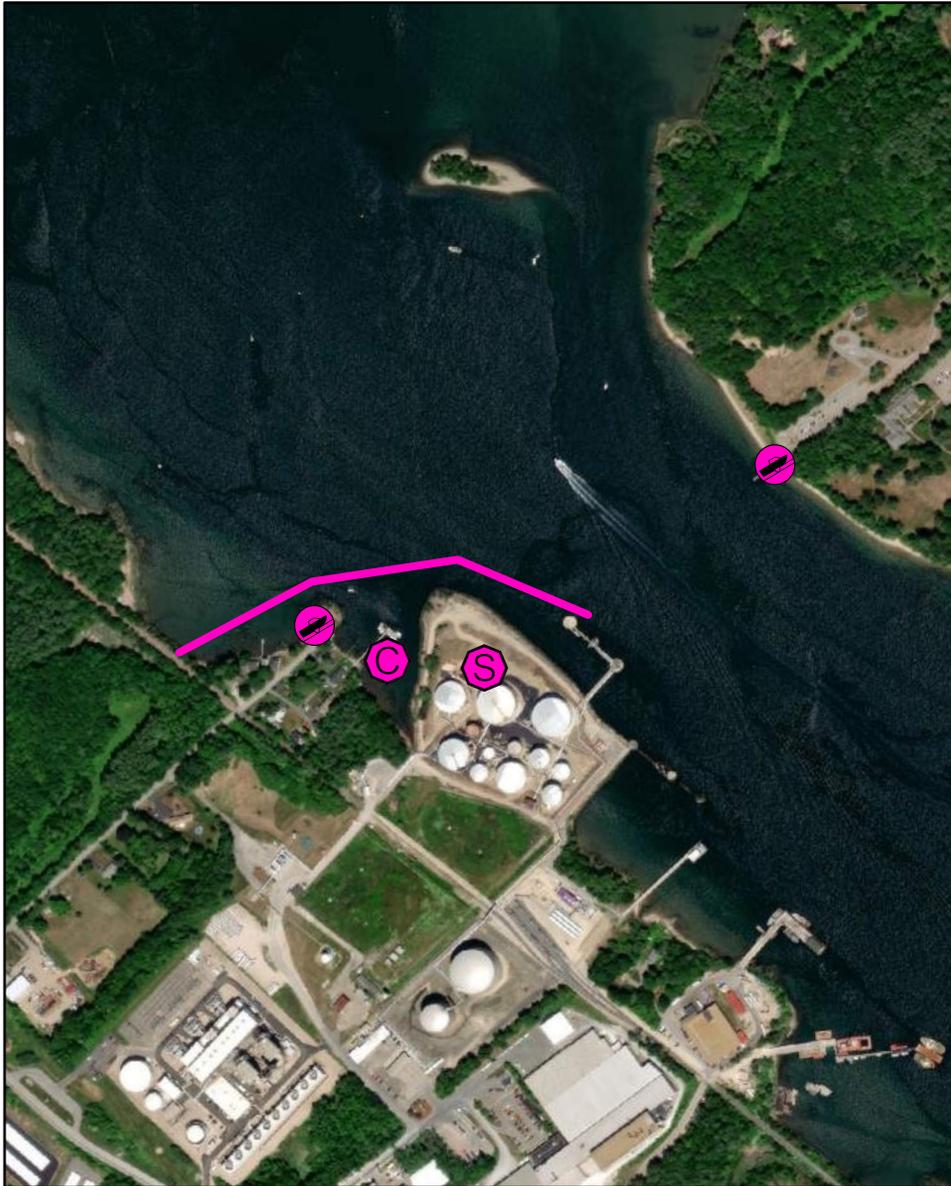
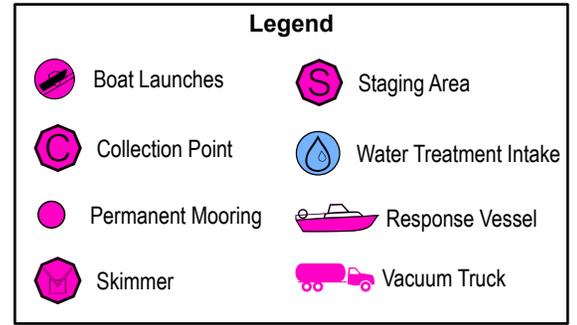
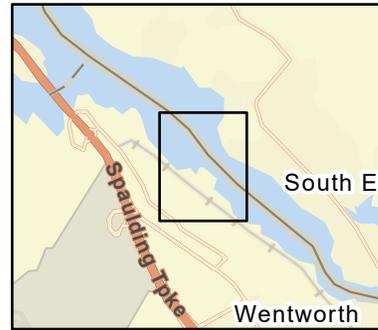
Last Field Test:

A-10-1

Sprague Avery Lane (flood) Newington, NH



Date printed: 9/10/2022 7:49 PM



A-10-1 Sprague Avery Lane Terminal (flood)

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 06.573' N	Longitude	70° 48.011' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 2.6	ESI Map #	55B
	Ebb 2.9	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Water intakes for Little Bay Lobster Co. 603-431-3170

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain oil at Sprague dock on a flooding tide

Staging Areas Sprague Avery Lane terminal, 194 Shattuck Way, Newington

Site Access From Sprague terminal

Nearest Boat Ramp Patterson Lane, just north of site or across river at Eliot boat launch, 90 Hammond Lane, Eliot, ME

Collection Points Between the boom and the shore at terminal

Special Instructions

Work Assignment Deploy three 600 foot sections of boom between outboard side of ship or North Dolphin to upstream shore in the cove at approximately 43° 06.553' N, 70° 48.344' W. Boom is located on site at terminal.

Recommended Equipment / Resources

Length of Boom (feet) 1800 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 2 - shoreside connections.
- 1 - skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

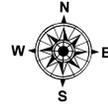
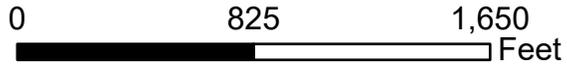
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

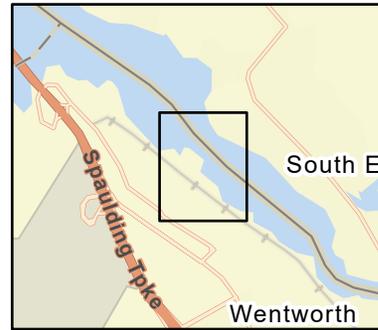
Last Field Test: 5/4/2005

A-10-2

Sprague Avery Lane Terminal (ebb) Newington, NH

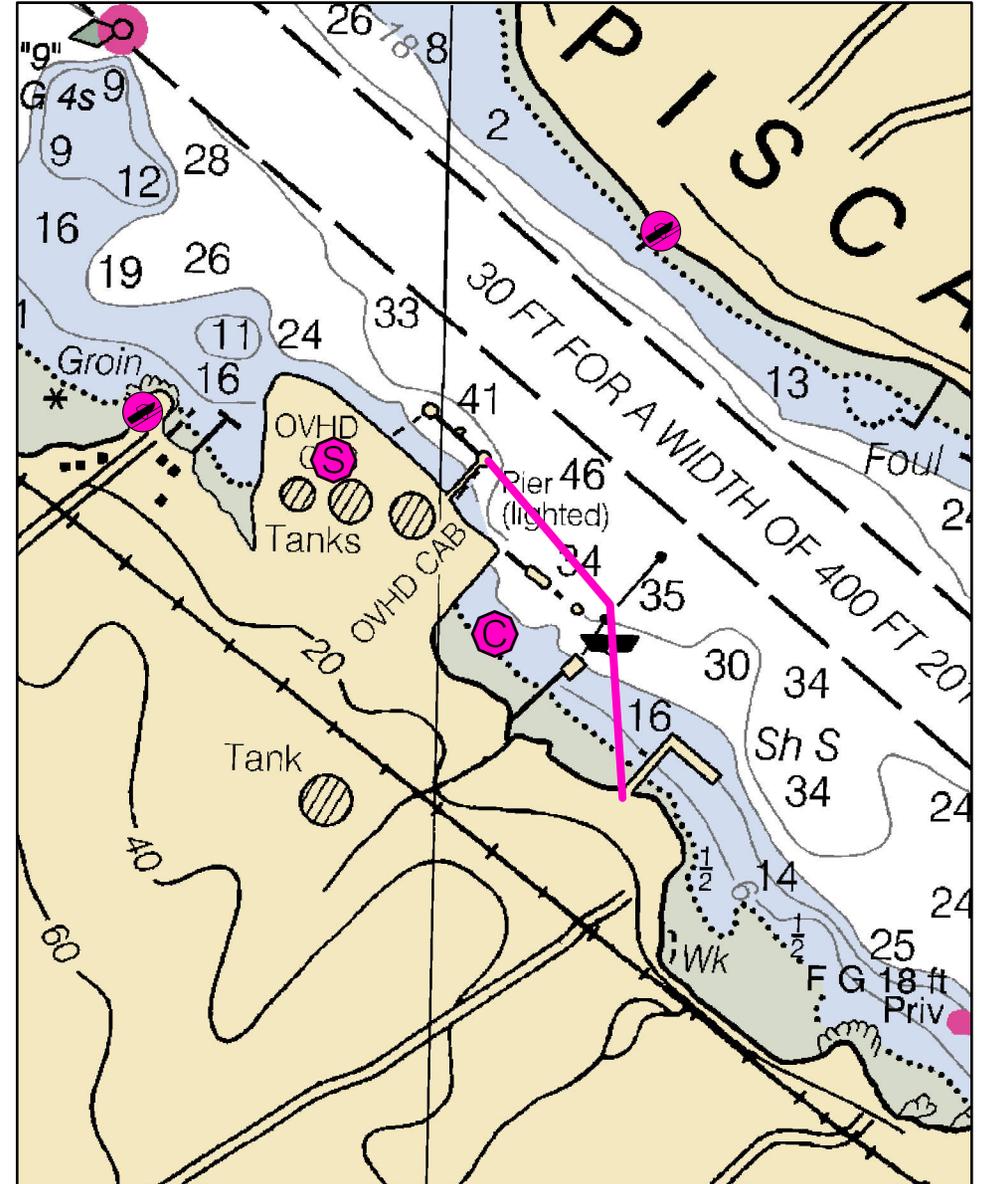
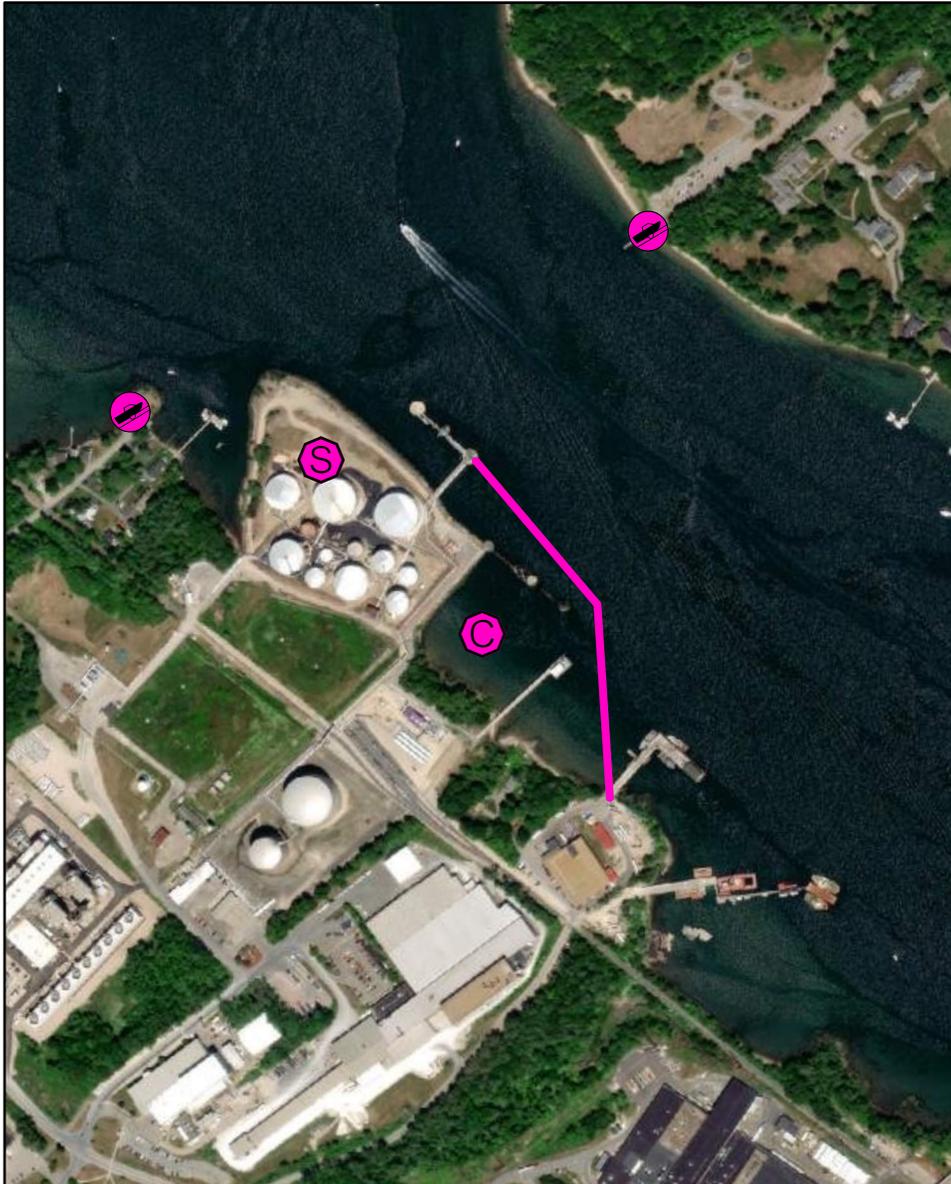


Date printed: 9/10/2022 7:49 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-10-2 Sprague Avery Lane Terminal (ebb)

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 06.525' N	Longitude	°70 47.943' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 2.6	ESI Map #	55B
	Ebb 2.9	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Water Intakes for Little Bay Lobster Co. 603-431-3170

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain oil at Sprague dock on an ebbing tide.

Staging Areas Sprague Avery Lane terminal, 194 Shattuck Way, Newington

Site Access From Sprague terminal

Nearest Boat Ramp Patterson Lane, just north of site or across river at Eliot boat launch, 90 Hammond Lane, Eliot, ME

Collection Points Between the boom and the shore at terminal

Special Instructions

Work Assignment Deploy two 700 foot sections of containment boom between outboard side of ship or South Dolphin to downstream shore at the base of the dock at Little Bay Lobster Co. Boom is located on site at terminal.

Recommended Equipment / Resources

Length of Boom (feet) 1400 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 2 - shoreside connections.
- 1 - skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

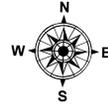
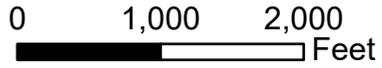
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

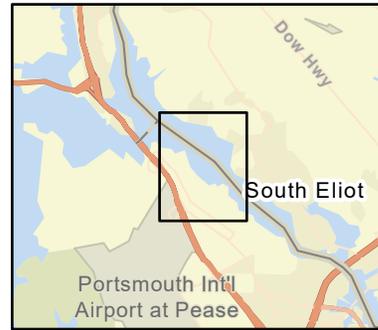
Last Field Test: 5/4/2005

A-11-1

Sprague River Road Terminal (flood) Newington, NH

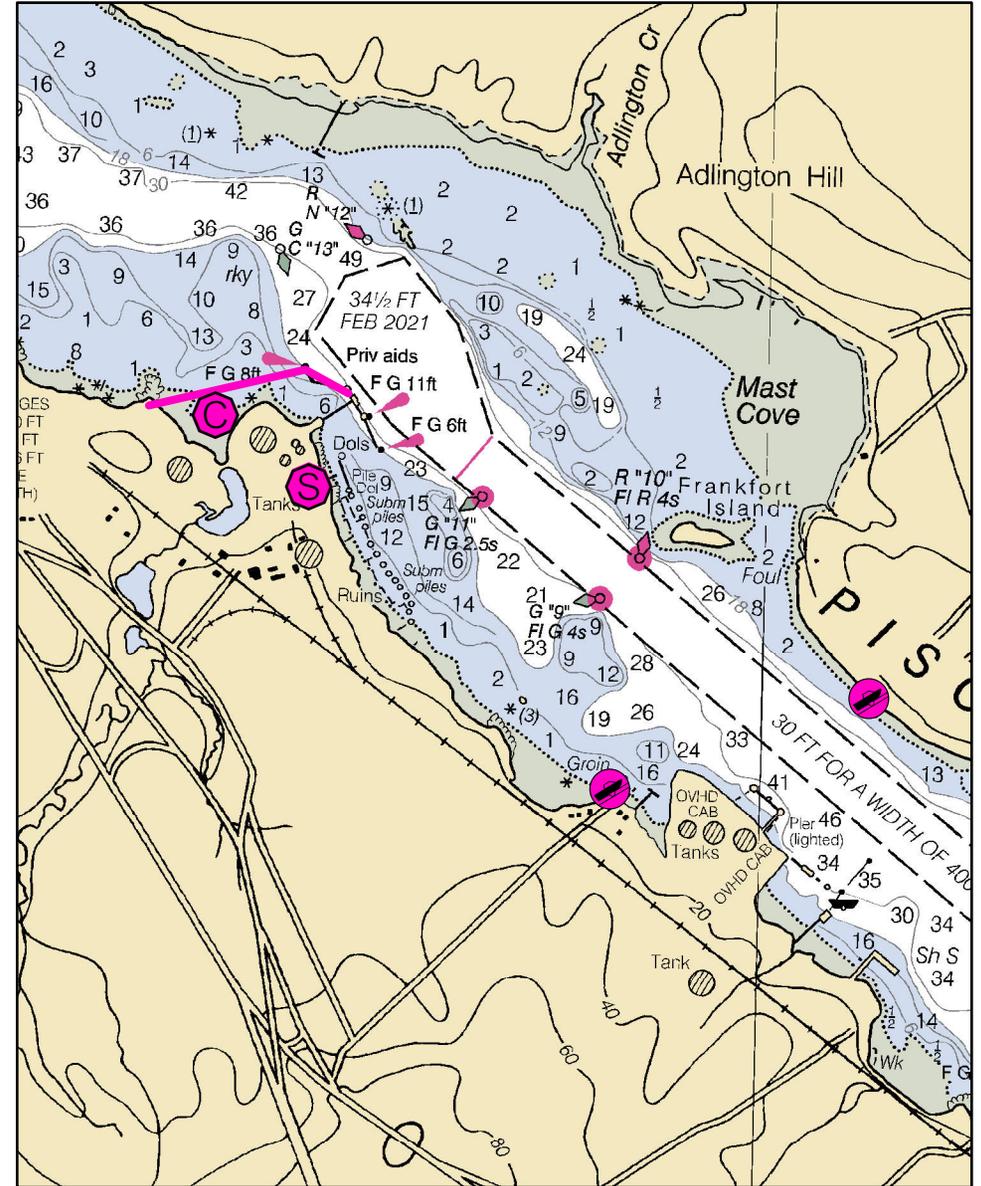


Date printed: 9/10/2022 8:03 PM



Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-11-1 Sprague River Road Terminal (flood)

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 07.005 N	Longitude	70° 48.641 W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 2.6	ESI Map #	55B
	Ebb 2.9	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Water intakes at Little Bay Lobster Co. 603-431-3170

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain oil at Sprague River Road Terminal on a flooding tide

Staging Areas Sprague River Road terminal, 372 Shattuck Way, Newington

Site Access Sprague terminal

Nearest Boat Ramp Patterson Lane, between Sprague River Road and Avery Lane terminals

Collection Points Inside the boom from shoreline

Special Instructions

Work Assignment Deploy 1200 feet of containment boom from the upriver boom reel to the dolphin riser.
Deploy 300 foot section of boom from dolphin riser to center of dock. Second section of boom is stored on floor of downriver boom reel house.

Recommended Equipment / Resources

Length of Boom (feet) 1500 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor system: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 2 - shoreside connections.
- 1 - skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

Last Field Test: 5/23/2002

A-12-1 Dover Point

Town Dover, NH

Latitude 43° 07.235 N **Longitude** 70° 48.886 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 2.8 **Ebb** 2.8

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2

DeLorme Map # (2019) 30 (NH); 1 B3,B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)

ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Little Bay and Great Bay contain extensive sensitive resources: shorebird and waterfowl habitat, shellfish beds, salt marsh, tidal flats, eelgrass, etc.

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To prevent oil from entering Little Bay / Great Bay

Staging Areas Hilton State Park, Dover Point Road, Dover or Great Bay Marine, 61 Beane Lane, Newington

Site Access Hilton State Park (mid to high tide only), or Great Bay Marine

Nearest Boat Ramp Hilton State Park (mid to high tide only), or Great Bay Marine

Collection Points Collect oil with skimmer as shown or at shoreline if able to deflect

Special Instructions

Work Assignment Deploy mobile skimmer unit (JBF skimmer) with 200' wings on both sides or Current Buster, as resources allow. USE EXTREME CAUTION IN THIS AREA DUE TO DANGEROUS CONDITIONS CAUSED BY HIGH CURRENTS IN VICINITY OF BRIDGE. USE ONLY HIGH POWERED VESSELS (minimum 250 hp) to assist skimmer and experienced boat operators. Collect Oil in convergence zone. Consider deflecting oil to shore before entrance to Little Bay if possible.
4. Observe deployment for stability.
5. Prepare to recover/transport oil.

Recommended Equipment / Resources

Length of Boom (feet) 400 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum) JBF skimmer with 400 feet of boom

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

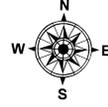
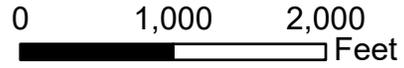
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

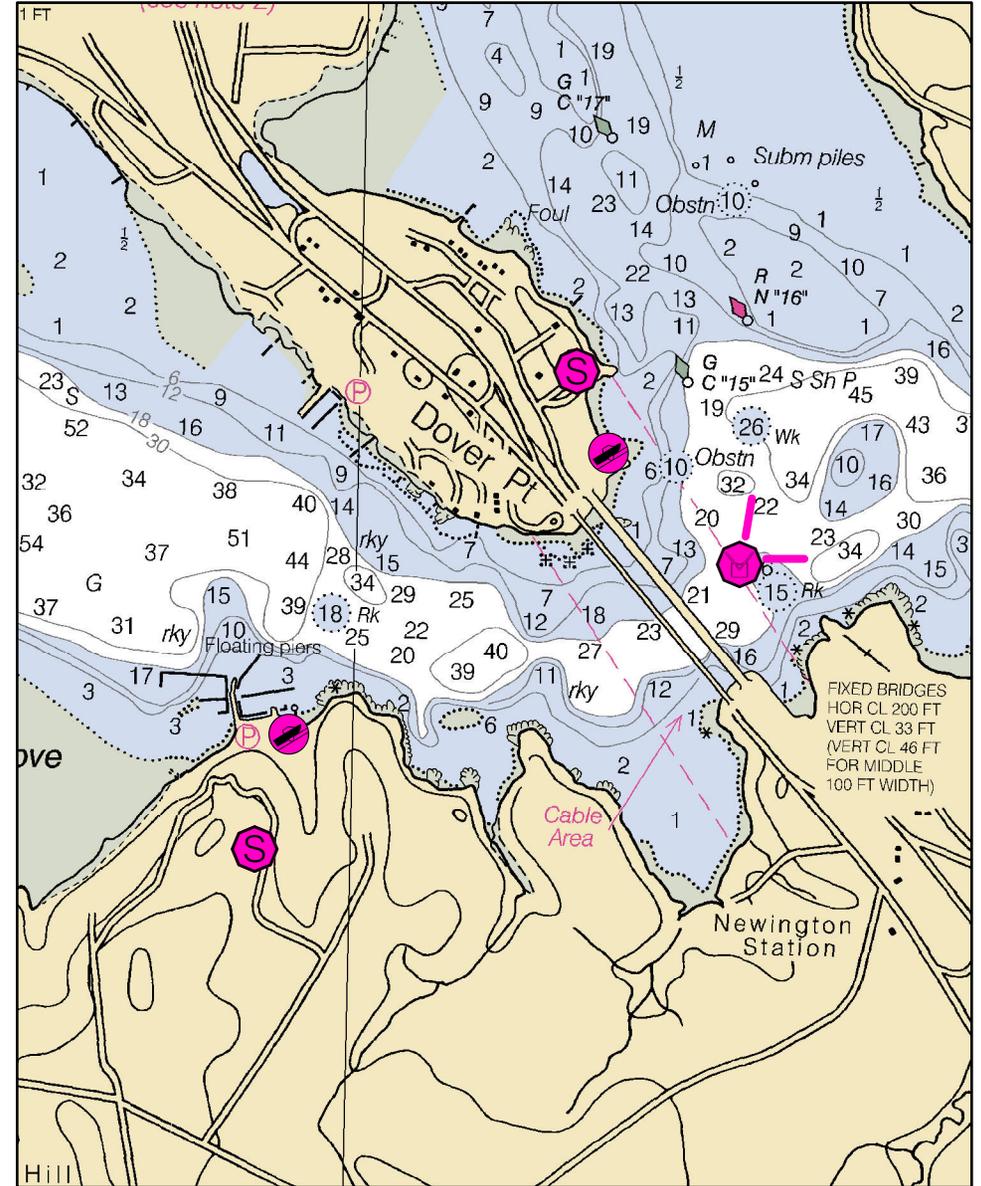
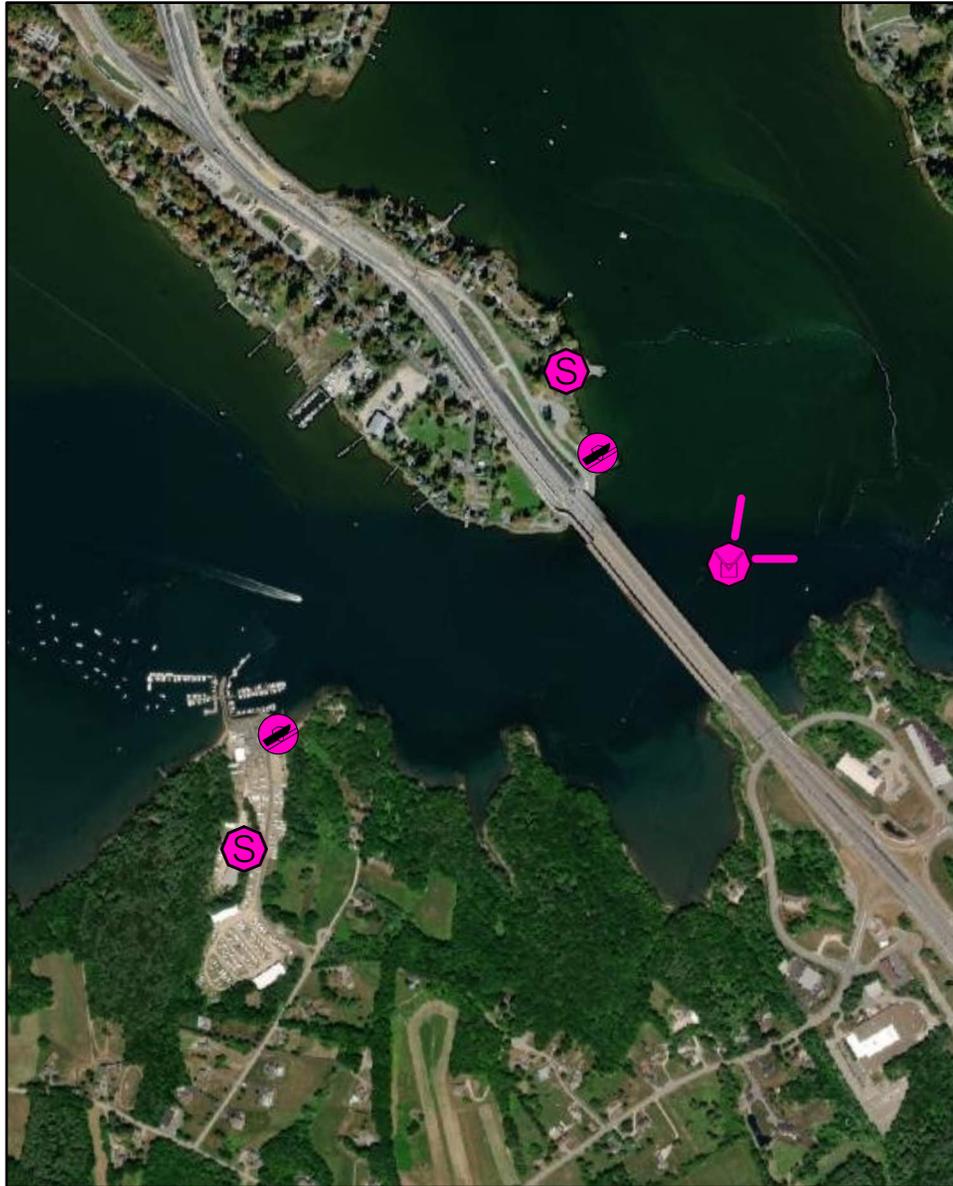
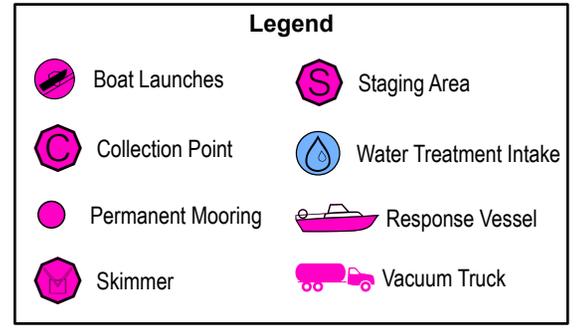
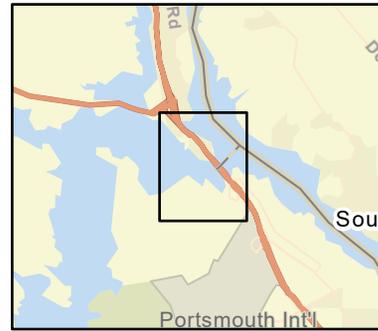
Last Field Test: 5/1/2001

A-12-1

Dover Point Dover, NH



Date printed: 9/10/2022 8:04 PM



A-11-2 Sprague River Road Terminal (ebb)

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 07.005 N	Longitude	70° 48.641 W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood 2.6	ESI Map #	55B
	Ebb 2.9	EVI Map #	2
Source	NOAA current data	DeLorme Map # (2019)	30 (NH); 1 B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Water intakes at Little Bay Lobster Co. 603-431-3170

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To contain oil at Sprague River Road Terminal on an ebbing tide

Staging Areas Sprague River Road terminal, 372 Shattuck Way, Newington

Site Access Sprague terminal

Nearest Boat Ramp Patterson Lane, between Sprague River Road and Avery Lane terminals

Collection Points Inside the boom from shoreline

Special Instructions

Work Assignment Deploy 550 feet of boom from the down river boom reel to the Dolphin riser. Second section of boom is stored on floor of down river boom reel house.
Deploy second 350 foot section of boom from Dolphin riser to center of dock.

Recommended Equipment / Resources

Length of Boom (feet) 900 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 2 - shoreside connections.
- 1 - skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

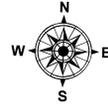
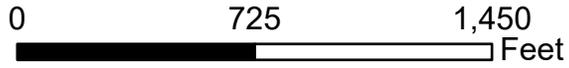
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

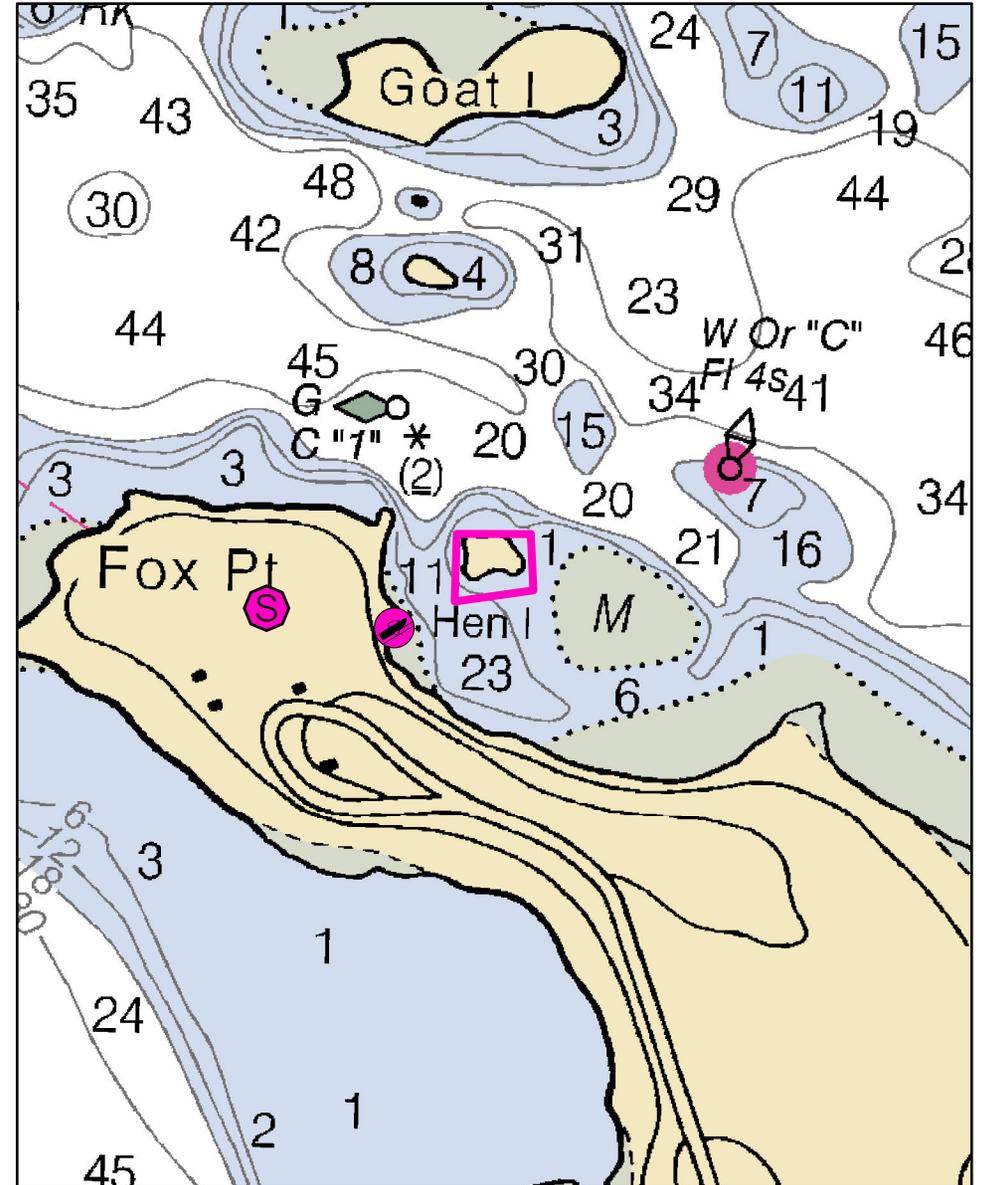
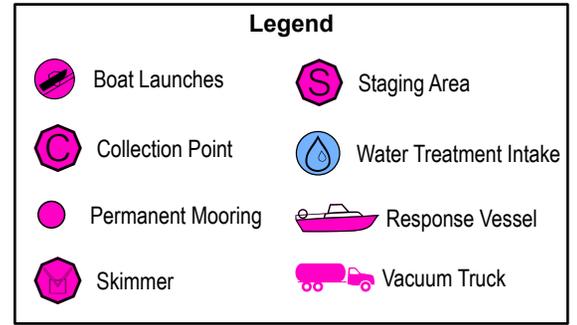
Last Field Test: 5/23/2002

A-13-1

Hen Island Newington, NH



Date printed: 9/10/2022 7:49 PM



A-13-1 Hen Island

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 07.272' N	Longitude	70° 51.253' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood	ESI Map #	55B
Source	Estimated	EVI Map #	2 (Part)
		DeLorme Map # (2019)	30 (NH); 1 B2,B3 (ME)

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

ESI Secondary Shoreline Type

Environmental Concerns Nesting site for 10-15 pairs of Common Tern May-August, NH threatened species. Contact NH Fish & Game 603-271-3421

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Hen Island

Staging Areas Great Bay Marine, 61 Beane Lane, Newington year round or Fox Point boat ramp at site (summer only)

Site Access By boat from Fox Point

Nearest Boat Ramp Great Bay Marine (year round) or Fox Point boat ramp (summer only)

Collection Points None

Special Instructions

Work Assignment Box in the island with 900 feet of containment boom using 3 permanent mooring floats and 1 anchor with a float. Multiple layers may be necessary. Make effort to anchor boom in the water just off the island.

Recommended Equipment / Resources

Length of Boom (feet) 900 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

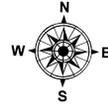
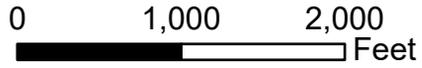
Last Desktop Validation: 9/13/2020

Last Field Visit: 7/1/2003

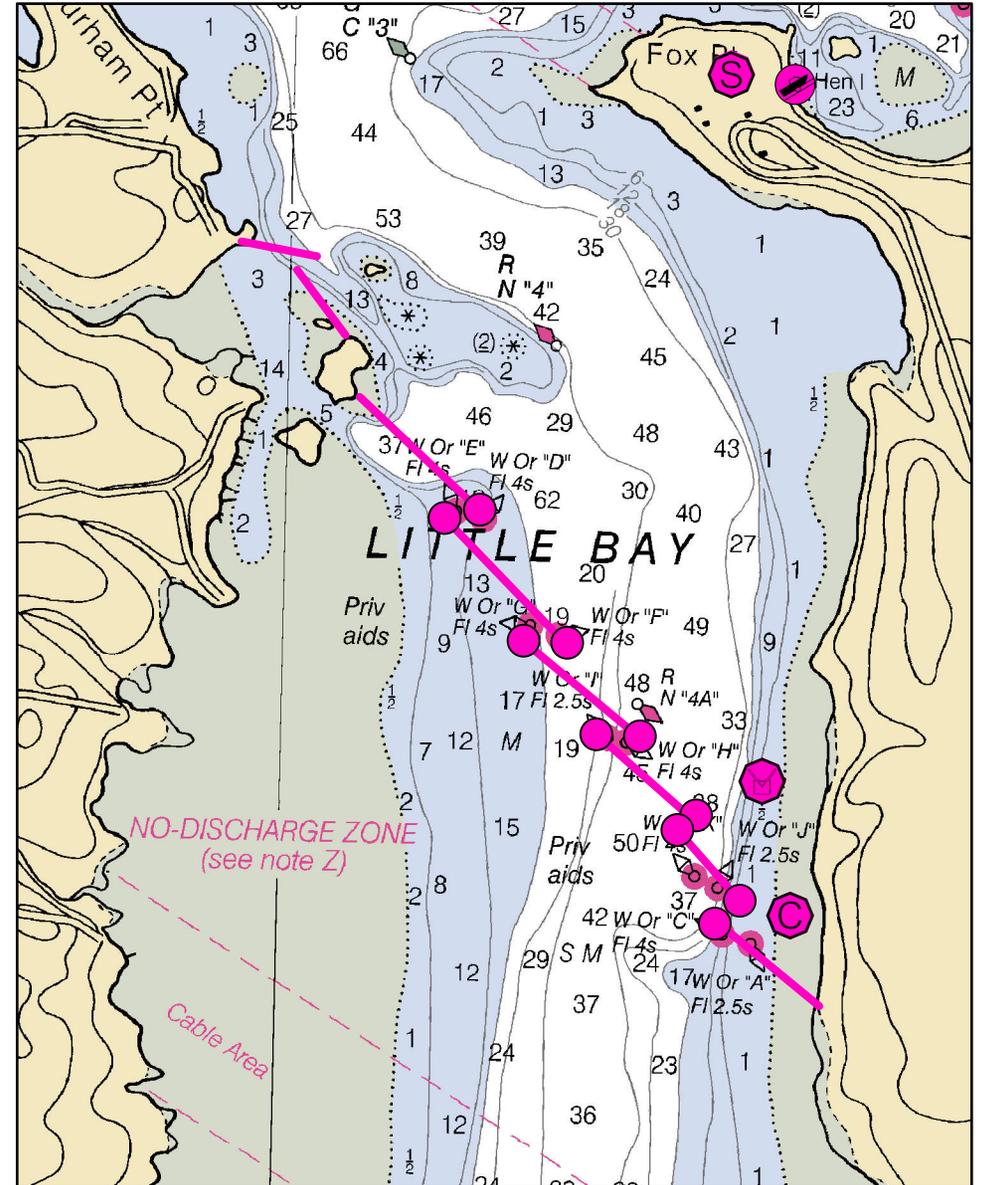
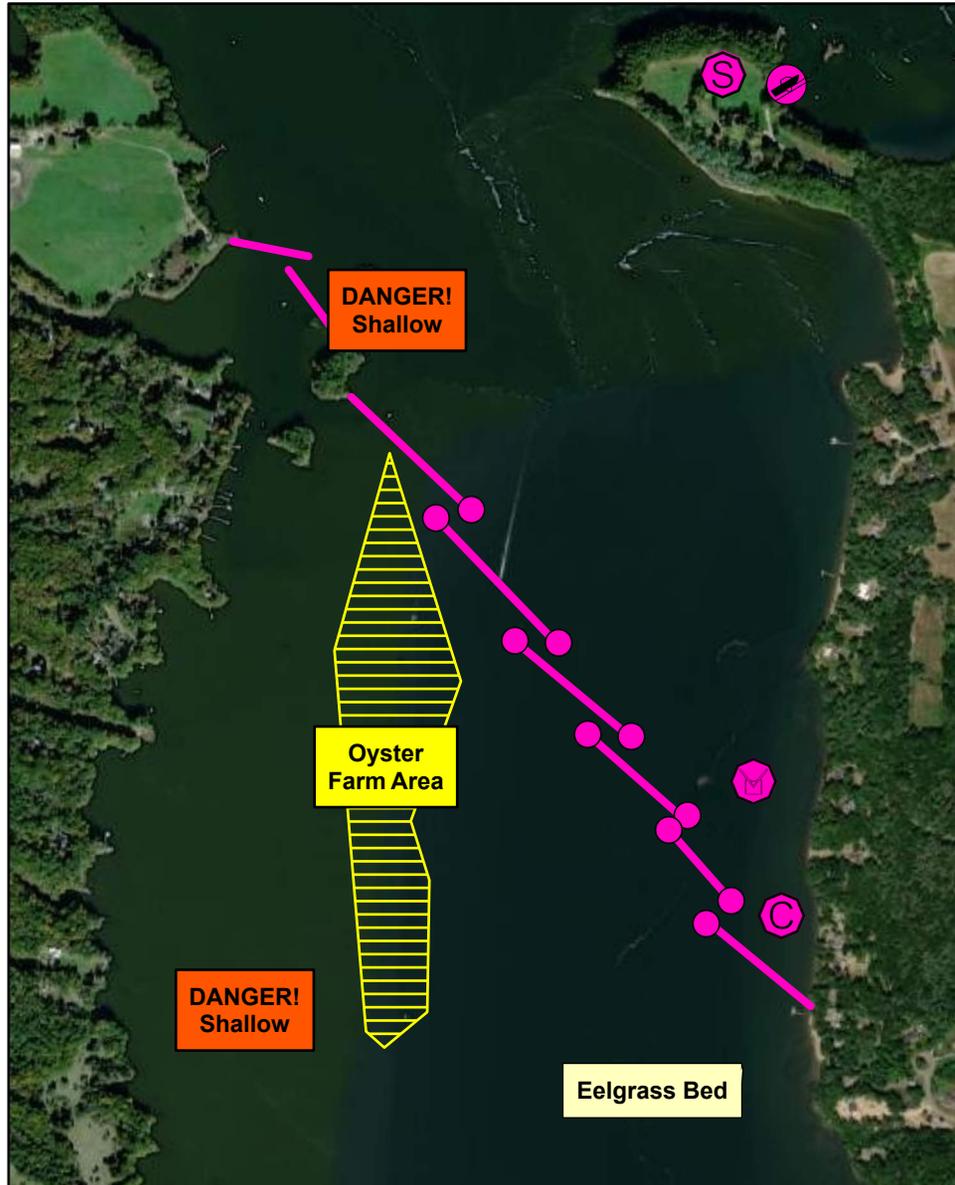
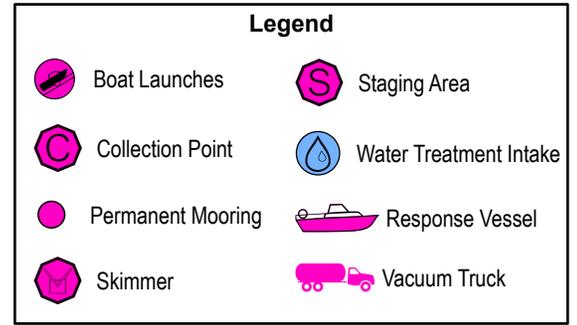
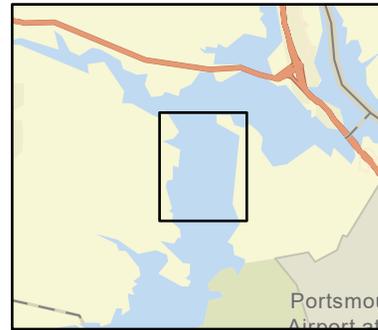
Last Field Test: 8/19/2004

A-13-2

Little Bay: Great Bay Protection Option 1 Newington / Durham, NH



Date printed: 9/10/2022 7:49 PM



A-13-2 Little Bay: Great Bay Protection Option 1

Town	Newington, NH	Port Region	New Hampshire and Southern Maine
Latitude	43 6.691' N	Longitude	70 51.657' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood	ESI Map #	55B
Source	Ebb	EVI Map #	N/A
		DeLorme Map # (2019)	30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type	Sheltered tidal flats (9A)
ESI Secondary Shoreline Type	Gravel beaches (6A)

Environmental Concerns Eelgrass beds in immediate vicinity (see map). Great Bay is a National Estuarine Research Reserve and very sensitive habitat for many species. Contact NH Dept. of Fish & Game, 603-271-3421. Jackson Lab at Adams Point has a water intake, 603-862-2175

Archaeological Conflicts

Strategy Information

Strategy Purpose	To divert oil from entering Great Bay
Staging Areas	Fox Point (summer only) or Great Bay Marine, 61 Beane Lane, Newington
Site Access	By water from Fox Point or Great Bay Marine
Nearest Boat Ramp	Fox Point (summer only) or Great Bay Marine, 61 Beane Lane, Newington
Collection Points	Small beach in vicinity of pier on eastern shoreline
Special Instructions	
Work Assignment	Deploy lengths of boom as shown on map. Boom is stored on site in moored barges (DES 43 & 44).

Recommended Equipment / Resources

Length of Boom (feet)	6500	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys. Permanent moorings on site 3 - shoreside connections. 1 - skimmer and storage 4 - workboats with minimum 90 hp 4 - boat operators 6-8 - laborers		

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

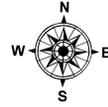
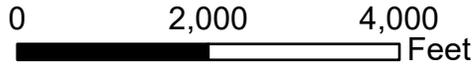
Last Desktop Validation: 9/13/2020

Last Field Visit

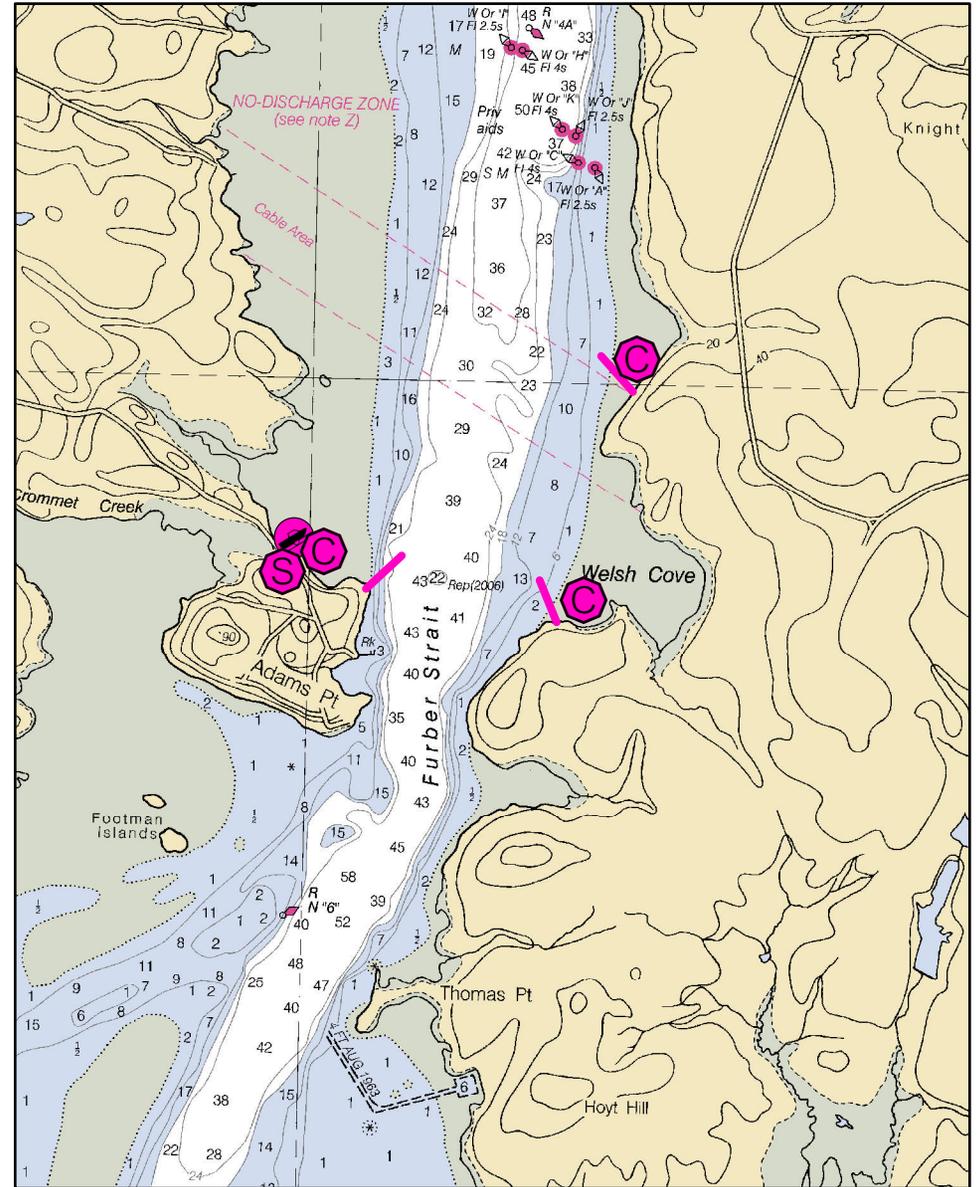
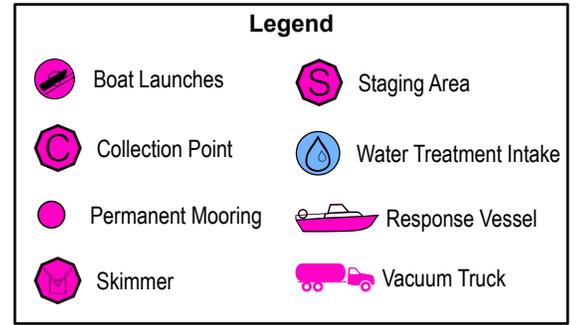
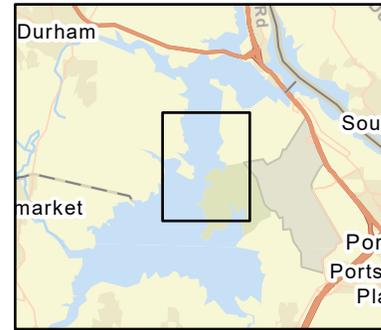
Last Field Test: 6/16/2014

A-13-3

Fuirber Strait: Great Bay Protection Option 2 Newington / Durham, NH



Date printed: 9/10/2022 7:49 PM



A-13-3 Furber Strait: Great Bay Protection Option 2

Town Newington / Durham, NH

Latitude 43° 5.843' N **Longitude** 70° 51.631' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2 (Part)

DeLorme Map # (2019) 30 (NH); 1 B2,C2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Great Bay contains extensive sensitive resources: shorebird and waterfowl habitat, shellfish beds, salt marsh, tidal flats, eelgrass, etc. Contact NH Dept. of Fish & Game, 603-271-3421

Archaeological Conflicts

Strategy Information

Strategy Purpose Backup strategy for A-13-2. Purpose is to divert oil into coves for collection.

Staging Areas Adams Point boat launch and/or Jackson Lab dock.

Site Access By water or deploy from Adams Point boat launch (high tide only): From Route 4, Take Route 108 south and turn left on Durham Pt. Road. Left onto Adams Point Road to boat launch.

Nearest Boat Ramp Adams Point (high tide only), Fox Point boat ramp or Great Bay Marine, 61 Beane Lane, Newington

Collection Points Via skimmers in coves.

Special Instructions Water intake at Jackson Lab. Be aware of Cable Area at northeast leg.

Work Assignment This is a backup strategy for A-13-2. Place three 500 foot long lengths of harbor boom as shown in the vicinity of Furber Strait to direct oil into coves for collection.

Recommended Equipment / Resources

Length of Boom (feet) 1500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
3 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
3 - shoreside connections.
3 - skimmers and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

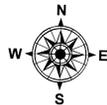
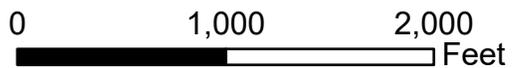
Last Field Visit

Last Field Test:

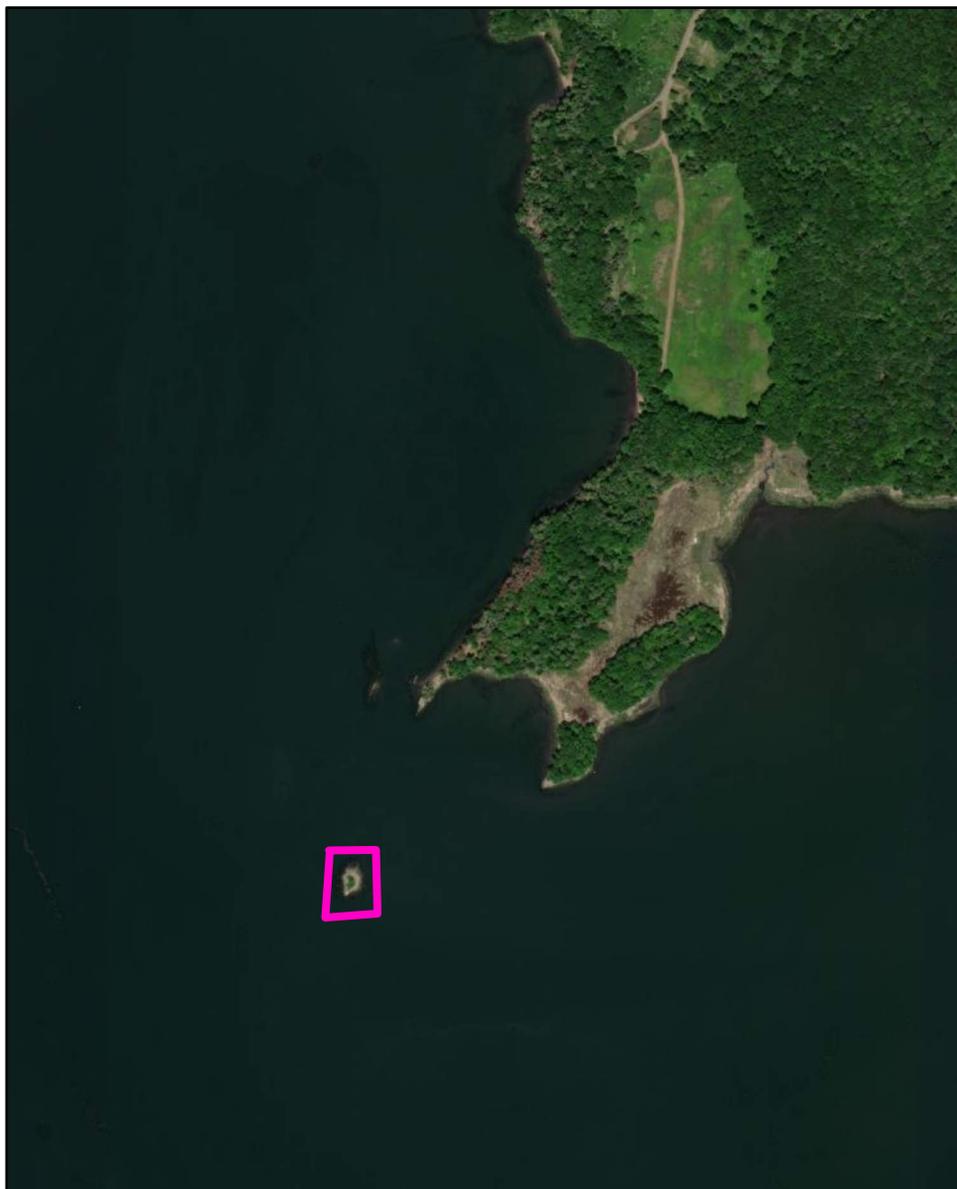
A-14-1

Nannie Island

Newington, NH

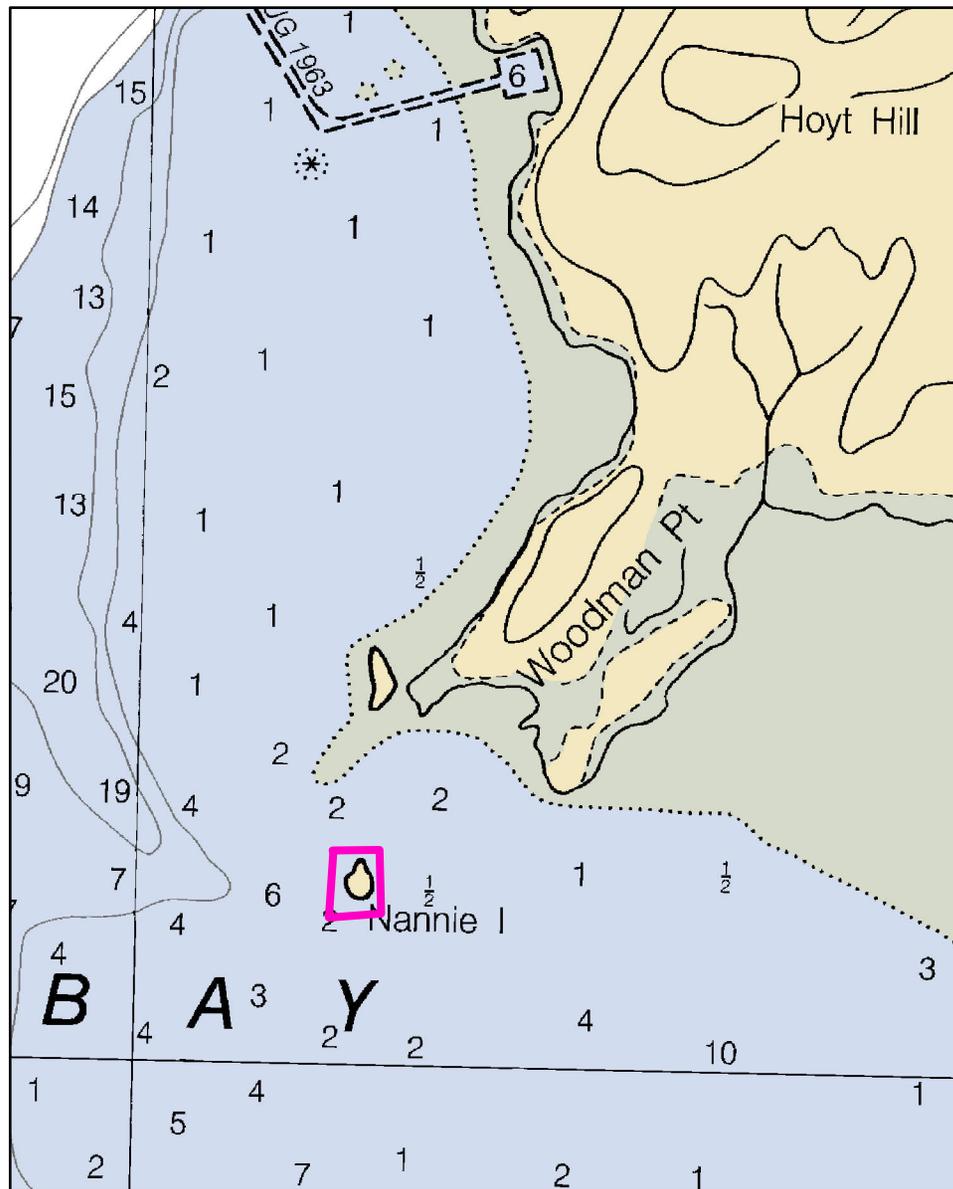


Date printed: 9/10/2022 7:49 PM



Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-14-1 Nannie Island

Town Newington, NH

Latitude 43° 04.136 N **Longitude** 70° 51.761 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb**

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 C2 (ME)

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Nannie Island

Staging Areas Adams Point boat launch, 64 Adams Point Road, Durham, NH or Jackson Lab dock at Adams Point.

Site Access By boat

Nearest Boat Ramp Adams Point boat launch (high tide only) or Great Bay Marine, 61 Beane Lane, Newington

Collection Points N/A

Special Instructions

Work Assignment Encircle island in a box using containment boom. Multiple layers may be necessary. Make effort to anchor boom in the water just off of the island.

Recommended Equipment / Resources

Length of Boom (feet) 950 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum) 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.

1 - workboats with minimum 90 hp

1 - boat operators

2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

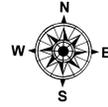
Last Field Visit: 7/1/2003

Last Field Test: 9/19/2006

A-15-1

Winnicut River Greenland, NH

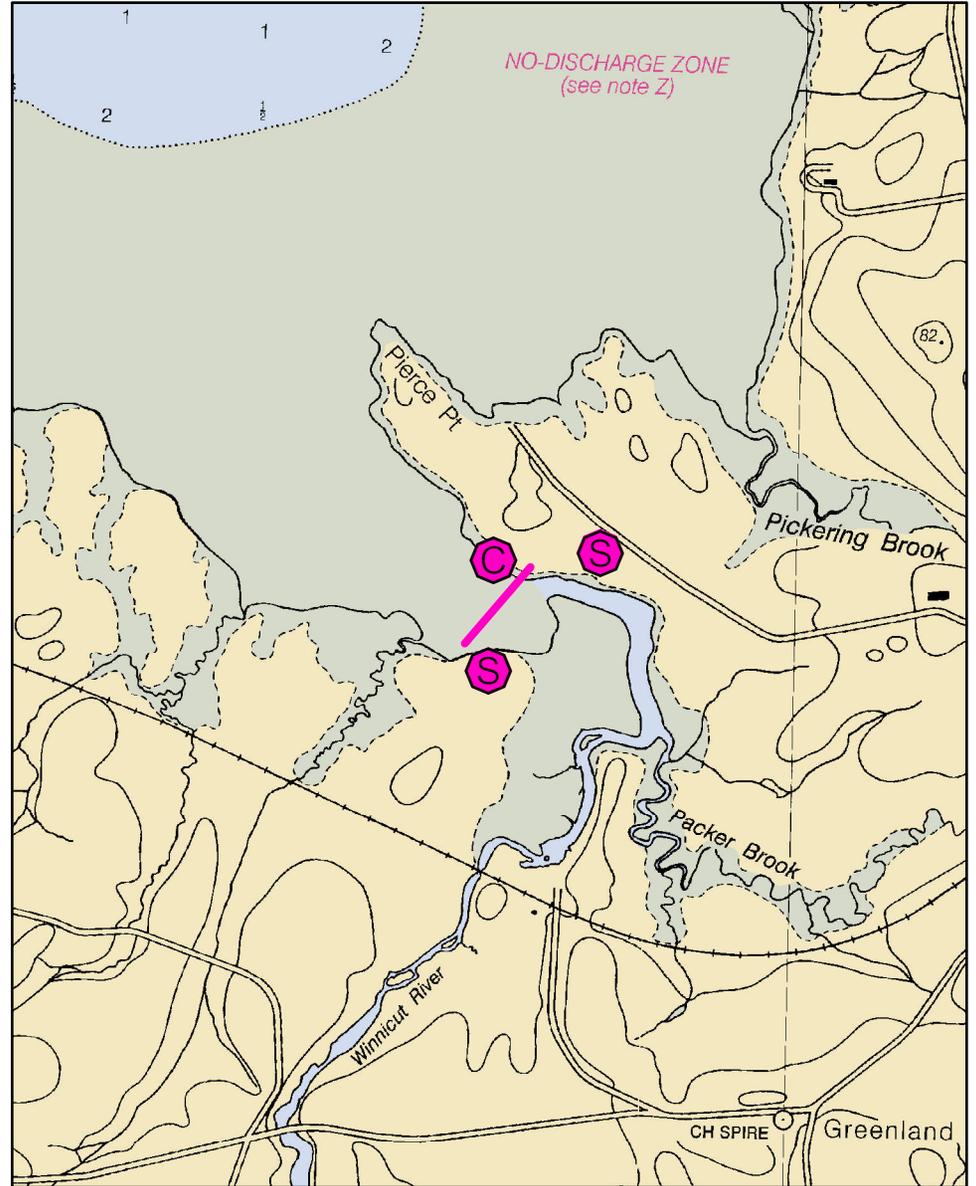
0 1,000 2,000
Feet



Date printed: 9/10/2022 7:49 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-15-1 Winnicut River

Town Greenland, NH

Latitude 43° 02.884' N **Longitude** 70° 50.466' W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb** 0.8

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 57A

EVI Map # 2 (Part)

DeLorme Map # (2019) 30 (NH); 1 C2,C3 (ME)

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)

ESI Secondary Shoreline Type Gravel beaches (6A)

Environmental Concerns Saltmarsh, tidal flats, shorebird habitat, shellfish beds, diadromous fish runs

Archaeological Conflicts

Strategy Information

Strategy Purpose To divert oil from upper Winnicut River and Packer Brook

Staging Areas Portsmouth Country Club golf course, 80 Country Club Lane, Greenland or near Greenland Housing development on south side of river off of Bayside Road

Site Access Southwest Shore - Route 33 to Bayside Road to Caswell Drive to Bay Shore Drive Northeast Shore - Route 33 to Portsmouth Ave. to Country Club Road

Nearest Boat Ramp Adams Point boat ramp, 64 Adams Point Rd., Durham or Great Bay Marine, 61 Beane Lane, Newington

Collection Points Adjacent to Portsmouth Country Club golf course

Special Instructions

Work Assignment Deploy 700 feet of containment boom from Portsmouth Country Club golf course, 80 Country Club Lane, Greenland, on the north side of the river southward within the river channel to cover Winnicut River and Packer Brook.

Recommended Equipment / Resources

Length of Boom (feet) 700 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections.
1 - skimmer and storage
1 - shallow draft workboat
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

Last Field Visit: 7/1/2003

Last Field Test:

A-16-1 Squamscott River

Town Stratham, NH

Latitude 43° 03.365' N **Longitude** 70° 54.697' W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb** 1.08

Source Measured

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 57A, 57B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 C1,C2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Tidal flats, salt marshes and shorebird / waterfowl habitat upstream. EPA also has two inland strategies at Chapman's Landing and Mill Brook: https://nrt.org/site/doc_list.aspx?site_id=38

Archaeological Conflicts

Strategy Information

Strategy Purpose To divert oil from upper Squamscott River

Staging Areas Chapman's Landing, College Road (Rte. 108), Newfields, NH

Site Access Chapman's Landing, College Road (Rte. 108), Newfields, NH

Nearest Boat Ramp Chapman's Landing, College Road (Rte. 108), Newfields, NH

Collection Points Either side of railroad bridge

Special Instructions

Work Assignment Deploy anchor on east side of channel. Magnetic bearings of 288° to Creek on West bank and 216° to west shore of railroad bridge.
Deploy east Section 1,350 foot section from west bank of RR Bridge to channel anchor.
Deploy one 1,250 foot section from east bank of RR Bridge to channel anchor.
6. Observe deployment for stability.
7. Prepare to recover oil?

Recommended Equipment / Resources

Length of Boom (feet) 2650

Type of Boom 12" to 18" harbor boom

Recommended Equipment (Minimum)
1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - shoreside connections.
2 - skimmers and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - 6 laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

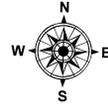
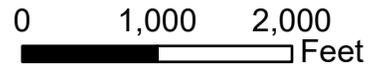
Last Desktop Validation: 9/13/2020

Last Field Visit 7/1/2003

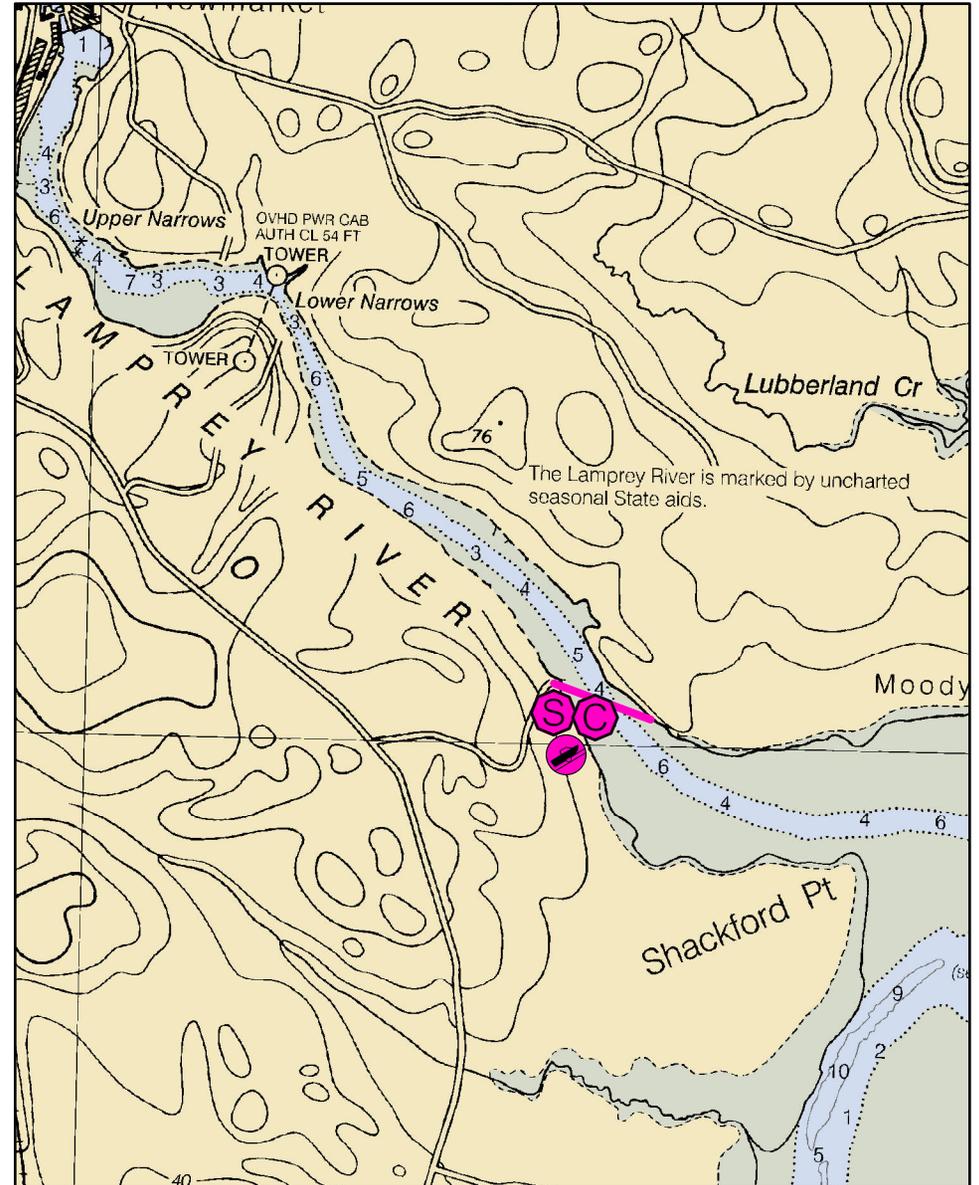
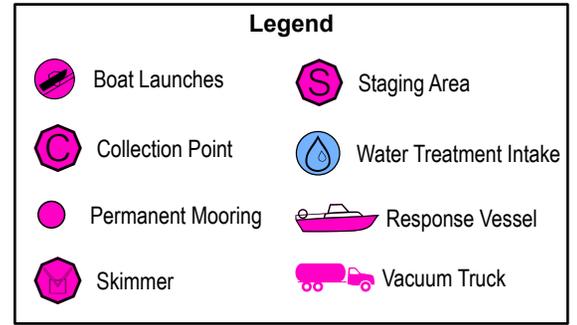
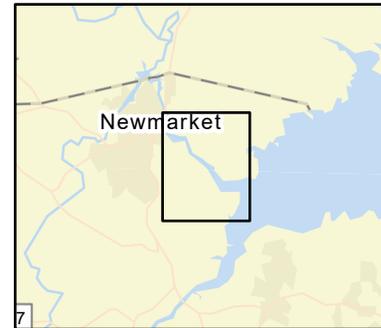
Last Field Test:

A-17-1

Lamprey River Newmarket, NH



Date printed: 9/10/2022 7:49 PM



A-17-1 Lamprey River

Town	Newmarket, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 03.919' N	Longitude	70° 54.524' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood	ESI Map #	55C, 57B, 57A
	Ebb 0.92	EVI Map #	N/A
Source	Measured	DeLorme Map # (2019)	30 (NH); 1 C1,C2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Tidal flats, fringing marshes, shorebird and waterfowl habitat in Lamprey River

Archaeological Conflicts

Strategy Information

Strategy Purpose To divert oil from upper Lamprey River

Staging Areas Schanda Park boat launch, Water Street, Newmarket

Site Access Schanda Park boat launch, Water Street, Newmarket

Nearest Boat Ramp Schanda Park boat launch

Collection Points Schanda Park boat launch

Special Instructions

Work Assignment Deploy 750 feet of containment boom angled from Schanda Park boat launch, Water Street, Newmarket, across river. EPA has inland strategies for Lamprey River further upstream: https://nrt.org/site/doc_list.aspx?site_id=38

Recommended Equipment / Resources

Length of Boom (feet) 750 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections.
1 - skimmer and storage
1 - workboat with minimum 90 hp
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

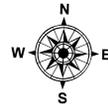
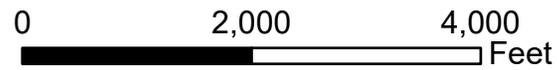
Last Field Visit: 7/1/2003

Last Field Test:

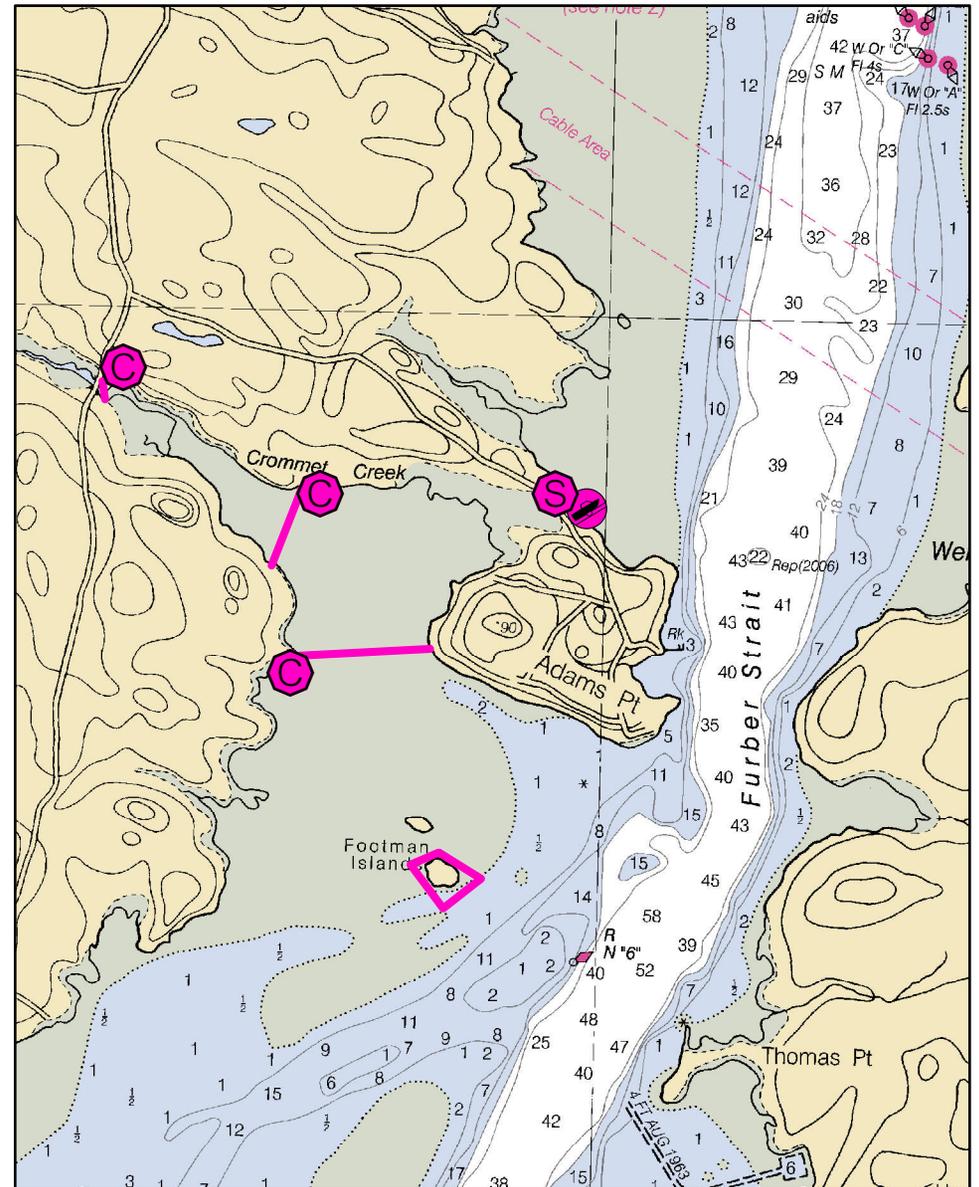
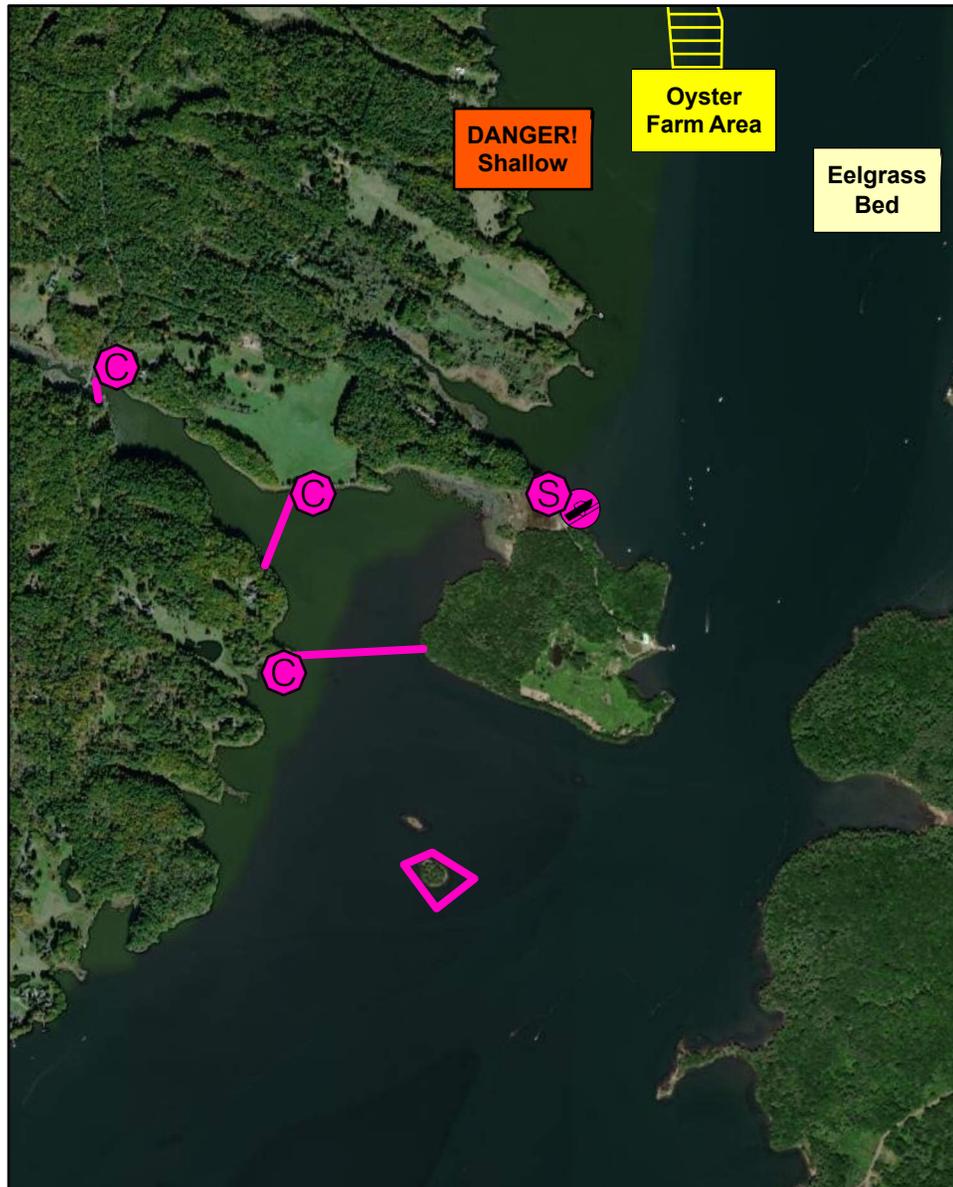
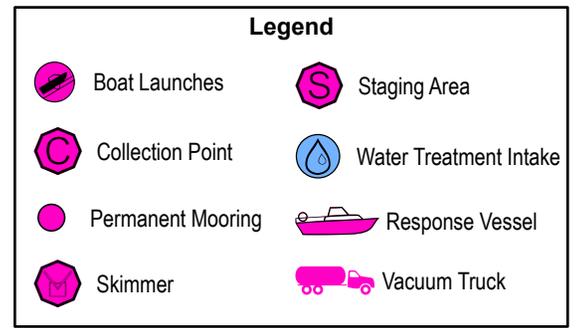
A-18-1

Crommet Creek and Footman Islands

Durham, NH



Date printed: 9/10/2022 7:49 PM



A-18-1 Crommet Creek and Footman Islands

Town Durham, NH

Latitude 43° 05.258' N **Longitude** 70° 52.375' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns National Heritage Inventory, shellfish beds, tidal flats, salt marsh

Archaeological Conflicts

Strategy Information

Strategy Purpose To divert oil from entering upper Crommet Creek and exclude oil from Footman Islands

Staging Areas Adams Point boat ramp (high tide only), 64 Adams Point Road, Durham

Site Access Bridge at Bay Road / Durham Point Road, or by boat from Adams Point

Nearest Boat Ramp Adams Point boat launch, 64 Adams Point Road, Durham

Collection Points At shore ends of boom

Special Instructions

Work Assignment PRIORITY 1: Deploy 100 feet of containment boom across Crommet Creek downstream of bridge on Bay Road / Durham Point Road.
PRIORITY 2: Deploy 700 feet of boom across the creek between: north shore @ 43 05.740 N, 070 52.611 W and south shore @ 43 05.635 N, 070 52.650 W of Crommet Creek
PRIORITY 3: Deploy 1,200 feet of containment boom across the Crommet Creek between Adam's Point and the mainland: east shore (Adam's Point) @ 43 05.524 N, 070 52.343 W, west shore @ 43 05.510 N, 070 52.593 W
PRIORITY 4: (Only if directed by Incident Command) 1,600 feet of boom encircling the larger Footman Island starting @ 43 05.179 N, 070 52.250 W. Use a minimum of 4 anchors and ground tackle.

Recommended Equipment / Resources

Length of Boom (feet) 3600

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Priority 1:

- 2 - shoreside connections
- 1 - skimmer and storage
- 1 - small workboat
- 1 - boat operator
- 2 - laborers

Priorities 2 - 4:

- 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
- 4 - shoreside connections.
- 2 - 3 skimmers and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - 6 laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

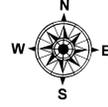
Last Field Visit: 7/1/2003

Last Field Test: 10/10/2006

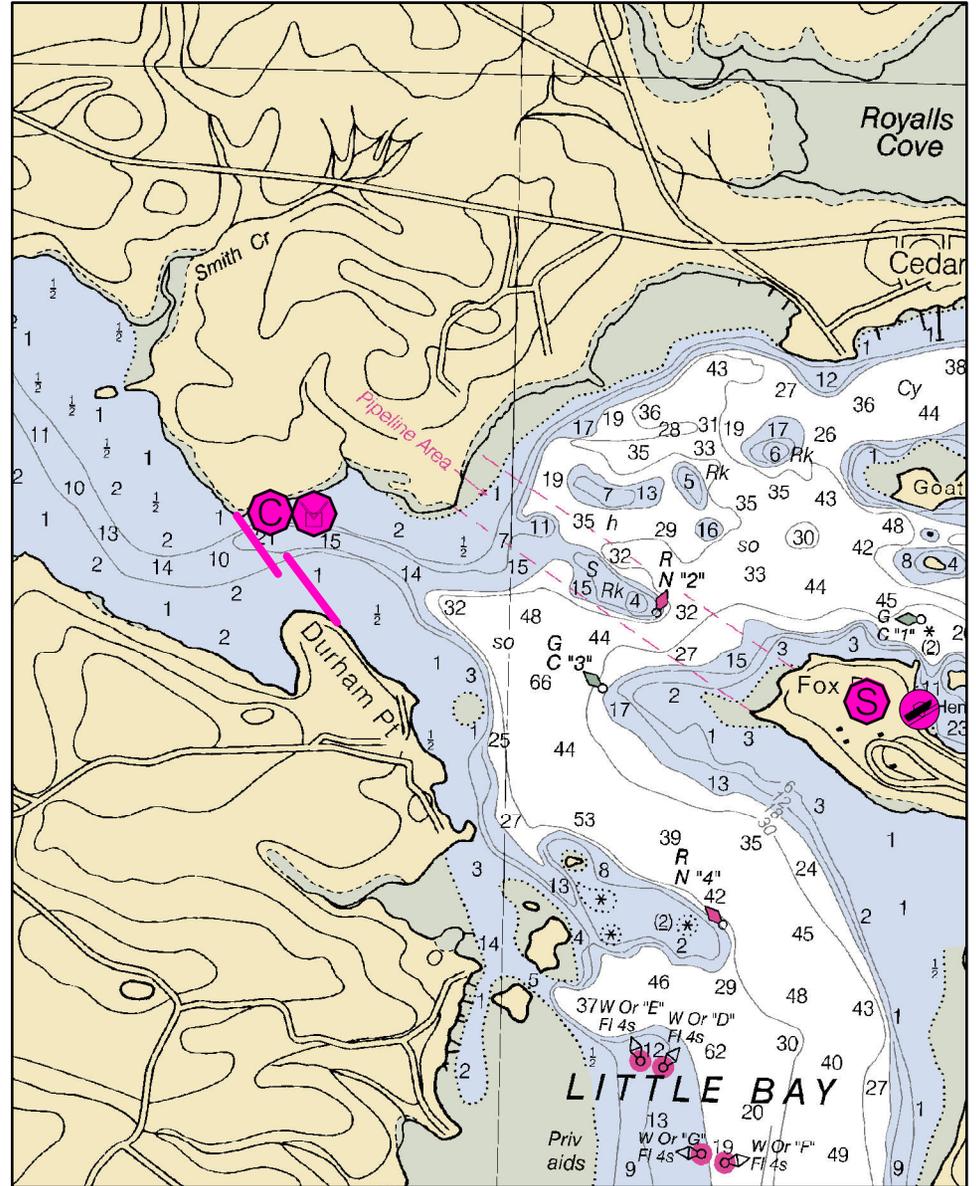
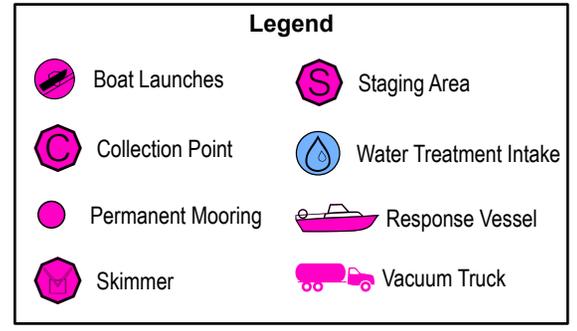
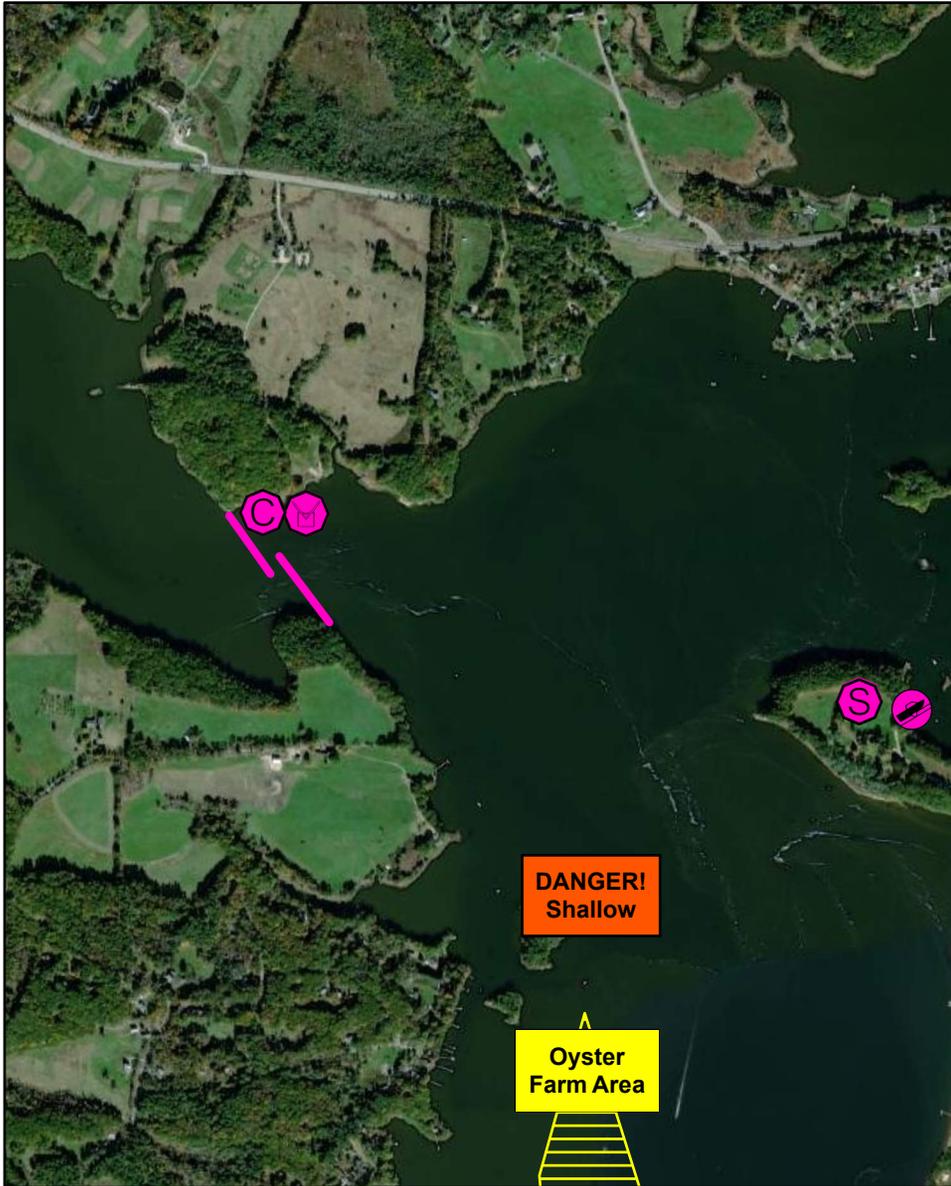
A-19-1

Oyster River Durham, NH

0 1,000 2,000
Feet



Date printed: 9/10/2022 7:49 PM



A-19-1 Oyster River

Town	Durham, NH	Port Region	New Hampshire and Southern Maine
Latitude	43° 07.401' N	Longitude	70° 52.363' W
Approx. Tidal Range (feet)	9	NOAA Chart #	13285_1
Max Current (knots)	Flood	ESI Map #	55B
Source	Measured	EVI Map #	N/A
		DeLorme Map # (2019)	30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)

ESI Secondary Shoreline Type

Environmental Concerns Oyster River has numerous shorebird habitat areas and extensive salt marsh. Shellfish beds and diadromous fish runs.

Archaeological Conflicts

Strategy Information

Strategy Purpose To prevent oil from entering Oyster River and its tributaries.

Staging Areas Fox Point boat launch, Newington (summer only) , Great Bay Marine, 61 Beane Lane, Newington or from Wagon Hill Farm shoreline, 156 Piscataqua Road, Durham

Site Access By water from Fox Point or Great Bay Marine

Nearest Boat Ramp Great Bay Marine (year round) or Fox Point boat ramp (summer only)

Collection Points Wagon Hill Farm shoreline, 156 Piscataqua Road, Durham

Special Instructions Secondary protection suggested at Bunker (A-19-3), Johnson (A-19-4), Smith (A-19-2) and Beards (A-19-5) Creeks.

Work Assignment Cascade one 500 foot length and one 650 foot length of containment boom across mouth of Oyster River.

Recommended Equipment / Resources

Length of Boom (feet) 1150 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - anchor systems: 35 lb. Danforth or equivalent and 75' of line plus 35' tag line with buoys.
2 - shoreside anchoring systems: tree straps plus approximately 100' of line as needed.
1300' of 12" or 18" harbor boom
1 Vactruck or skimmer and storage
1 workboat (towboat) with minimum 90 hp
Personnel: 1 boat operator and 2 laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

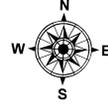
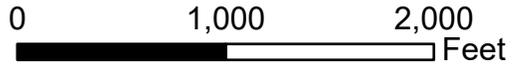
Last Desktop Validation: 9/13/2020

Last Field Visit: 5/23/2006

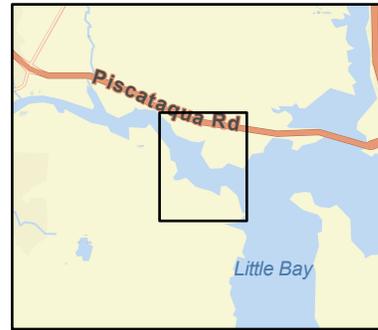
Last Field Test: 5/23/2006

A-19-2

Smith Creek on Oyster River Durham, NH

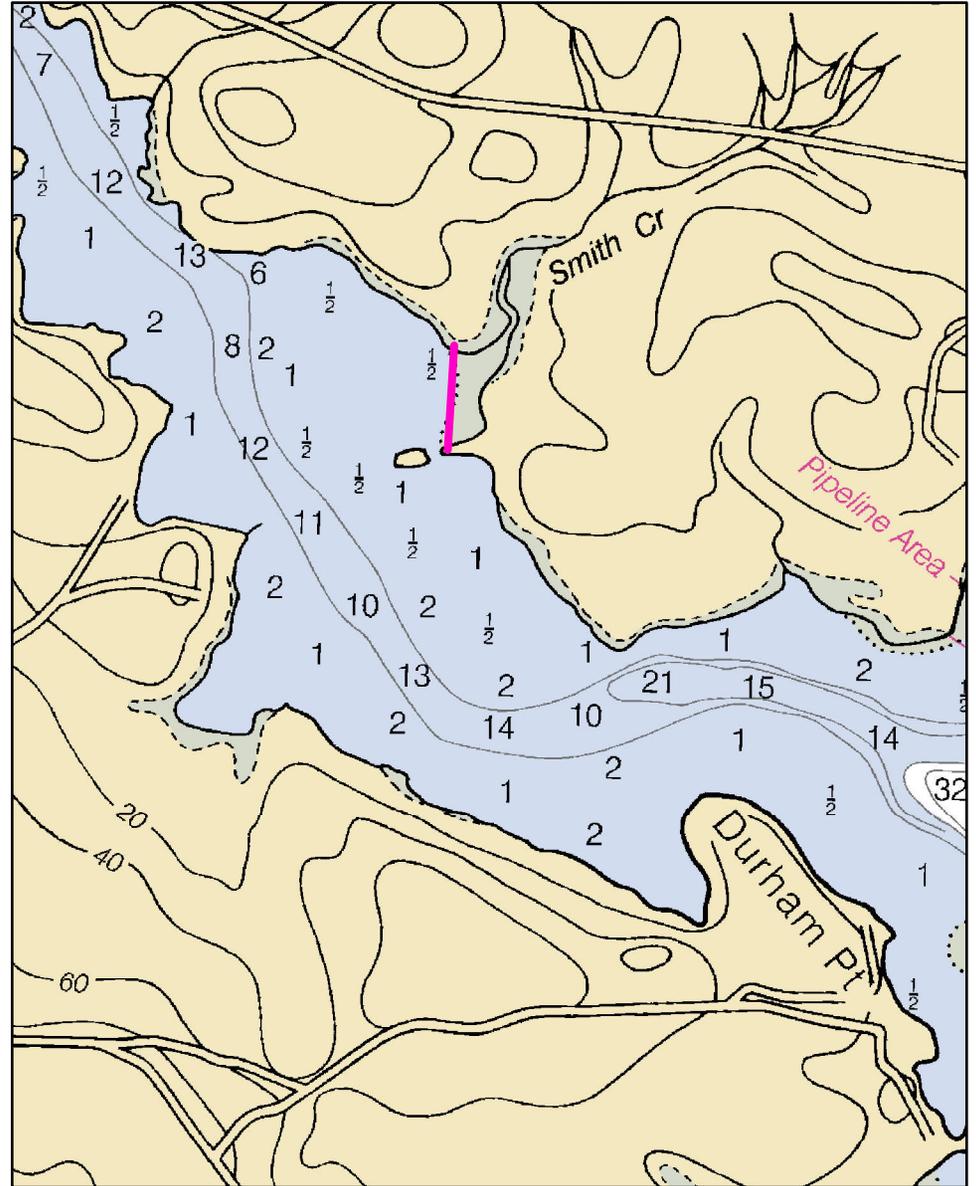


Date printed: 9/10/2022 7:49 PM



Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-19-2 Smith Creek on Oyster River

Town Durham, NH

Latitude 43° 07.658' N **Longitude** 70° 52.632' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Salt marsh and shellfish habitat in Smith Creek

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Smith Creek

Staging Areas Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham or from Fox Point, Newington (summer only)

Site Access By boat from Fox Point Newington (summer only) or Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham. A shallow draft boat capable of putting a crew ashore for tying off the boom ends is necessary.

Nearest Boat Ramp Fox Point, Newington 1.1 miles, or Jackson's Landing boat launch, 10 Old Piscataqua Road, Durham 1.9 miles over water

Collection Points N/A

Special Instructions

Work Assignment Deploy 550 feet of containment boom leaving enough slack to allow for low tide or adjust as necessary. Attach one end to the rocky point on the east side at 43 07.616 N and 70 52.640 W. Attach the western end to a tree at the cobbled shore at 43 07.698 W and 70 52.663 W. Boom can be towed to site from a PRC boom barge or a boom reel trailer driven over the road and parked at Fox Point in Newington.

Recommended Equipment / Resources

Length of Boom (feet) 600

Type of Boom Harbor Boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - shallow draft boat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

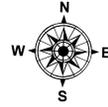
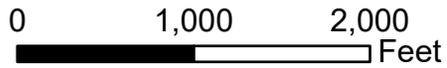
Last Desktop Validation: 9/13/2020

Last Field Visit: 8/23/2005

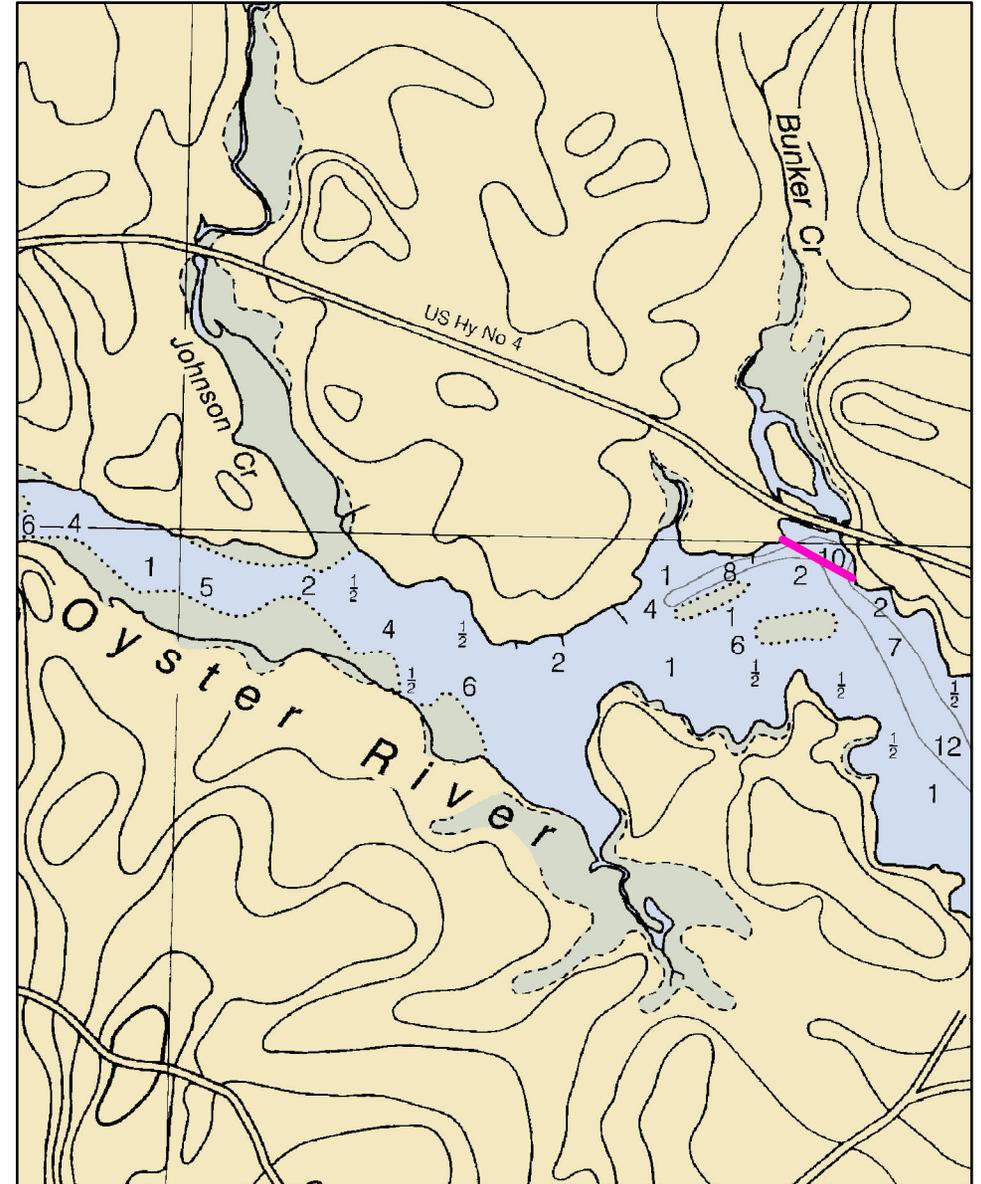
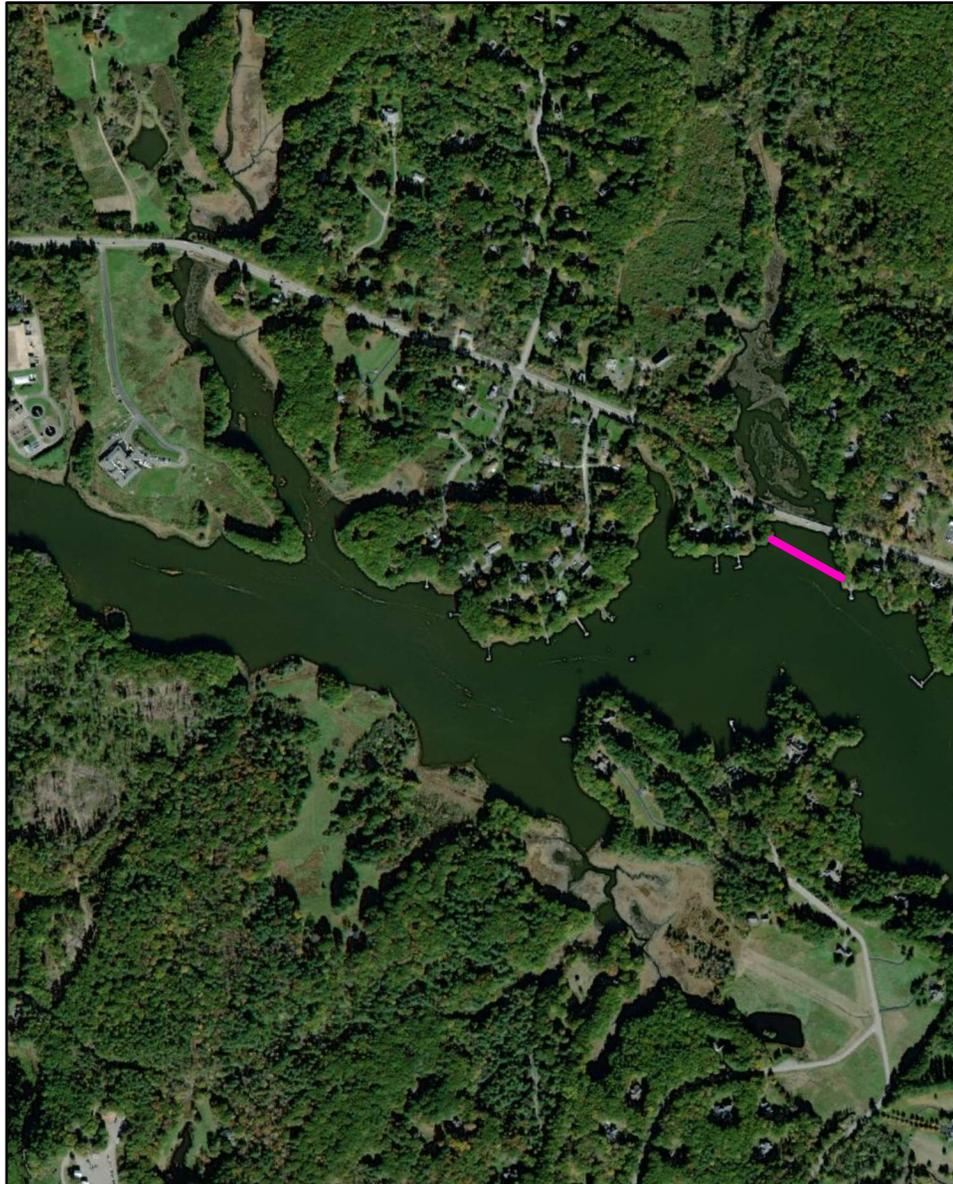
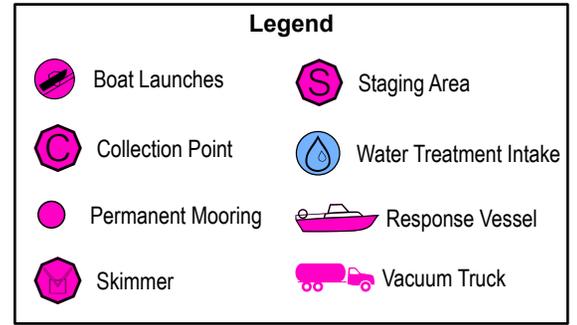
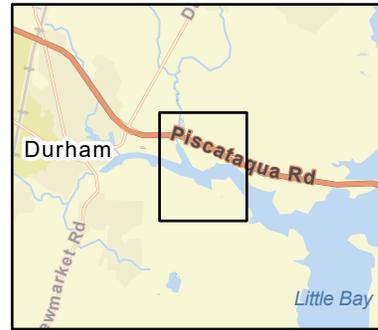
Last Field Test: 8/23/2005

A-19-3

Bunker Creek on Oyster River Durham, NH



Date printed: 9/10/2022 7:49 PM



A-19-3 Bunker Creek on Oyster River

Town Durham, NH

Latitude 43° 08.004' N **Longitude** 70° 53.231' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55C, 55B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Marsh and tidal flats in creek

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Bunker Creek

Staging Areas Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham or Fox Point boat ramp, Newington (summer only)

Site Access Bunker Creek passes through a concrete culvert under Route 4 and flows into the Oyster River. Oyster River is within 50 feet of Route 4. Or access by boat from Jackson's Landing boat ramp, Durham or Fox Point ramp, Newington (summer only).

Nearest Boat Ramp Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham 1.1 miles

Collection Points N/A

Special Instructions

Work Assignment Deploy 500 feet of containment boom leaving enough slack to allow for low tide or adjust as necessary. Attach west end to the rocky point at 43 07.972 N and 070 53.140 W. Attach east end to a point near the dock at 43 08.004 W and 070 53.231 W. Boom can be towed to site from a PRC boom barge or a boom reel trailer driven over the road and parked at Jackson's Landing, Durham or Fox Point, Newington.

Recommended Equipment / Resources

Length of Boom (feet) 500 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - shallow draft boat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

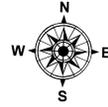
Last Field Visit: 8/30/2005

Last Field Test: 8/30/2005

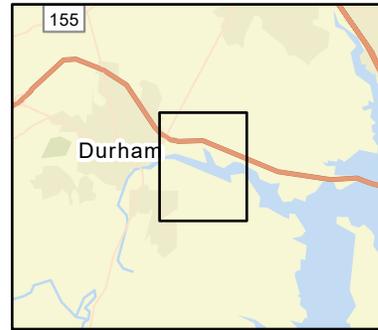
A-19-4

Johnson Creek on Oyster River Durham, NH

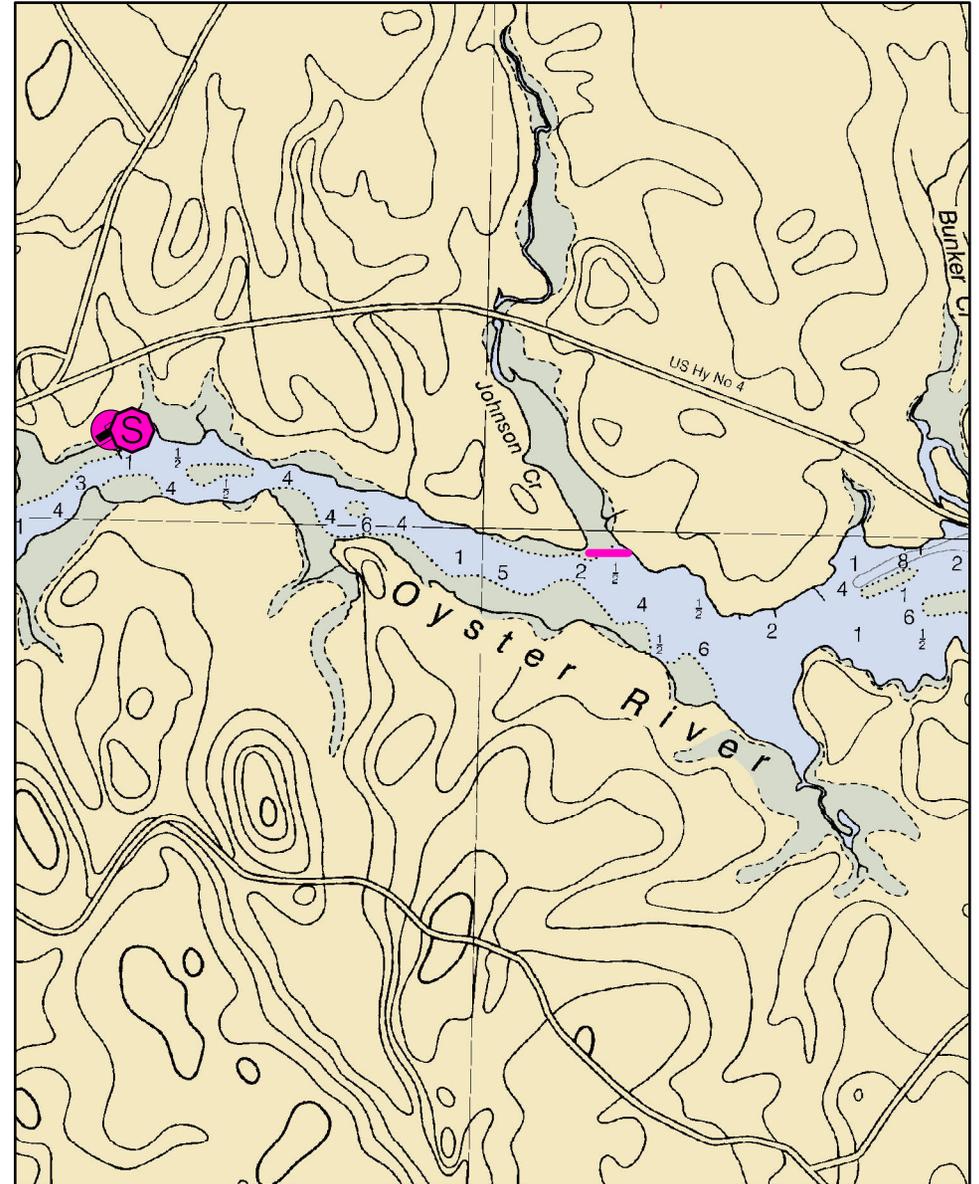
0 1,000 2,000
Feet



Date printed: 9/10/2022 7:49 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-19-4 Johnson Creek on Oyster River

Town Durham, NH

Latitude 43° 07.974' N **Longitude** 70° 53.768' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55C, 55B

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type

Environmental Concerns Salt marsh, tidal flats, shorebird and wading bird habitat in creek.

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Johnson Creek

Staging Areas Jackson's Landing, 10 Old Piscataqua Road, Durham

Site Access By boat from Jackson's Landing

Nearest Boat Ramp Jackson's Landing, 10 Old Piscataqua Road, Durham - 0.7 miles

Collection Points N/A

Special Instructions

Work Assignment Deploy 400 feet of containment boom leaving enough slack to allow for low tide or adjust as necessary. Attach west end to a tree at the point at 43 07.978 N and 070 53.832 W. Attach east end to a tree at the point at 43 07.983 W and 070 53.765 W.

Boom can be towed to site from a PRC boom barge or a boom reel trailer driven over the road and parked at Jackson's Landing, 10 Old Piscataqua Road, Durham or Fox Point boat ramp (summer only).

Recommended Equipment / Resources

Length of Boom (feet) 400

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - shallow draft boat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

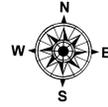
Last Field Visit: 9/1/2005

Last Field Test: 9/1/2005

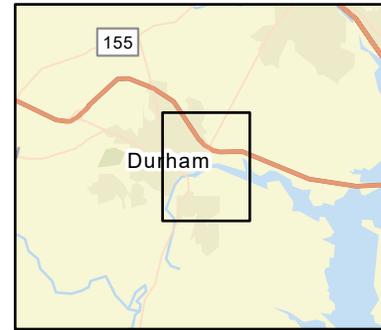
A-19-5

Beards Creek on Oyster River Durham, NH

0 1,000 2,000
Feet

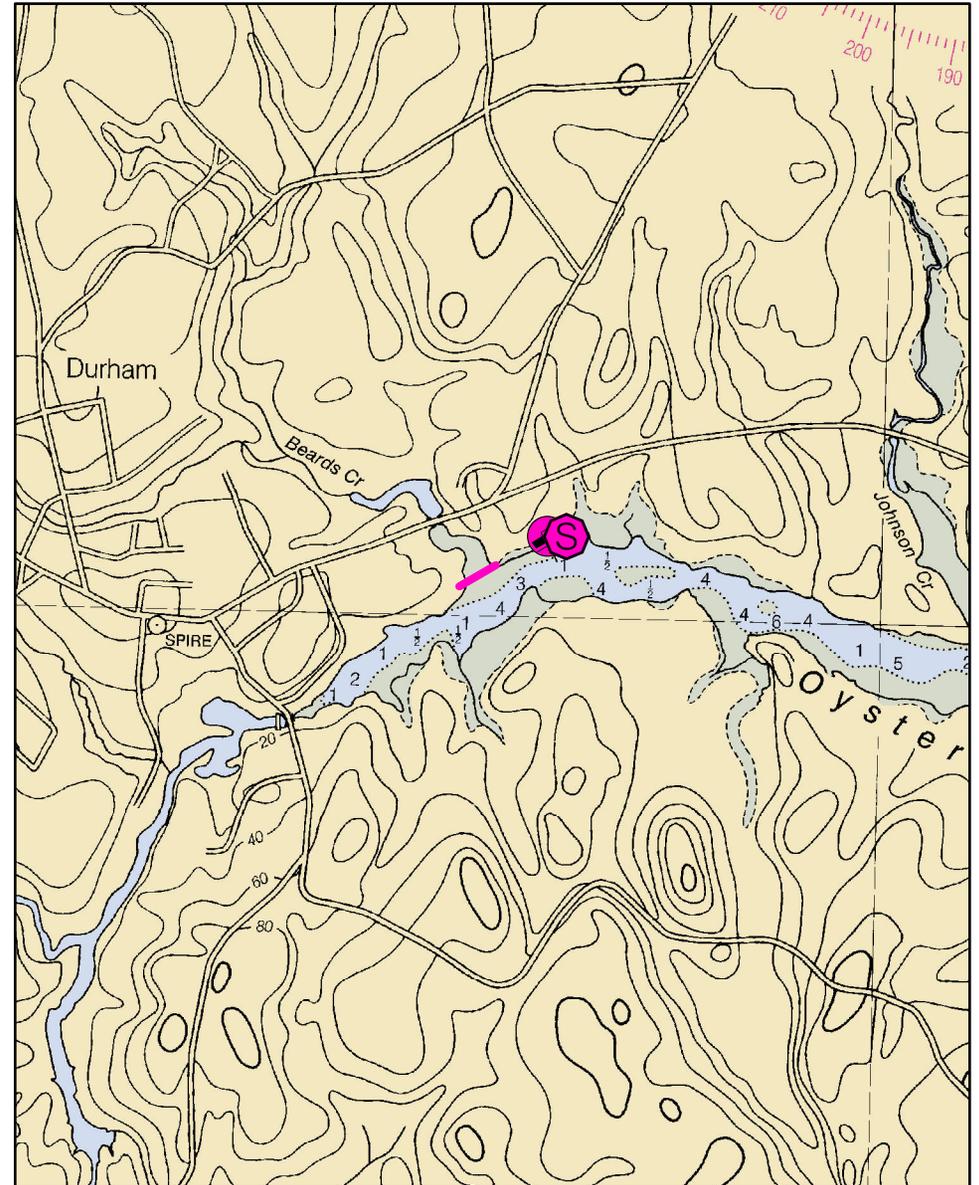
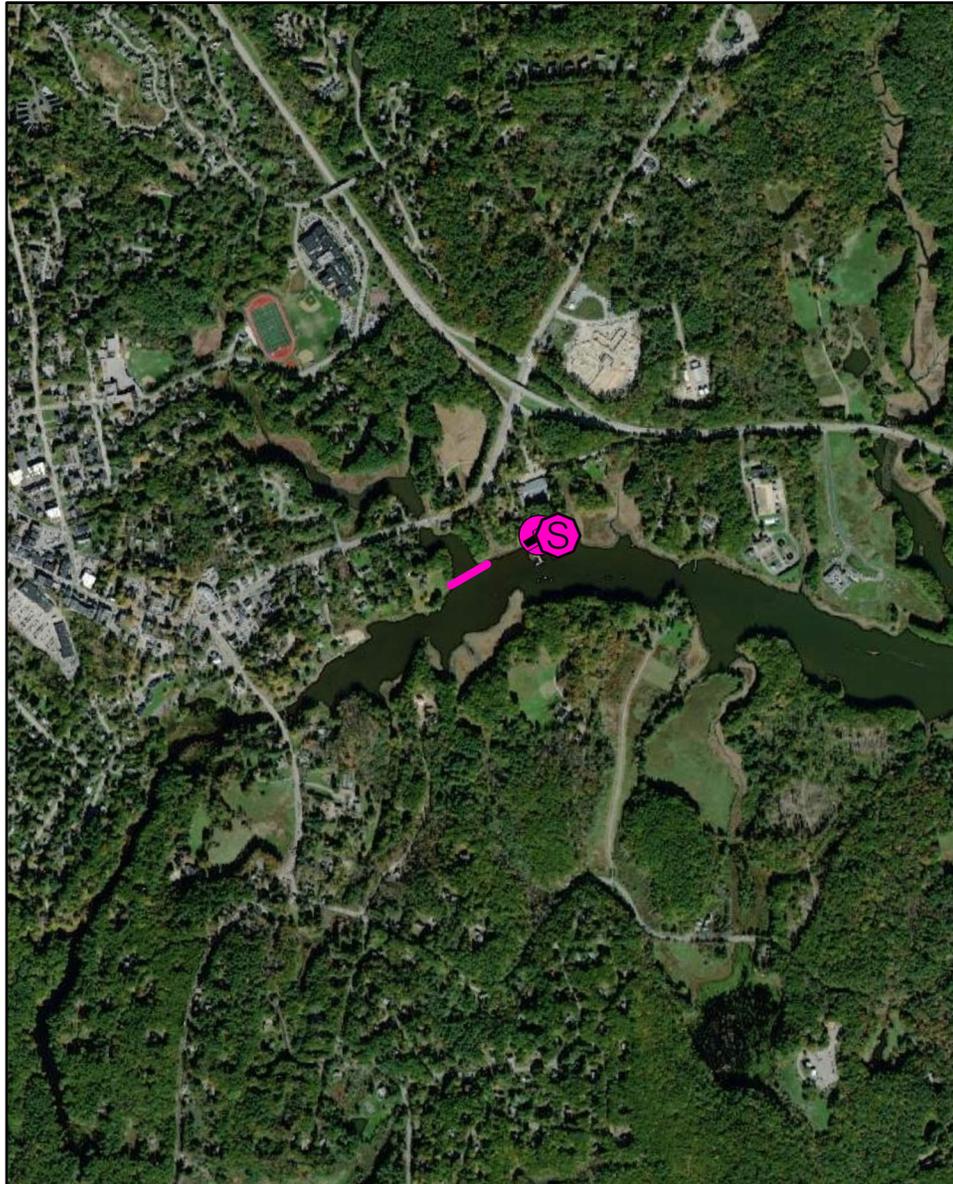


Date printed: 9/10/2022 7:49 PM



Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-19-5 Beards Creek on Oyster River

Town Durham, NH

Latitude 43° 08.052' N **Longitude** 70° 54.743' W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55C

EVI Map # N/A

DeLorme Map # (2019) 30 (NH); 1 B2,B1 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Tidal flats in creek

Archaeological Conflicts

Strategy Information

Strategy Purpose To exclude oil from Beards Creek

Staging Areas Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham

Site Access By boat from Jackson's Landing boat ramp

Nearest Boat Ramp Jackson's Landing boat ramp, 10 Old Piscataqua Road, Durham - adjacent to site

Collection Points N/A

Special Instructions

Work Assignment Deploy 300 feet of containment boom leaving enough slack to allow for low tide or adjust as necessary. Attach west end to the rocky point at 43 07.972 N and 070 53.140 W. Attach east end to a point near the dock at 43 08.004 W and 070 53.231 W.
Boom reel trailer driven over the road and parked at Jackson's Landing, Durham.

Recommended Equipment / Resources

Length of Boom (feet) 300

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - shallow draft boat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

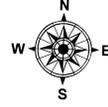
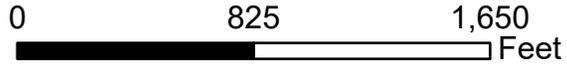
Last Desktop Validation: 9/13/2020

Last Field Visit: 9/22/2005

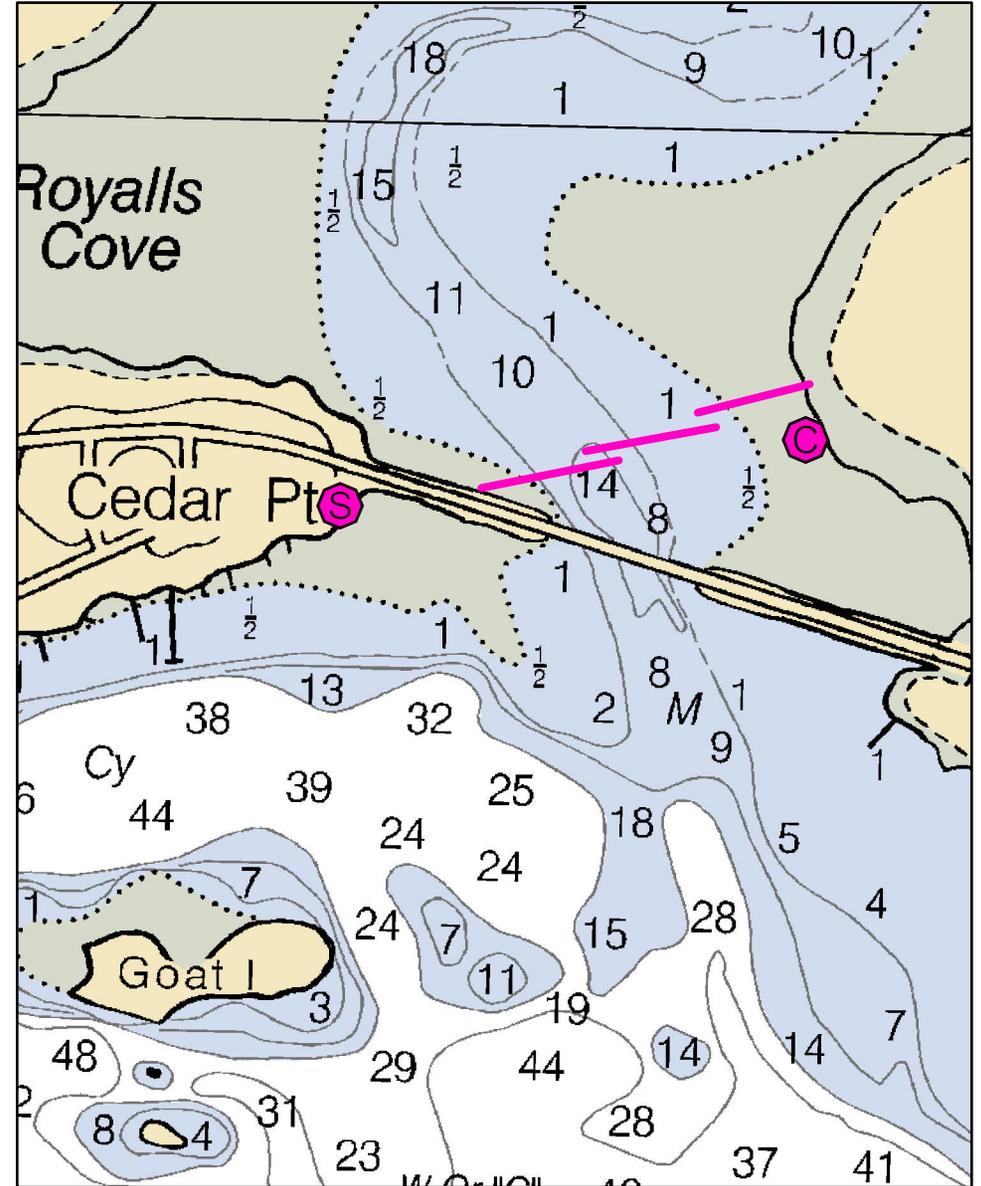
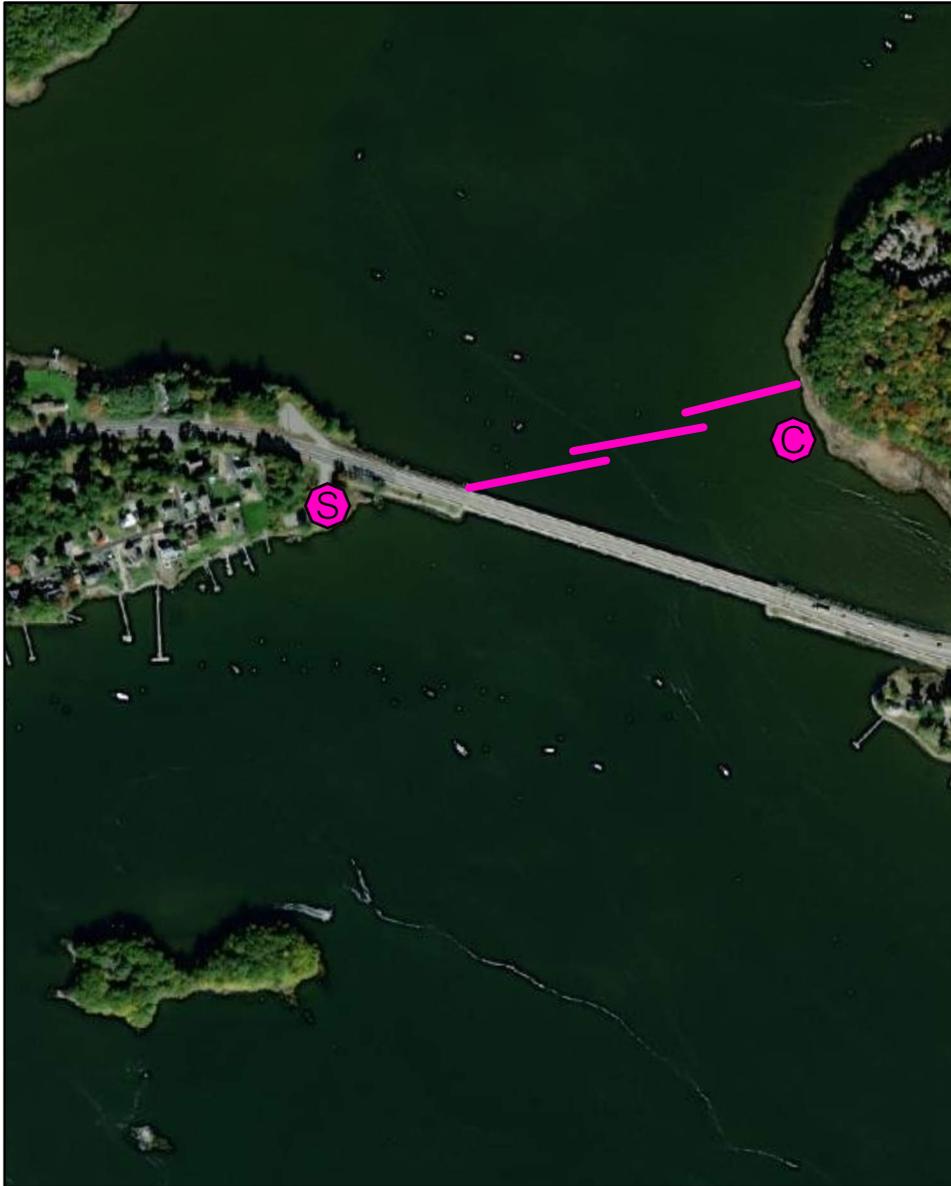
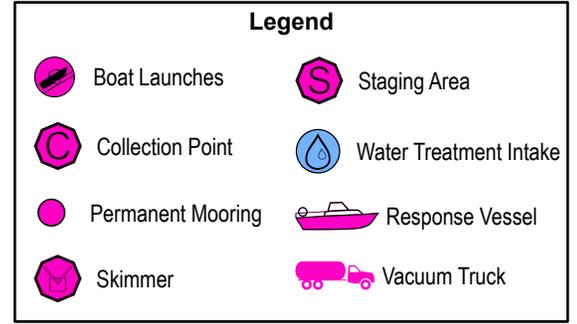
Last Field Test: 9/22/2005

A-20-1

Bellamy River Dover, NH



Date printed: 9/10/2022 7:49 PM



A-20-1 Bellamy River

Town Dover, NH

Latitude 43° 07.684' N **Longitude** 70° 50.903' W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 0.85 **Ebb**

Source Measured

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2 (Part)

DeLorme Map # (2019) 30 (NH); 1 B2 (ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)

ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Tidal flats, shellfish beds, saltmarsh, shorebird and waterfowl habitat in Bellamy River

Archaeological Conflicts

Strategy Information

Strategy Purpose To divert oil from Bellamy River

Staging Areas Durham side of Route 4 bridge - parking area and stairs

Site Access By boat and from Route 4 bridge

Nearest Boat Ramp Great Bay Marine, 61 Beane Lane, Newington

Collection Points Shore of bridge near boom ends.

Special Instructions

Work Assignment Deploy three 500 foot sections of containment boom in a cascade from bridge abutment to eastern shore.

Recommended Equipment / Resources

Length of Boom (feet) 1500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - shoreside connections.
1 - skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

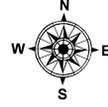
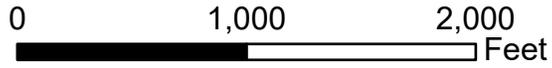
Last Desktop Validation: 9/13/2020

Last Field Visit: 7/1/2003

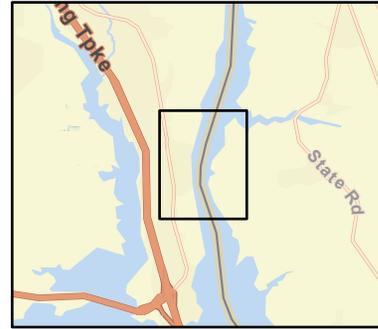
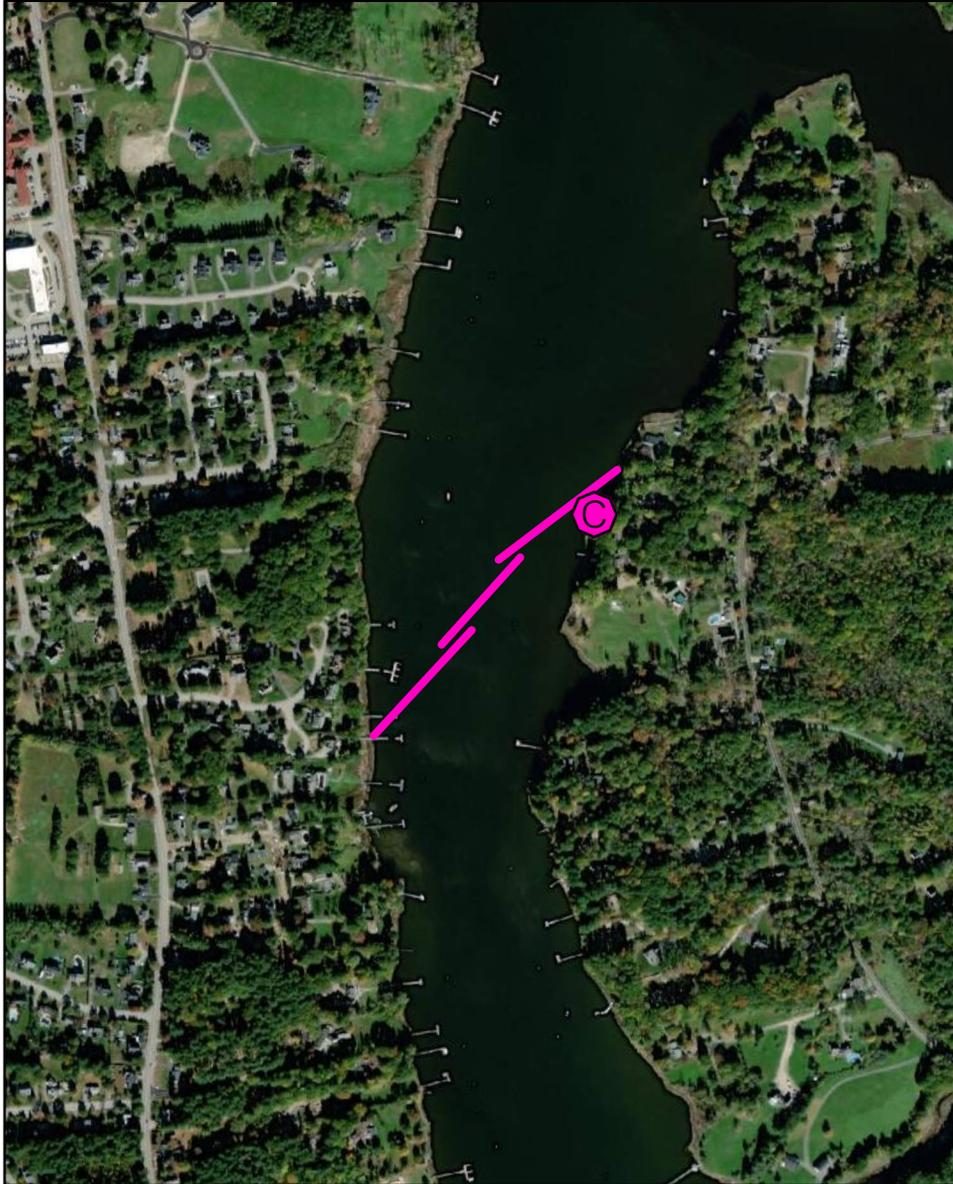
Last Field Test: 10/13/2004

A-21-1

Upper Piscataqua River Dover, NH / Eliot, ME

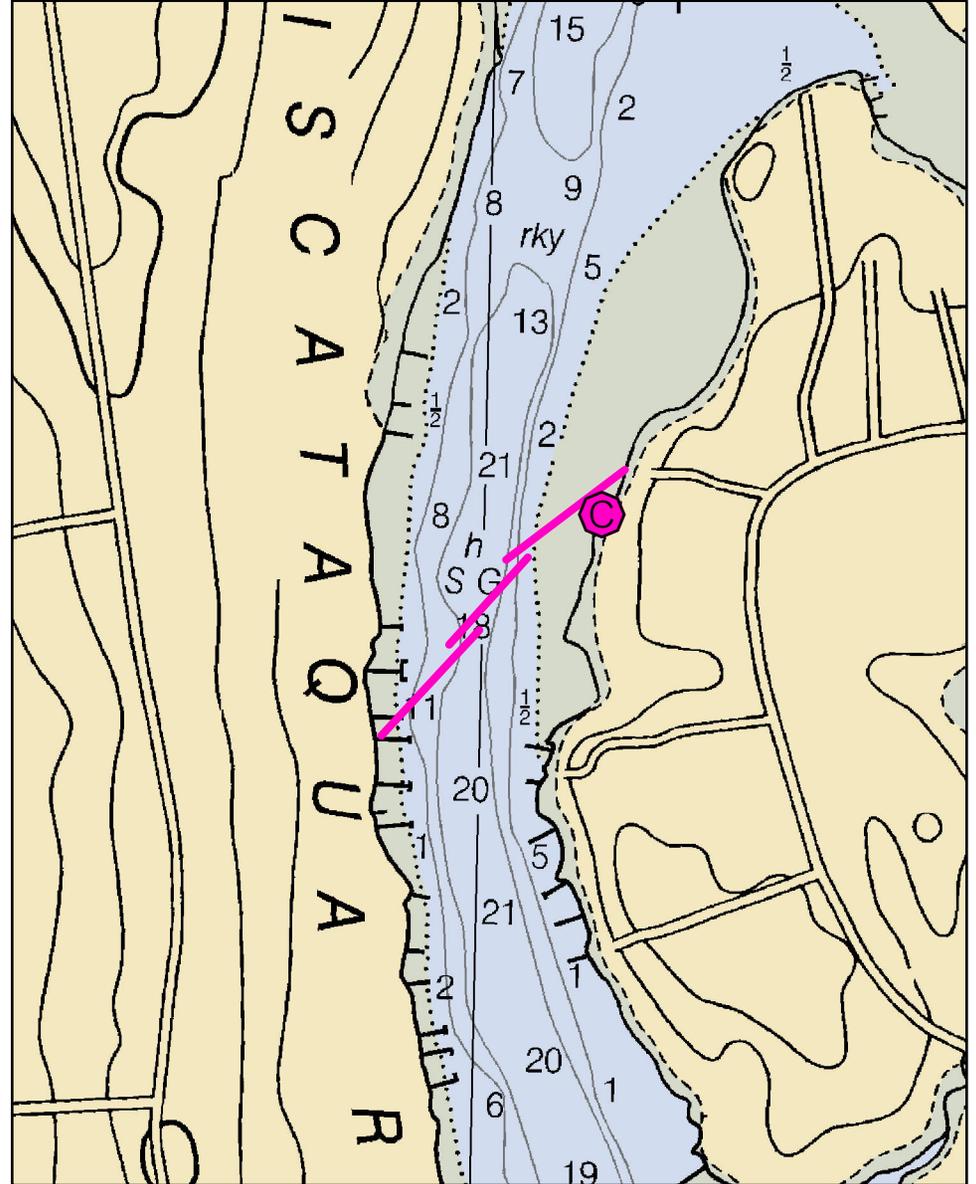


Date printed: 9/10/2022 7:49 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-21-1 Upper Piscataqua River

Town Dover, NH / Eliot, ME

Latitude 43° 08.864 N **Longitude** 70° 49.999 W

Approx. Tidal Range (feet) 7

Max Current (knots) **Flood** **Ebb** 0.5

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2

DeLorme Map # (2019) 1 B3

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Upper Piscataqua has shorebird habitat, shellfish areas (closed to harvest), diadromous fish runs, lobsters, bald eagles

Archaeological Conflicts ME: No conflict as designed; wreck upriver of boom. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Divert oil to shore for collection

Staging Areas Hilton Park Boat Ramp (mid and high tide only) and/or from private property on Maine side.

Site Access Hilton Park boat ramp: Route 16, Dover Point, NH.
Eliot boat ramp: Off Route 103 (Main St.) to Hammond Lane and Junkins Lane
Maine collection area: 26 Foxbrush Drive, Eliot. From Eliot center, Route 103 N to River Road. Left on River Road. Site is 0.65 miles from intersection, between Riverview Drive and Foxbrush Drive. Property has retaining wall on water.

Nearest Boat Ramp 1.25 miles, Hilton Park Dover Point

Collection Points From private property on Maine side (see Site Access), or from NH shore for ebb tide.

Special Instructions Middle of river is state boundary. Collect on NH side for ebb tide

Work Assignment Use three 600 foot lengths of containment boom to cascade across river for collection

Recommended Equipment / Resources

Length of Boom (feet) 1800 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - shoreside connections. (Can tie off to trees on Maine side).
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

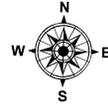
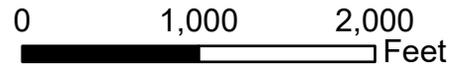
Last Desktop Validation: 10/18/2018

Last Field Visit: 8/14/2003

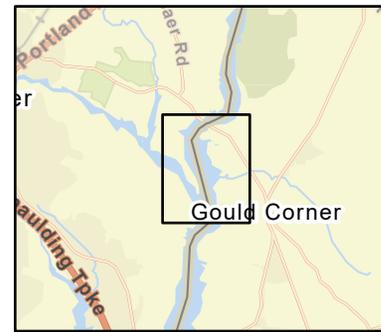
Last Field Test: 10/8/2013

A-22-1

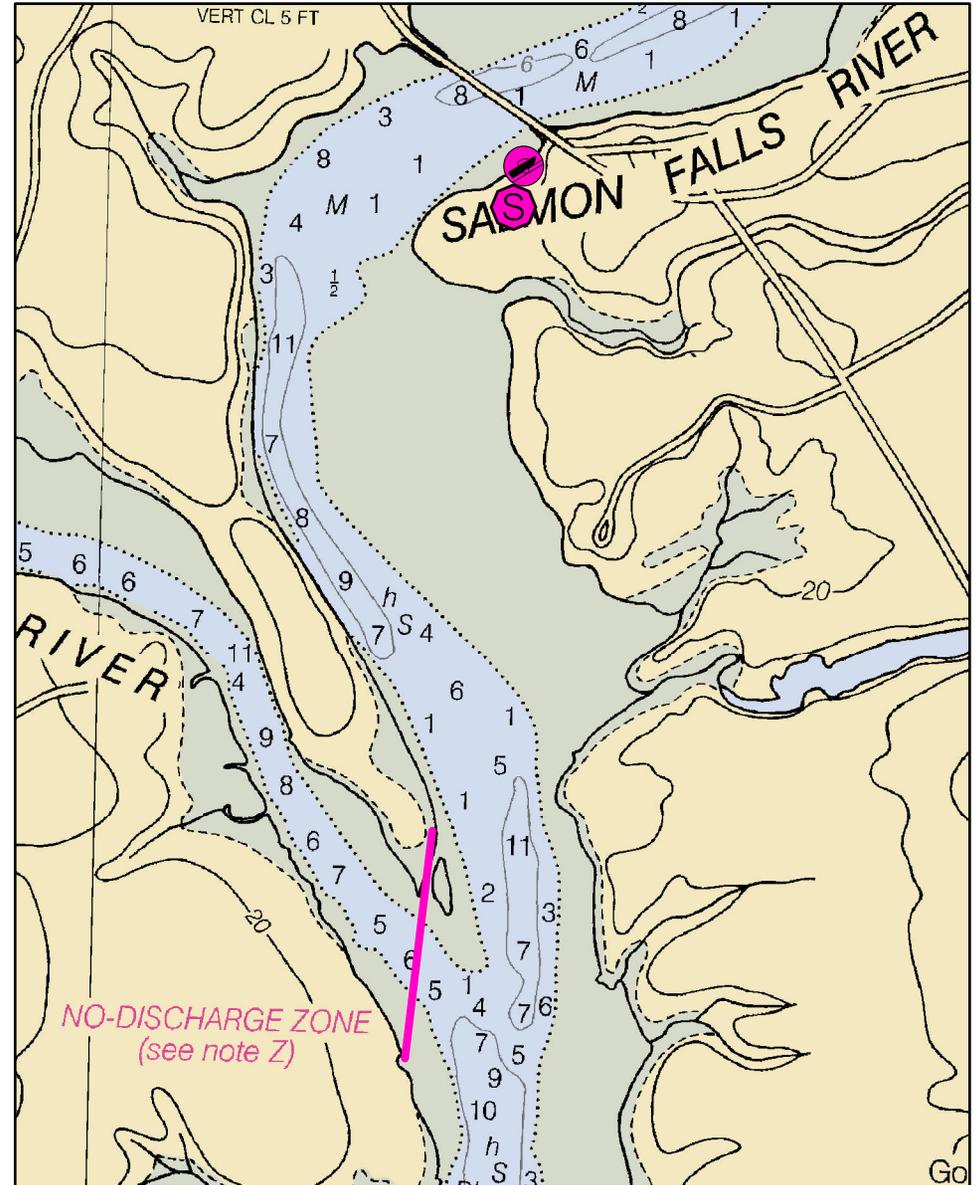
Cocheco River Dover, NH



Date printed: 9/10/2022 7:49 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-22-1 Cocheco River

Town Dover, NH

Latitude 43° 10.635 N **Longitude** 70° 49.631 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb** 0.75

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55A

EVI Map # 5, 2

DeLorme Map # (2019) 30 (NH); 1 A3 (ME)

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Tidal flats and fringing marshes upriver. Nesting between April and August: American black duck, Canada goose, Mallard. Other birds that frequent the area may include: Blue-winged teal, Great blue heron, Greater yellowlegs, Lesser yellowlegs, Marsh wren and Virginia rail.

Archaeological Conflicts ME side: No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To exclude oil from Cocheco River and deflect up to Salmon Falls bridge for collection.

Staging Areas William A. Bray Memorial Park boat launch at Salmon Falls River Bridge, Route 101, South Berwick, ME. Via Dover Road from NH

Site Access By boat or from William A. Bray Memorial Park boat launch at Salmon Falls River Bridge.

Nearest Boat Ramp William A. Bray Memorial Park boat launch, Salmon Falls Bridge, Route 101, South Berwick, ME. Via Dover Road from NH.

Collection Points N/A. Deflect oil for collection at Salmon Falls River bridge

Special Instructions

Work Assignment By boat connect one end of 1,300 feet of containment boom to north shore at 43° 10.743 N / 70° 49.571 W. Connect other end to south shore at 43° 10.534 N / 70° 49.602 near the end of Cullen Bay Road on Dover Point.

Recommended Equipment / Resources

Length of Boom (feet) 1300

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - shoreside connections.
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 9/13/2020

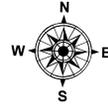
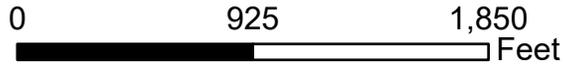
Last Field Visit: 8/14/2003

Last Field Test: 8/27/2004

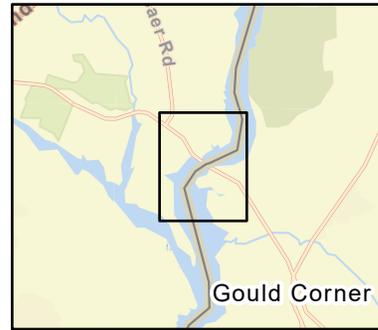
A-23-1

Salmon Falls River

Dover, NH / South Berwick, ME

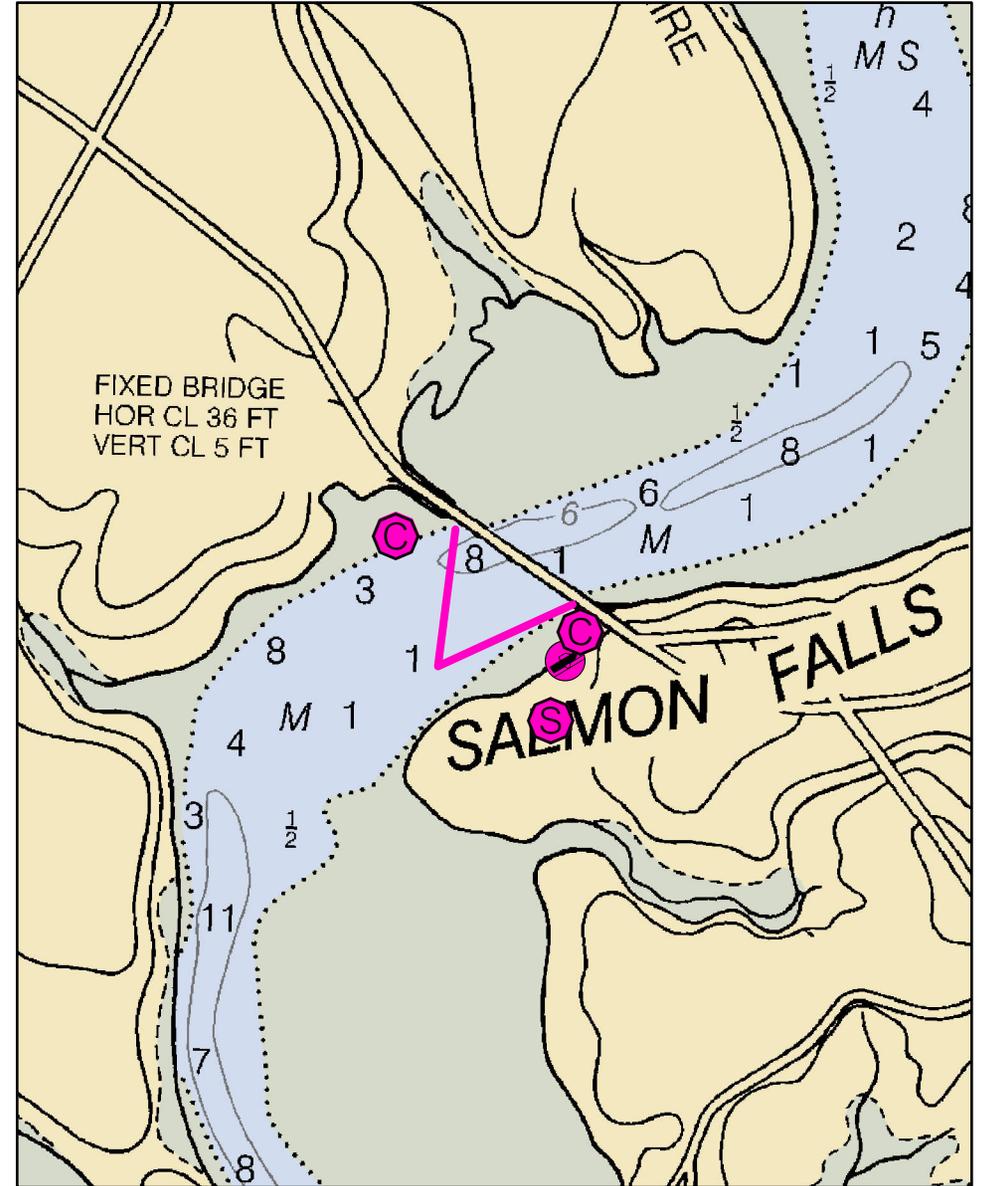
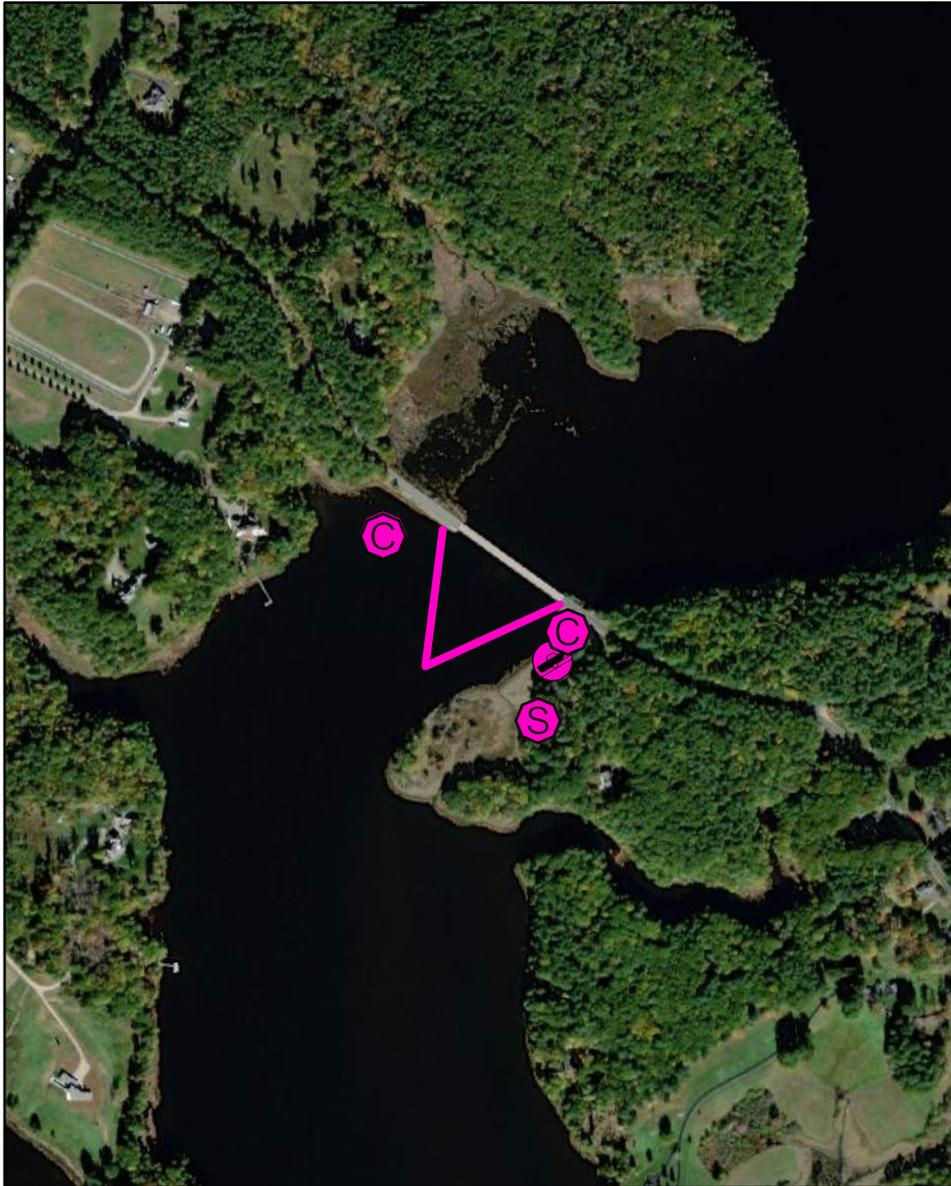


Date printed: 9/10/2022 7:49 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-23-1 Salmon Falls River

Town Dover, NH / South Berwick, ME

Latitude 43° 11.410' N **Longitude** 70° 49.552' W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb** < 0.5

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55A

EVI Map # 5

DeLorme Map # (2019) 30 (NH); 1 A3(ME)

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)

ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Saltmarsh, shorebirds and wading birds, shellfish beds, elver run, rare plants, surface water intake upstream (South Berwick & Somersworth)

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Divert oil to collection sites on each side of river

Staging Areas William A. Bray Memorial Park boat ramp at site, Route 101, South Berwick. Via Dover Road from NH

Site Access William A. Bray Memorial Park boat ramp at site, Route 101, South Berwick. Via Dover Road from NH

Nearest Boat Ramp William A. Bray Memorial Park boat ramp at site, Route 101, South Berwick

Collection Points Either side of boom at Salmon Falls River Bridge

Special Instructions Middle of river is state boundary.

Work Assignment Deploy two 600 foot lengths of containment boom in a chevron configuration from bridge abutments down river to a mid channel anchor and float. Collect and recover oil from each shore.

Recommended Equipment / Resources

Length of Boom (feet) 1200 **Type of Boom** Harbor Boom

Recommended Equipment (Minimum)

- 1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
- 2 - shoreside connections (bridge abutments)
- 1 - vacuum truck or skimmer and storage
- 1 - workboats (towboats) with minimum 90 hp
- 1 - boat operators
- 2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart.

Actual length required may vary with conditions.

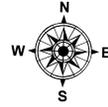
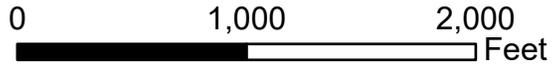
Last Desktop Validation: 9/13/2020

Last Field Visit: 8/14/2003

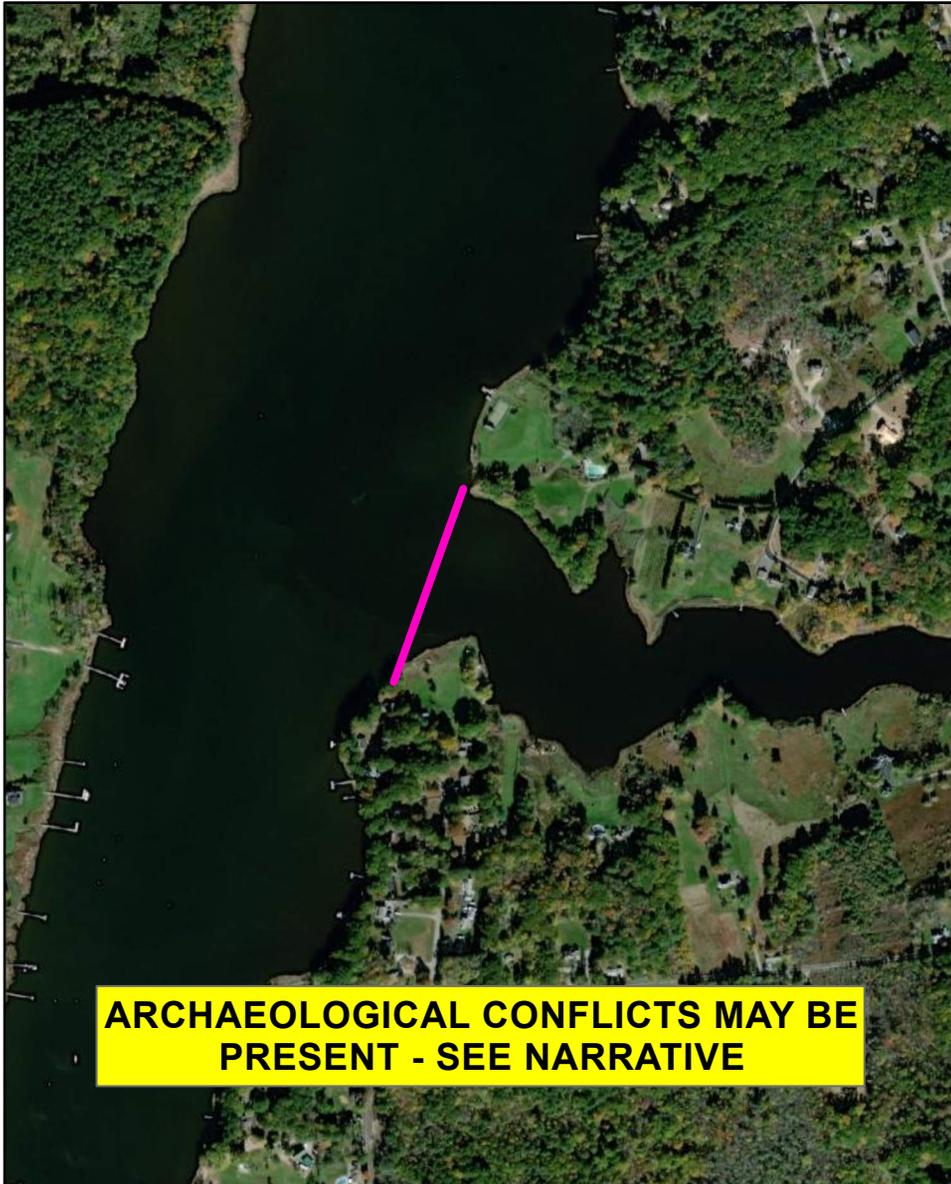
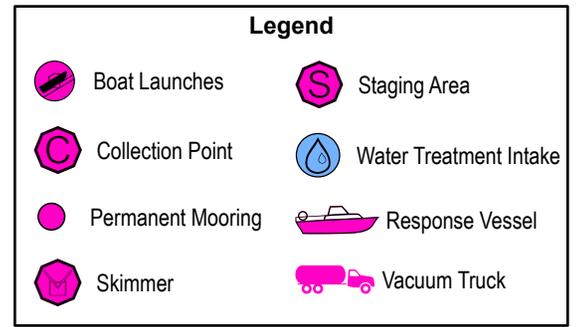
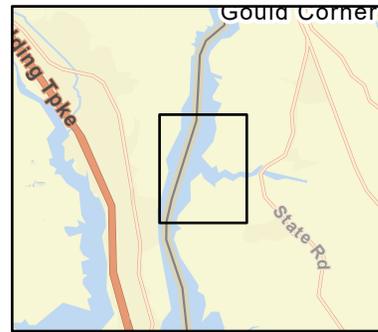
Last Field Test: 5/23/2002

A-24-1

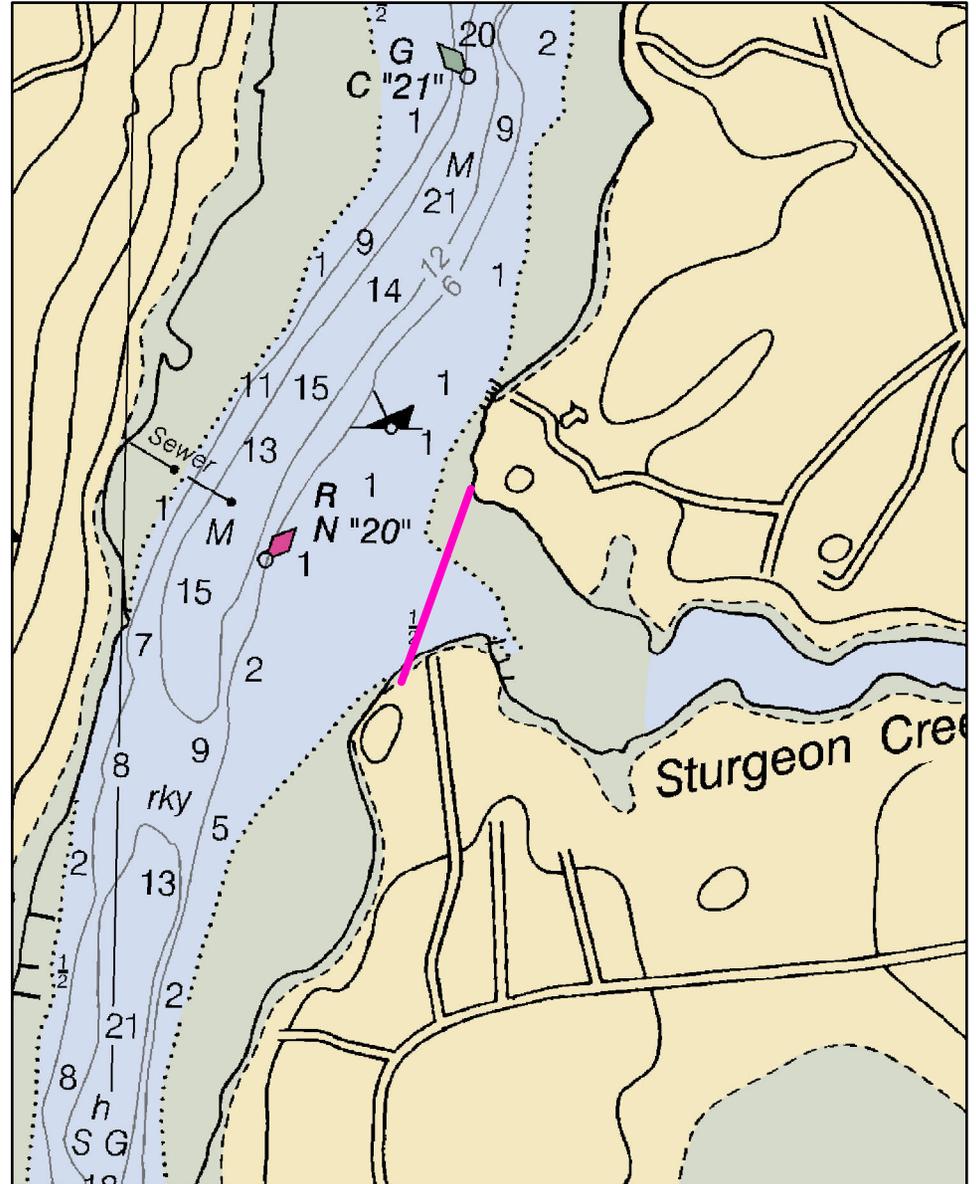
Sturgeon Creek Eliot, ME



Date printed: 9/10/2022 7:49 PM



ARCHAEOLOGICAL CONFLICTS MAY BE PRESENT - SEE NARRATIVE



A-24-1 Sturgeon Creek

Town Eliot, ME

Latitude 43° 09.298 N **Longitude** 70° 49.686 W

Approx. Tidal Range (feet) 7

Max Current (knots) **Flood** **Ebb** < 0.5

Source Estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2

DeLorme Map # (2019) 1 B3

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Salt marsh at head of creek, mudflats, elver run, shellfish (closed to harvest), rare plant (saltmarsh aster)

Archaeological Conflicts ME side: No conflict as designed; wreck located in Piscataqua River channel as depicted in NOAA nautical chart. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Exclude oil from Sturgeon Creek

Staging Areas Eliot boat launch

Site Access By boat from Eliot boat launch, Route 103 to Hammond Lane and Junkins Lane

Closest address: 61 Junkins Lane, Eliot

Nearest Boat Ramp Eliot boat launch

Collection Points N/A

Special Instructions

Work Assignment Deploy 900 feet of containment boom to exclude oil from Sturgeon Creek.

Recommended Equipment / Resources

Length of Boom (feet) 900 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections.
1 - workboat (towboat) with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

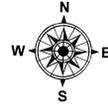
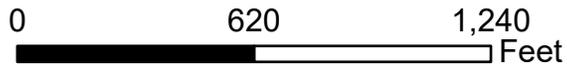
Last Desktop Validation: 10/18/2018

Last Field Visit: 8/14/2003

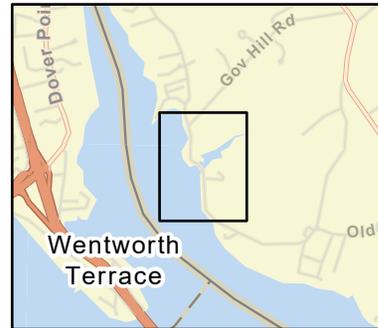
Last Field Test: 5/24/2001

A-25-1

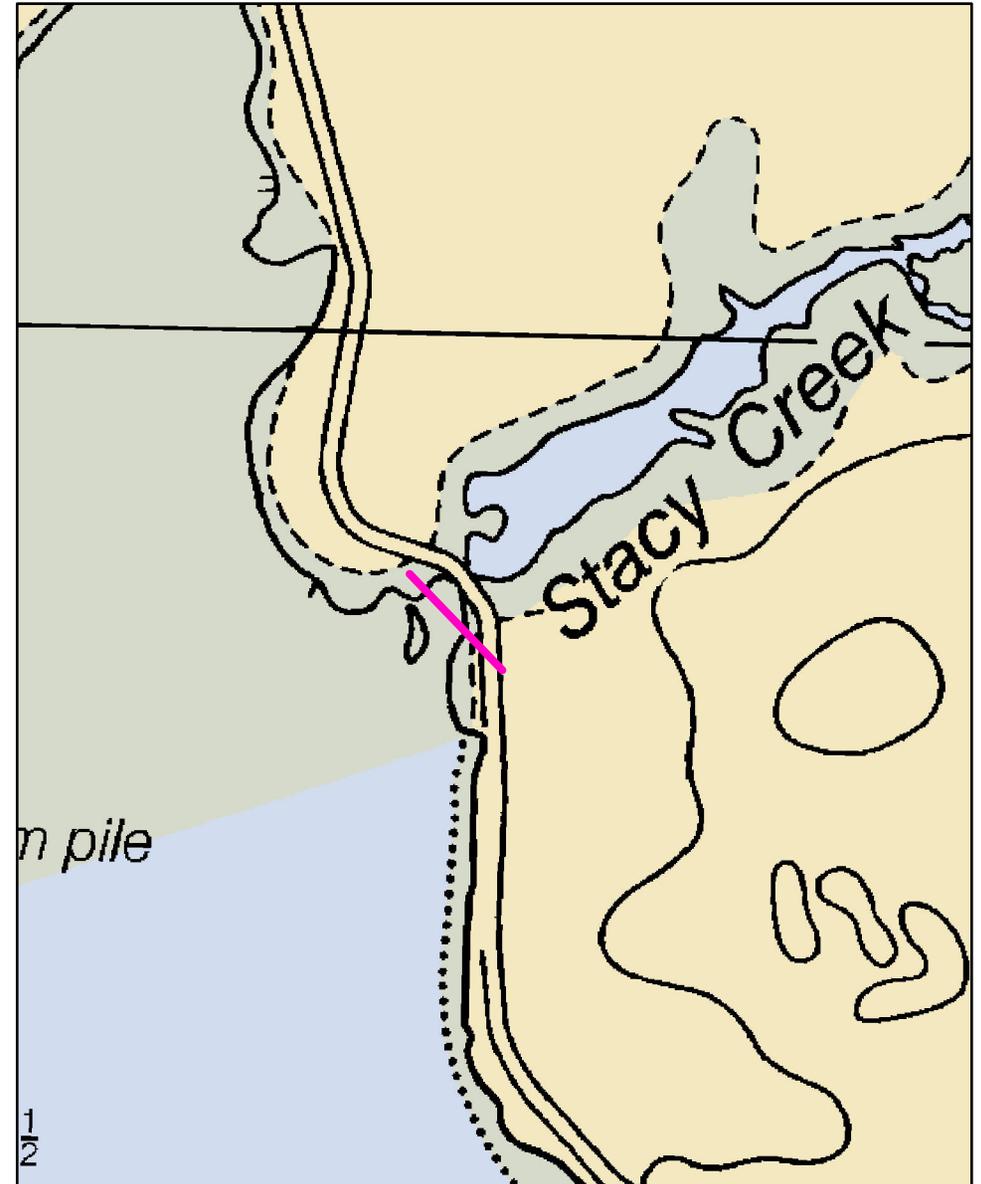
Stacy Creek
Eliot, ME



Date printed: 9/10/2022 7:49 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-25-1 Stacy Creek

Town Eliot, ME

Latitude 43° 07.876 N **Longitude** 70° 49.314 W

Approx. Tidal Range (feet) 7

Max Current (knots) **Flood** **Ebb**
Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 55B

EVI Map # 2

DeLorme Map # (2019) 1 B3

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Eelgrass, mudflats, salt marsh

Archaeological Conflicts ME: Old mill location underwater in mouth of Stacy Creek, likely beyond where boom in in map. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Exclude oil from Stacy Creek

Staging Areas River Road, Eliot

Site Access From Route 103 Eliot, take left onto Old Road to River Road

Closest address: 401 River Road, Eliot, ME

Nearest Boat Ramp N/A

Collection Points N/A

Special Instructions Traffic control needed during deployment. Consider deploying debris trap on upstream end side of River Road culvert to protect downstream boom.

Work Assignment Deploy 400 feet of containment boom across culvert. Deploy from shore - no boat access. Ample anchor points north and south of creek mouth.

Recommended Equipment / Resources

Length of Boom (feet) 400 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - vehicle with boom
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/18/2018

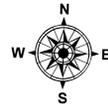
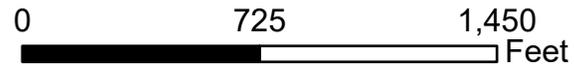
Last Field Visit 6/9/2022

Last Field Test:

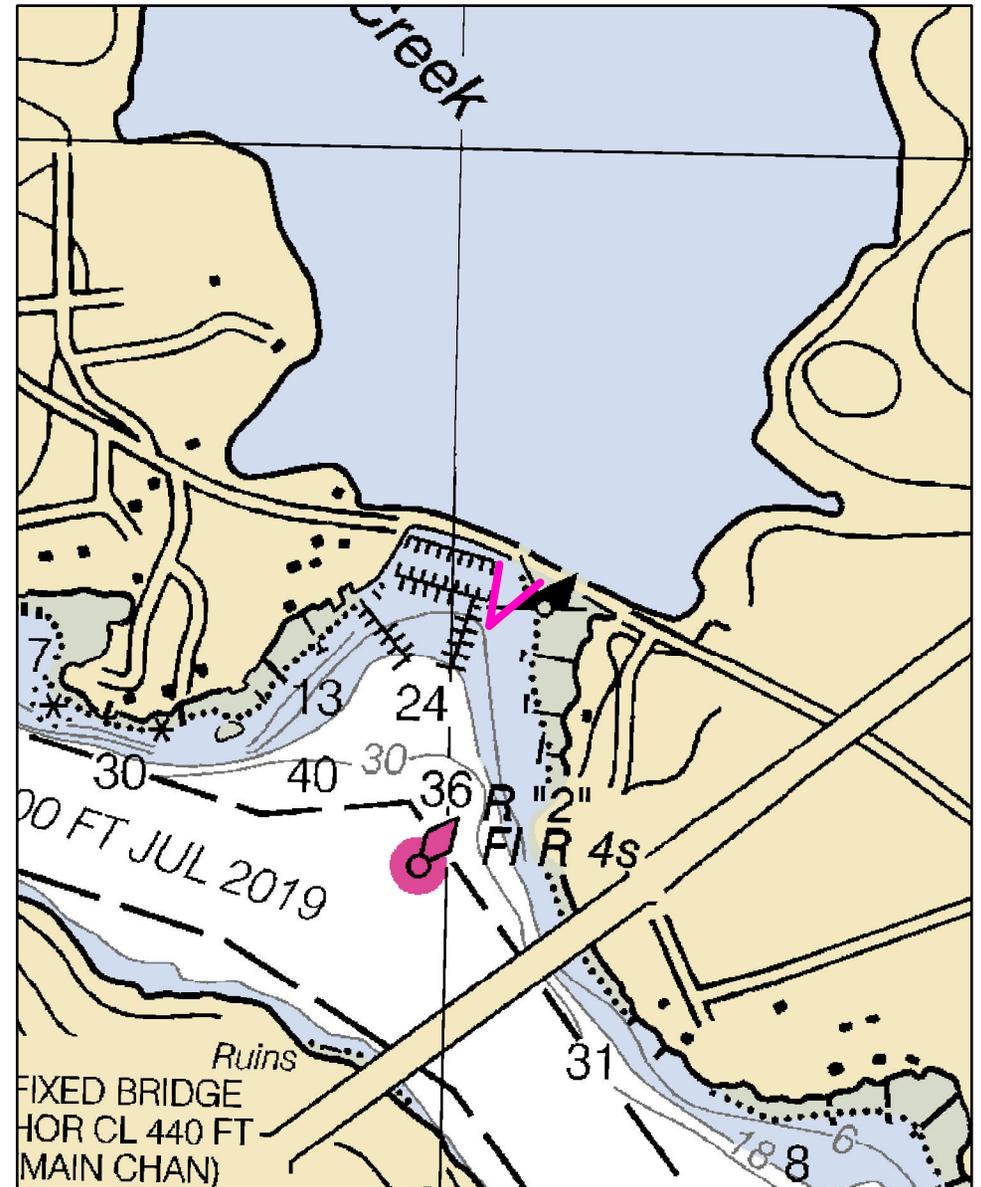
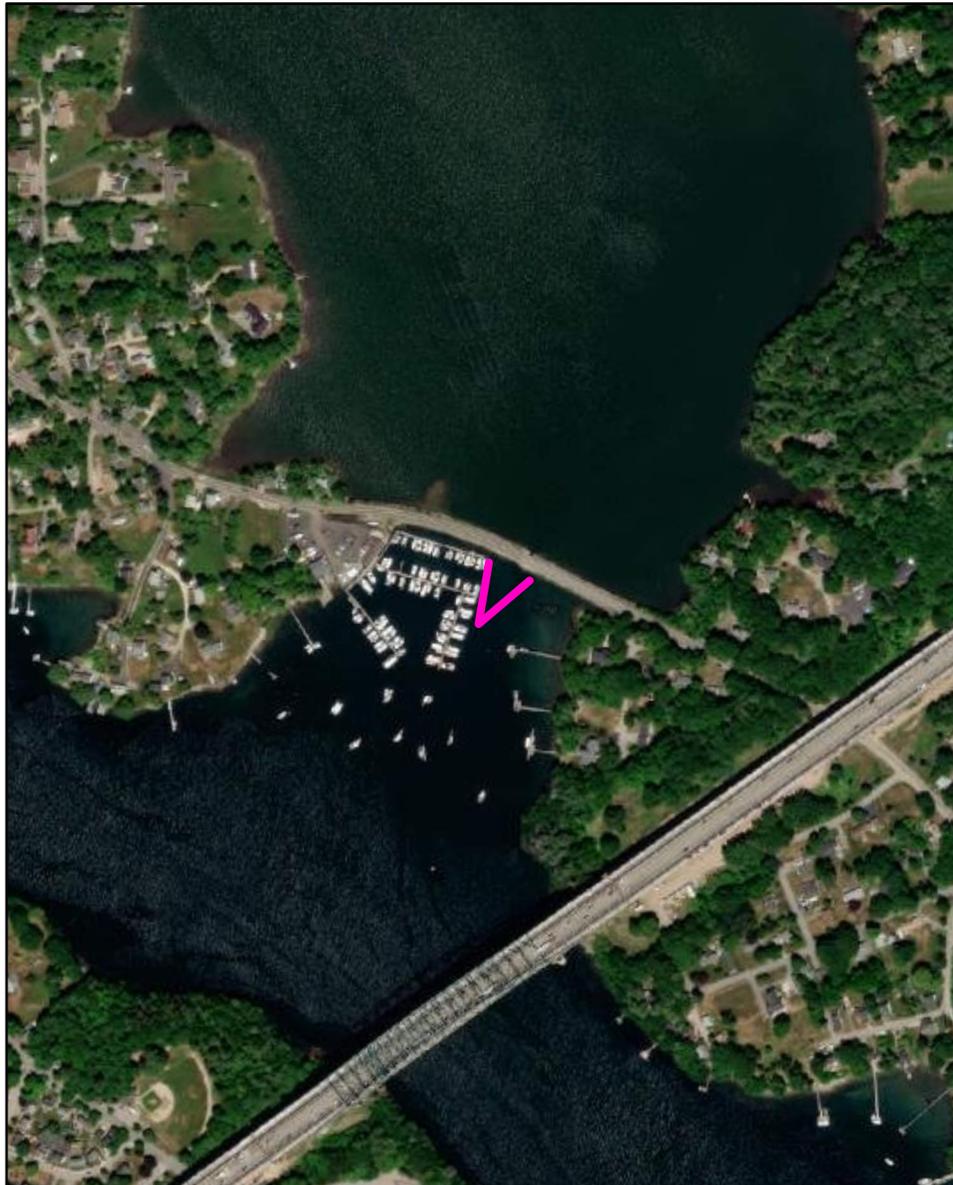
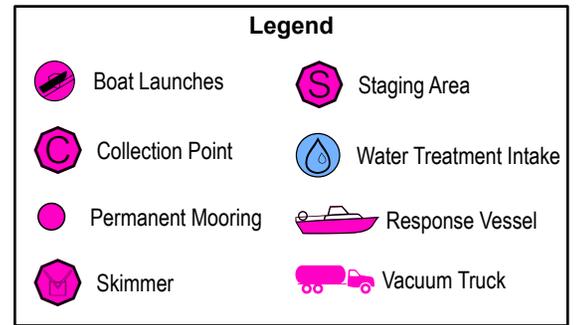
A-26-1

Spinney Creek

Eliot, ME



Date printed: 9/11/2022 7:02 AM



A-26-1 Spinney Creek

Town Eliot, ME

Latitude 43° 05.766 N **Longitude** 70° 45.983 W

Approx. Tidal Range (feet) 0 - 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13285_1

ESI Map # 54D

EVI Map # 2

DeLorme Map # (2019) 1 B3

Resources At Risk

ESI Primary Shoreline Type Sheltered, solid man-made structures (8B)

ESI Secondary Shoreline Type Sheltered riprap (8C)

Environmental Concerns Shellfish in Spinney Creek. Contact Tom or Lori Howell at Spinney Creek Shellfish: 207-439-2719, or after hours: 439-5210 (cell: 451-8025).

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To exclude oil from Spinney Creek

Staging Areas Route 103 for tide gate and Town of Eliot boat launch, 90 Hammond Lane, Eliot

Site Access Rt. 103 or by water from Eliot boat launch

Nearest Boat Ramp Eliot boat launch, 90 Hammond Lane, Eliot

Collection Points NA

Special Instructions

Work Assignment Primary: Contact South Berwick DOT Bridge Maintenance Supervisor at 207-624-3339 to close tidal gate at Route 103 in Eliot.

Secondary: Deploy 200 feet of containment boom in front of tidal gate in chevron configuration.

Tertiary: If resources allow, cascade 1500 feet of containment boom across mouth of Spinney Creek to avoid oiling Great Cove Boat Club, 1 Main Street, Eliot

Recommended Equipment / Resources

Length of Boom (feet) 200

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Primary:

Contact DOT in So. Berwick to close gate (207-624-3339)

Secondary / Tertiary:

1 - 5 anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag lines with buoys.
2 - 4 shoreside connections
1 - 2 workboats (towboats) with minimum 90 hp
1 - 2 boat operators
2 - 4 laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

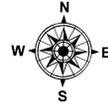
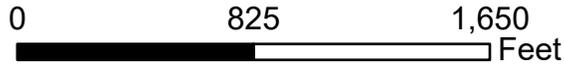
Last Desktop Validation: 9/13/2020

Last Field Visit: 6/19/2003

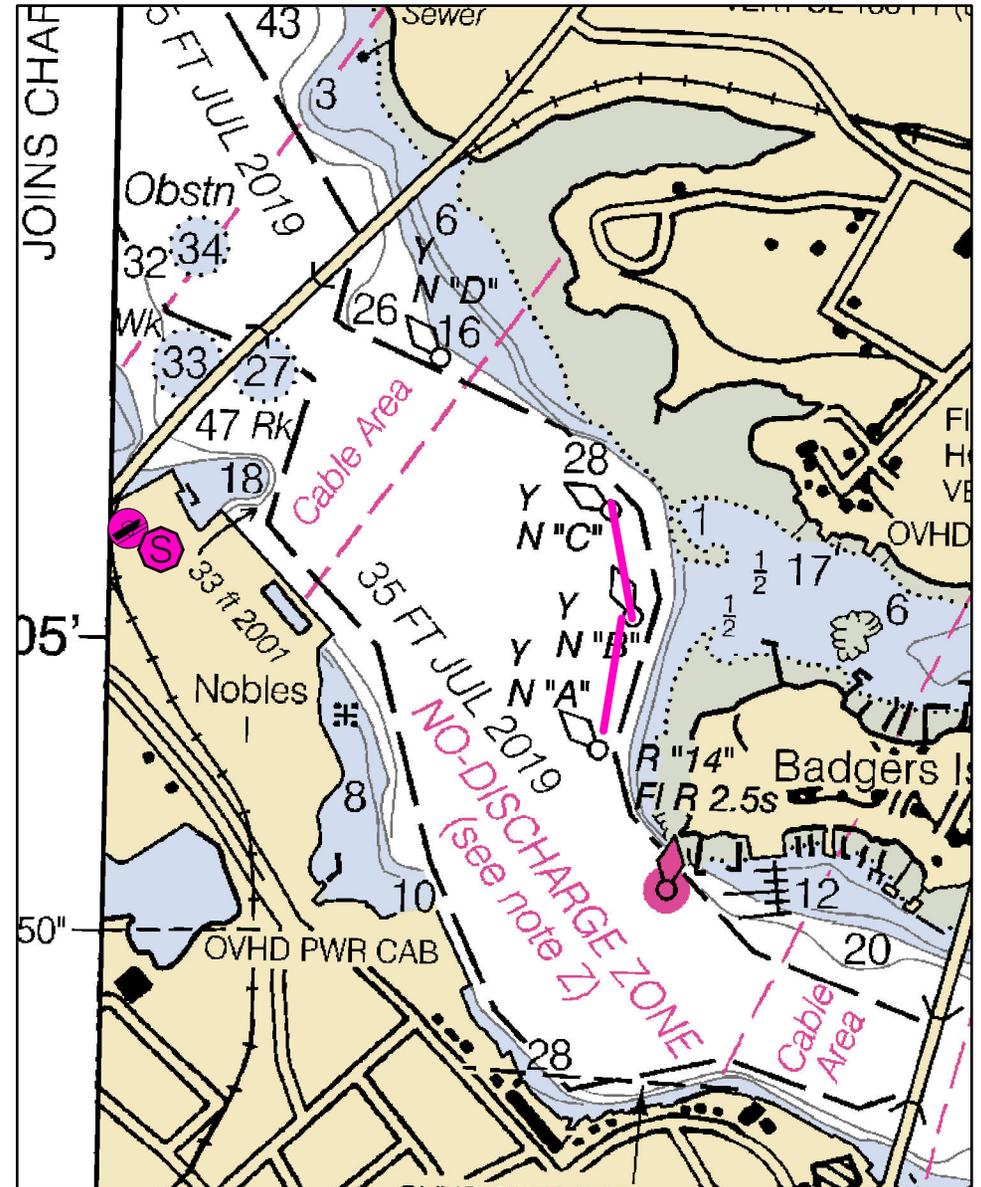
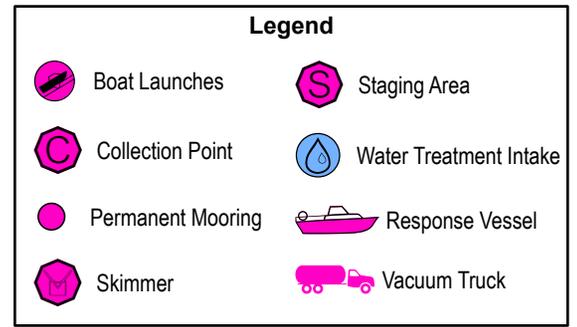
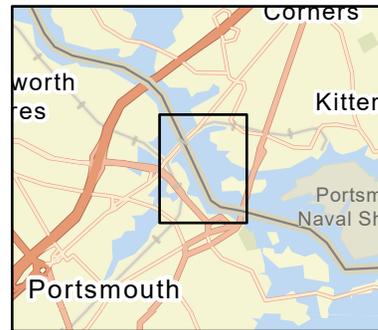
Last Field Test: 9/1/2004

A-27-1

Between Kittery and Badgers Island Kittery, ME



Date printed: 9/11/2022 6:59 PM



A-27-1 Between Kittery and Badgers Island

Town	Kittery, ME	Port Region	New Hampshire and Southern Maine
Latitude	43° 05.049 N	Longitude	70° 45.377 W
Approx. Tidal Range (feet)	9	NOAA Chart #	13283_1
Max Current (knots)	Flood	ESI Map #	54D
	Ebb 1.1	EVI Map #	2
Source	Local knowledge estimate	DeLorme Map # (2019)	1 B3

Resources At Risk

ESI Primary Shoreline Type	Sheltered tidal flats (9A)
ESI Secondary Shoreline Type	Sheltered, solid man-made structures (8B)

Environmental Concerns Primary concern is to avoid need to clean up sheltered areas behind Badger's Island

Archaeological Conflicts ME: No conflict as designed. Deviations from design will require historical review. Contact NHDHR at (603)-271-3484 or MHPC at (207) 287-2132.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To deflect oil from the channel between Badger's Island and Kittery mainland

Staging Areas Access at:
(1) Traip Academy boat launch, 12 Williams Ave., Kittery (limited parking)
(2) Kittery town boat launch, Pepperell Road, Kittery (not all tide)
(3) Pierce's Island boat launch, Portsmouth
(4) PNSY (with Navy permission / credentialing)

Site Access By water

Nearest Boat Ramp Same as staging areas

Collection Points N/A

Special Instructions Current measurements show that oil will tend to follow the main channel of the river on an ebb tide

Work Assignment Deploy 450' of boom adjacent to buoys "C" and "B", and 450' of boom adjacent to buoys "B" and "A" at the edge of the channel where water shallows

Recommended Equipment / Resources

Length of Boom (feet) 2000 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum) 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

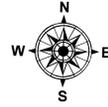
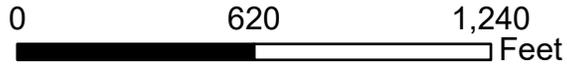
Last Desktop Validation: 2/15/2018

Last Field Visit 7/31/2003

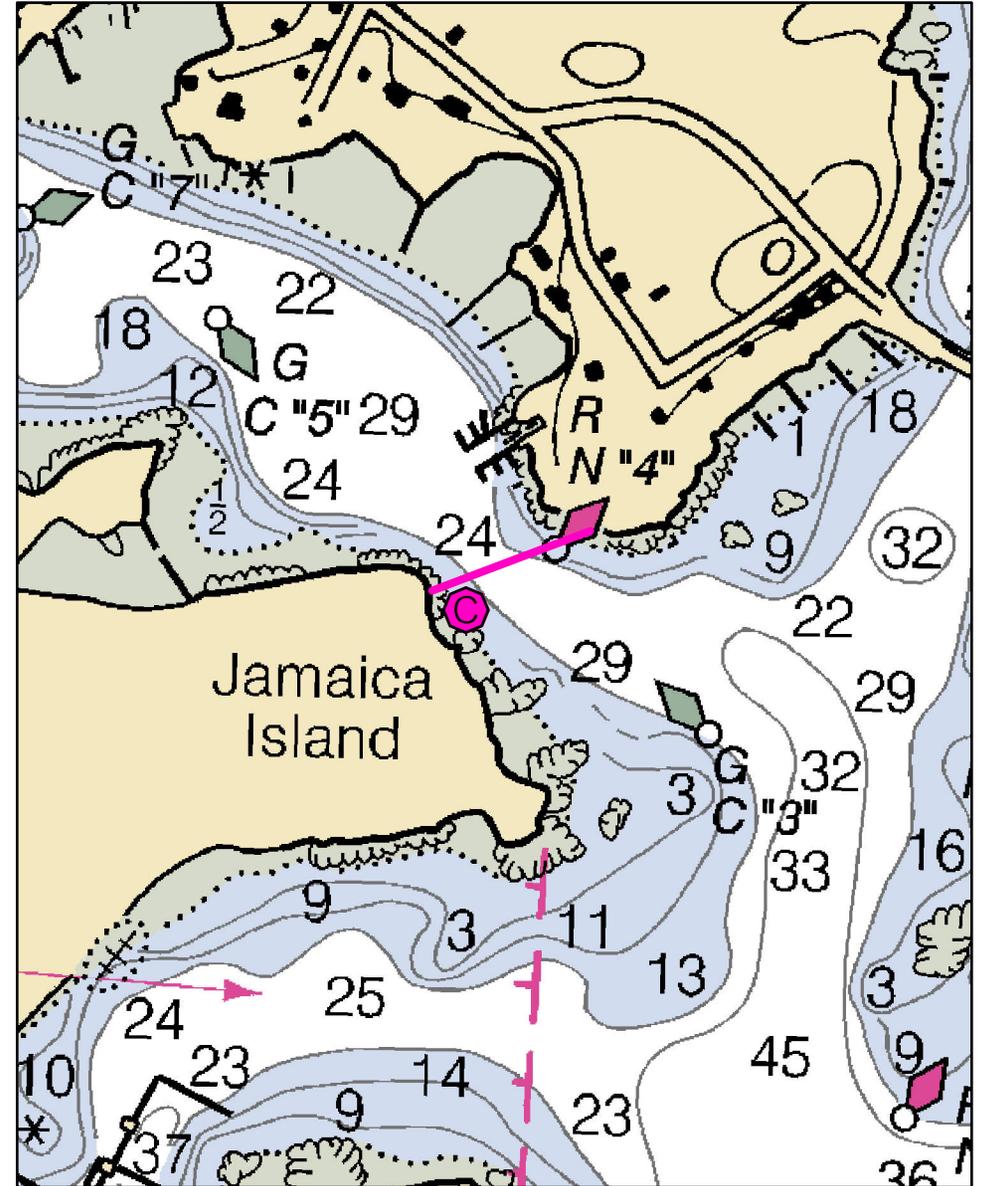
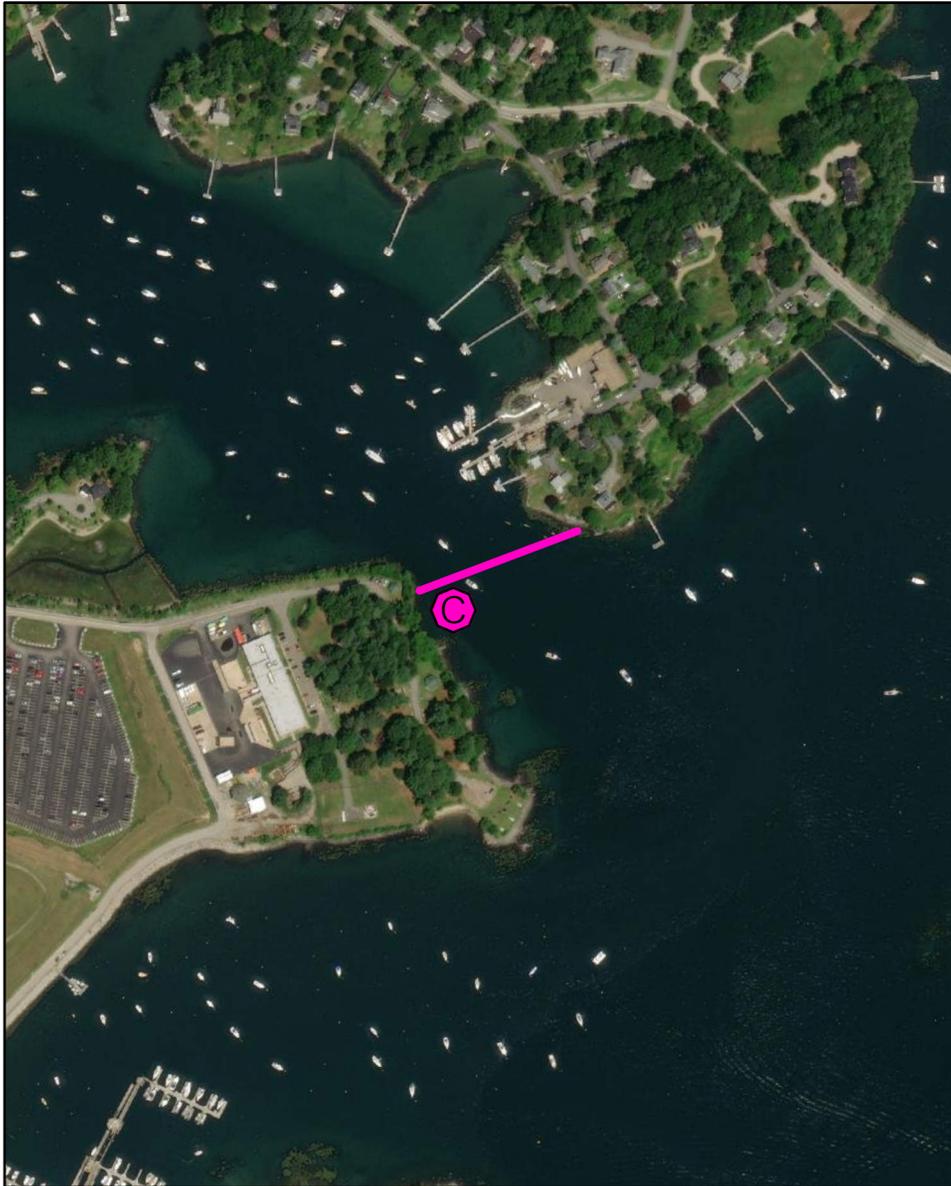
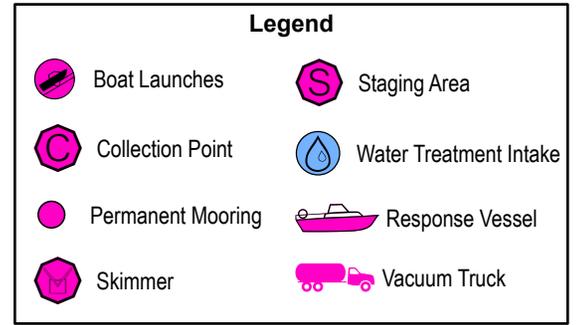
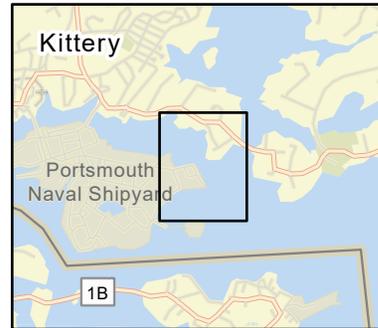
Last Field Test: 10/5/2008

A-28-1

Seavey Island Back Channel Kittery, ME



Date printed: 9/10/2022 7:49 PM



A-28-1 Seavey Island Back Channel

Town Kittery, ME

Latitude 43° 04.899 N **Longitude** 70° 43.395 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb**

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_2

ESI Map # 54D

EVI Map # 2

DeLorme Map # (2019) 1 C4

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

ESI Secondary Shoreline Type Mixed sand and gravel beaches (5)

Environmental Concerns Bald eagle nest, shorebirds, eelgrass, mudflats, restored wetland

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose To prevent oil from entering Back Channel behind Seavey Island

Staging Areas Access at:
(1) Traip Academy boat launch, 12 Williams Ave., Kittery (limited parking)
(2) Kittery town boat launch, Pepperell Road, Kittery (not all tide)
(3) Pierce Island boat launch, Portsmouth
(4) PNSY (with Navy permission / credentialing)

Site Access By water and from Navy Yard Shore

Nearest Boat Ramp Same as staging areas

Collection Points Possible collection from Navy Yard shore

Special Instructions

Work Assignment Deploy 450' of boom from Jamaica Island (Navy Yard) to Kittery mainland shore

Recommended Equipment / Resources

Length of Boom (feet) 450 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys OR
2 - shoreside connections.
1 - skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

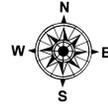
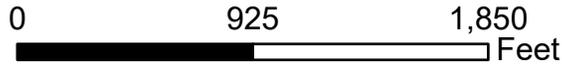
Last Desktop Validation: 2/15/2018

Last Field Visit 9/4/2003

Last Field Test: 10/5/2008

A-29-1

Spruce Creek Kittery, ME

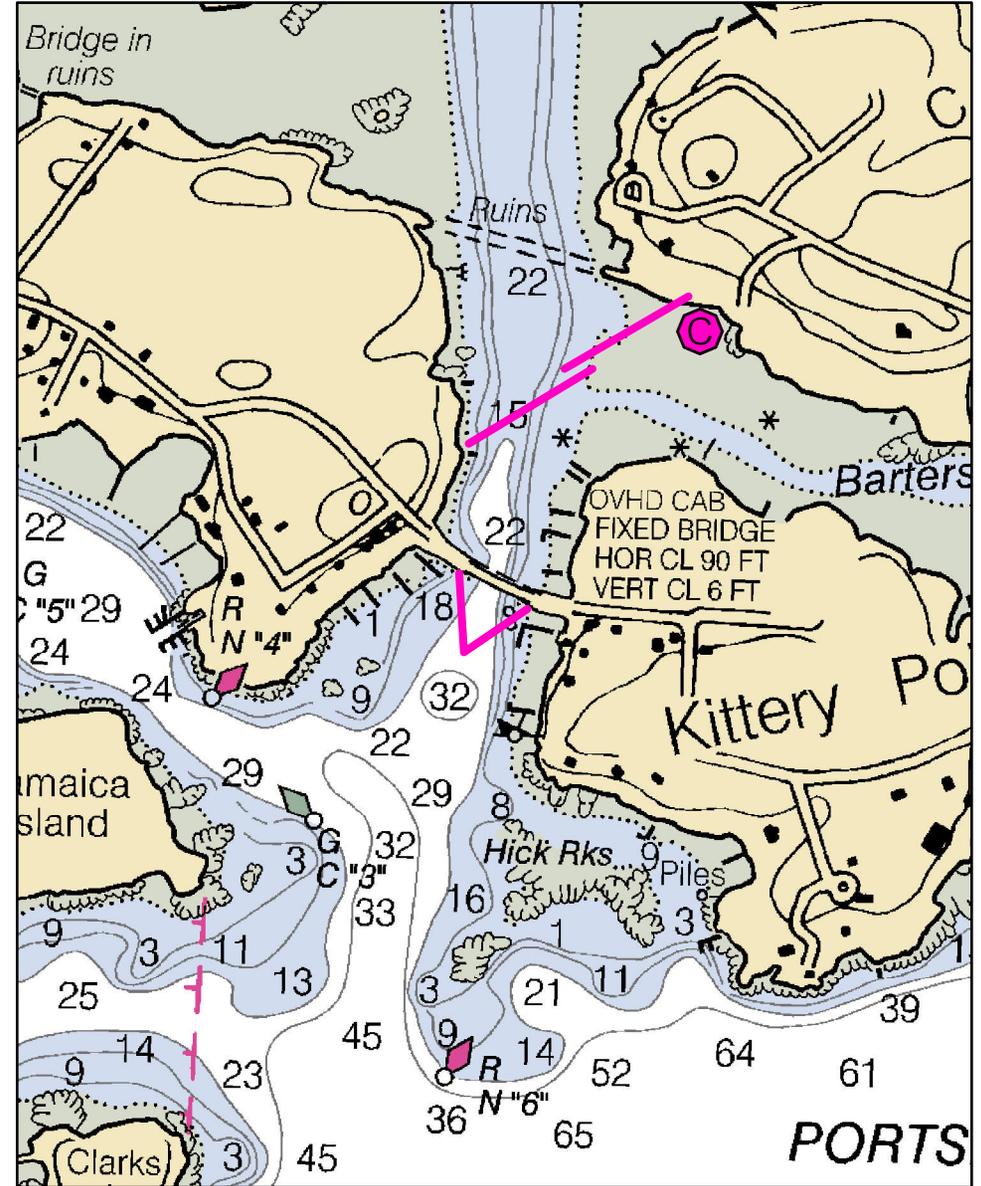


Date printed: 9/10/2022 7:50 PM



Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



A-29-1 Spruce Creek

Town Kittery, ME

Latitude 43° 05.120 N **Longitude** 70° 43.056 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 0.80 **Ebb** 1.6

Source Measured

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 54D

EVI Map # 2

DeLorme Map # (2019) 1 B4

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Riprap (6B)

Environmental Concerns Extensive mudflats with shellfish and marine worm habitat. Vulnerable shorebird area. Elver run. American eel, horseshoe crabs

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Divert oil from reaching upper Spruce Creek

Staging Areas Access at:
(1) Traip Academy boat launch, 12 Williams Ave., Kittery (limited parking)
(2) Kittery town boat launch, Pepperell Road, Kittery (not all tide)
(3) Pierce Island boat launch, Portsmouth
(4) PNSY (with Navy permission / credentialing)

Site Access By boat for primary inner strategy or by Whipple Road (Route 103) for outer chevron.

Nearest Boat Ramp Same as staging

Collection Points North side of Barter's Creek at end of cascade if possible

Special Instructions Max current given is for inside Route 103 bridge. Current outside bridge is significantly faster.

Work Assignment Primary strategy is inside the bridge. Place a cascade of two 600 foot long lengths of boom across Spruce Creek to the north side of Barters Creek.
For secondary strategy, consider use of Current Buster or chevron in mid channel using two 300 foot lengths of boom as shown on map. This has succeeded under ideal conditions, but has also been tested without success several times.

Recommended Equipment / Resources

Length of Boom (feet) 1200 (primary), 600 (secondary)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum) For primary strategy:
2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys.
2 - shoreside connections.
1 - skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

For secondary strategy:
2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoys. Use both anchors at apex of chevron.
2 - shoreside connections.
1 - 2 vacuum trucks or skimmers and storage
1 - workboats with minimum 90 hp
1 - boat operator, 2 laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/25/2018

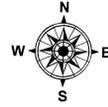
Last Field Visit: 9/4/2003

Last Field Test: 10/1/2014

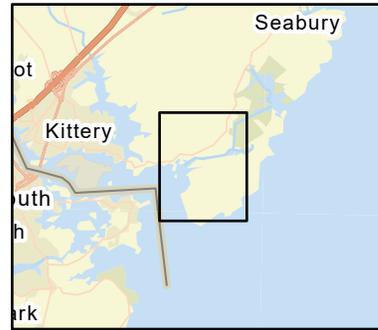
A-30-1

Chauncey Creek Entrance Kittery, ME

0 2,000 4,000 Feet

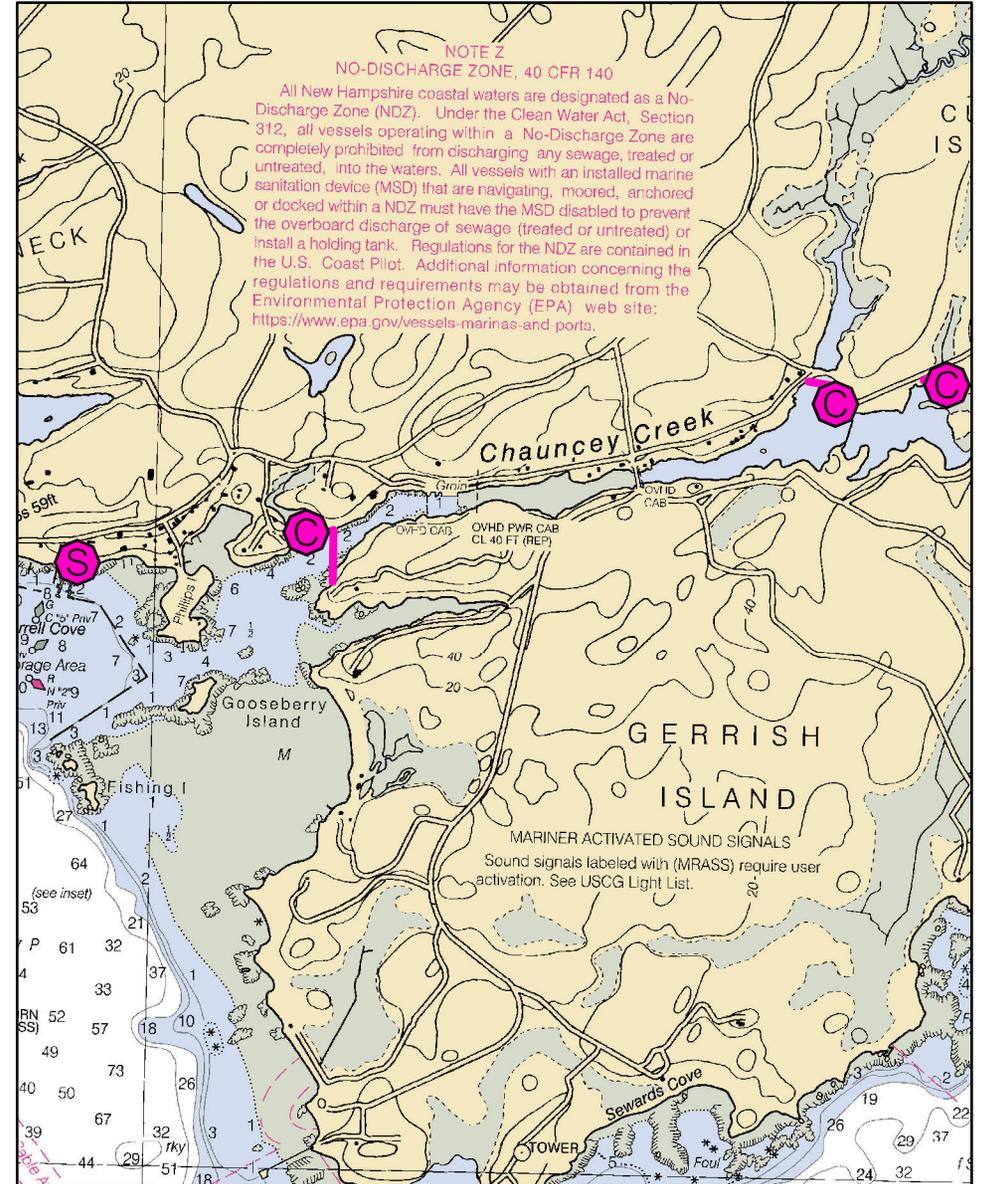
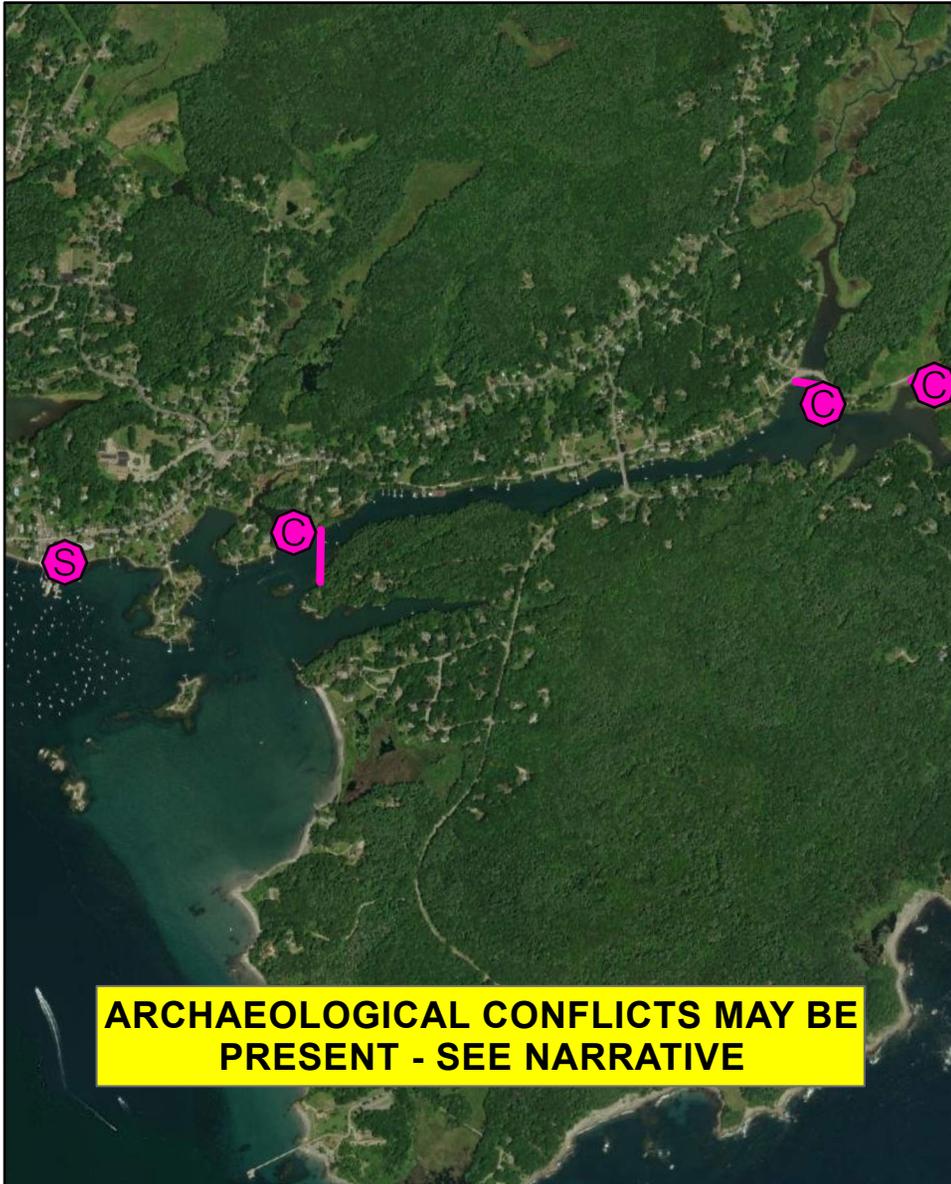


Date printed: 9/10/2022 7:50 PM



Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



A-30-1 Chauncey Creek Entrance

Town Kittery, ME

Latitude 43 04.946 N **Longitude** 70° 41.673 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 54C, 54D, 56A

EVI Map # 3

DeLorme Map # (2019) 1 C4

Resources At Risk

ESI Primary Shoreline Type Exposed tidal flats (7)

ESI Secondary Shoreline Type Exposed rocky shores (1A)

Environmental Concerns Mudflats and marshes, saltmarsh sparrow, rare turtles and amphibians, connection to Rachel Carson National Wildlife Refuge.

Archaeological Conflicts Avoid old breastworks in Chauncey Creek east of Chauncey Creek/Cutts Island Road collection point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To exclude oil from Chauncey Creek and Rachel Carson National Wildlife Refuge.

Staging Areas
(1) Traip Academy boat launch, 12 Williams Ave., Kittery (limited parking)
(2) Kittery town boat launch, Pepperell Road, Kittery (not all tide)
(3) Pierce's Island boat launch, Portsmouth
(4) PNSY (with Navy permission / credentialing)

Site Access By boat for mouth of Chauncey Creek. Via Chauncey Creek Road for upstream culverts.

Nearest address for upstream areas: 5 Seapoint Road, Kittery, ME

Nearest Boat Ramp Same as staging areas

Collection Points At creek mouth if possible. Upstream at road crossings.

Special Instructions Boat traffic and mooring in Kittery could make boom deployment challenging. There is a walk-in ramp along Chauncey Creek road east of the Chauncey Creek/Cutts Island Lane intersection which could be used for canoes or kayaks. Traffic control needed for upstream deployments and collection points.

Work Assignment Primary: Place 500 feet of boom across mouth of Chauncey Creek.

Secondaries: (1) Place 300 feet of harbor boom across creek downstream of culvert at Chauncey Creek Rd / Cutts Island Lane. (2) Place boom or plywood across second smaller culvert at Seapoint Road.

Recommended Equipment / Resources

Length of Boom (feet) 500 (primary), 300 (secondaries)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

For primary strategy:
2 - shoreside connections.
1 - skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Cutts Island Lane:
2 - shoreside connections.
1 - 2 vacuum trucks or skimmers and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Seapoint Road:
2 - shoreside connections
1 - vehicle with boom
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

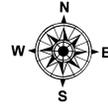
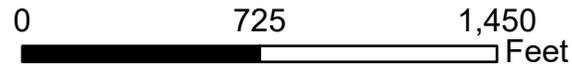
Last Desktop Validation: 10/25/2018

Last Field Visit: 6/9/2022

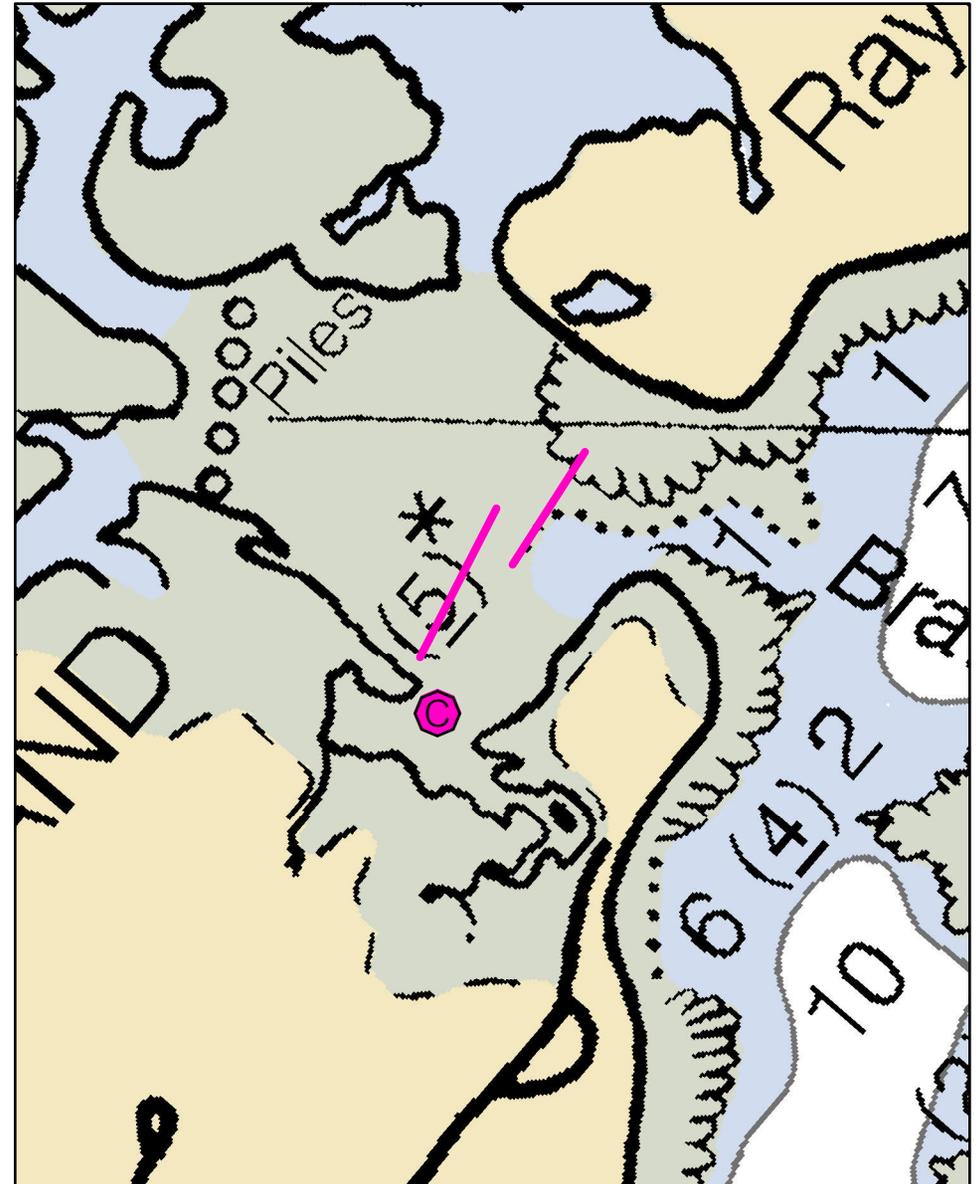
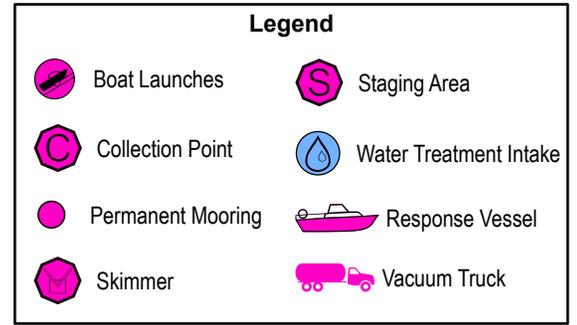
Last Field Test:

A-31-1

Brave Boat Harbor Kittery / York, ME



Date printed: 9/11/2022 7:01 AM



A-31-1 Brave Boat Harbor

Town Kittery / York, ME

Latitude 43° 05.911 N **Longitude** 70° 39.161 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 54C

EVI Map # 3

DeLorme Map # (2019) 1 B5

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)

ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Site is located in and immediately adjacent to Rachel Carson National Wildlife Refuge. Contact the U.S. Fish & Wildlife Service in Wells (207) 646-9226 if deploying. Harbor has extensive marshes and mudflats and is a moderately vulnerable shorebird area. Elver run.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Divert oil to shore for collection near Old Cart Path Road.

Staging Areas
(1) York Harbor
(2) Traip Academy boat launch, 12 Williams Ave., Kittery (limited parking)
(3) Kittery town boat launch, Pepperell Road, Kittery (not all tide)
(4) Pierce's Island boat launch, Portsmouth
(5) PNSY (with Navy permission / credentialing)

Site Access By Boat or on foot from Old Cart Path Road, Kittery

Nearest Boat Ramp Same as staging areas

Collection Points From Old Cart Path Road, Kittery

Special Instructions Difficult access

Work Assignment Place one 400' section of boom and one 500' section of boom in a cascade configuration from Raynes Neck to Cutts Island as shown

Recommended Equipment / Resources

Length of Boom (feet) 900 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
1 - anchor system with 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line
2 - shoreside connections
1 - workboats (towboats) with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/25/2018

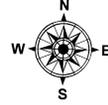
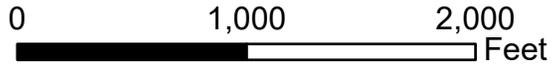
Last Field Visit 10/1/2004

Last Field Test:

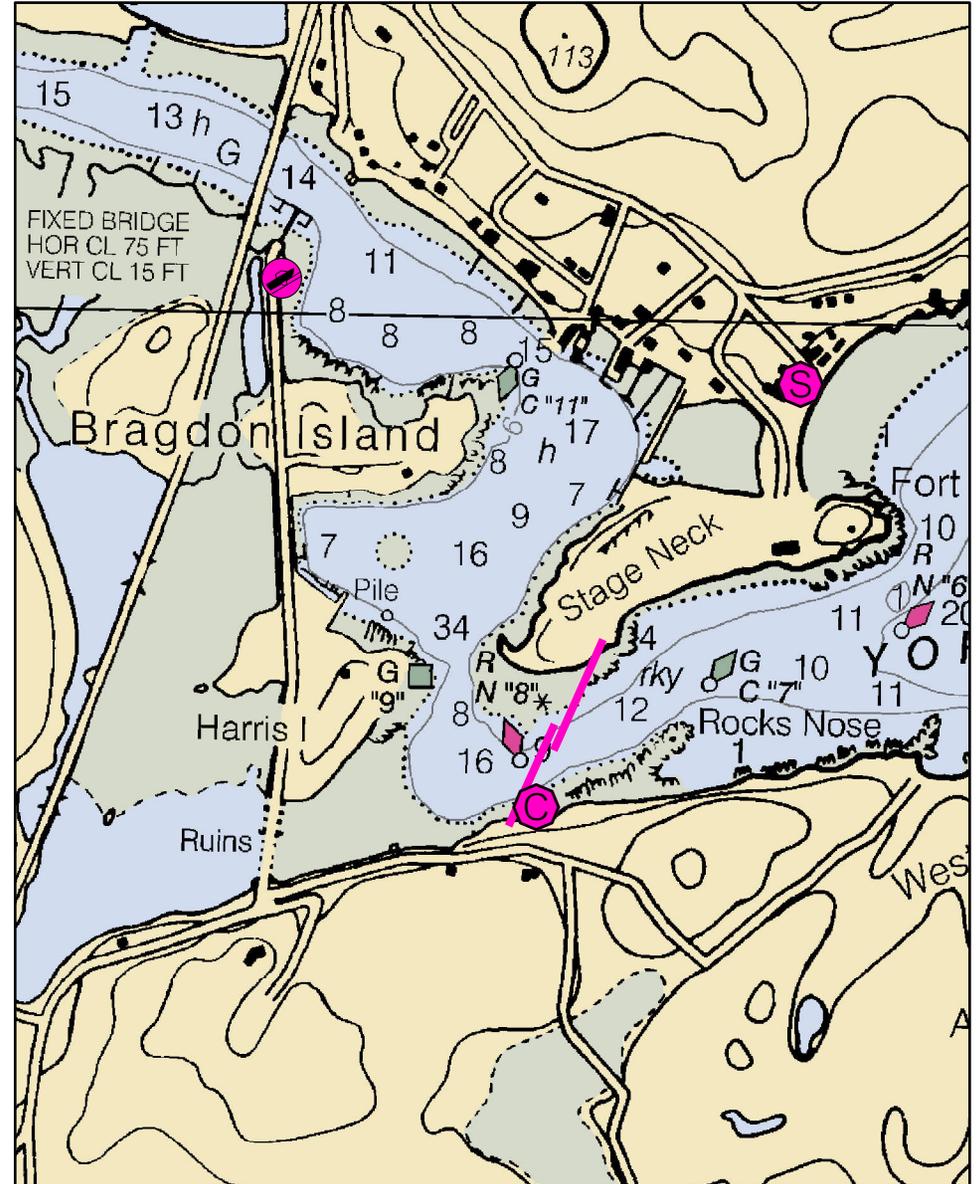
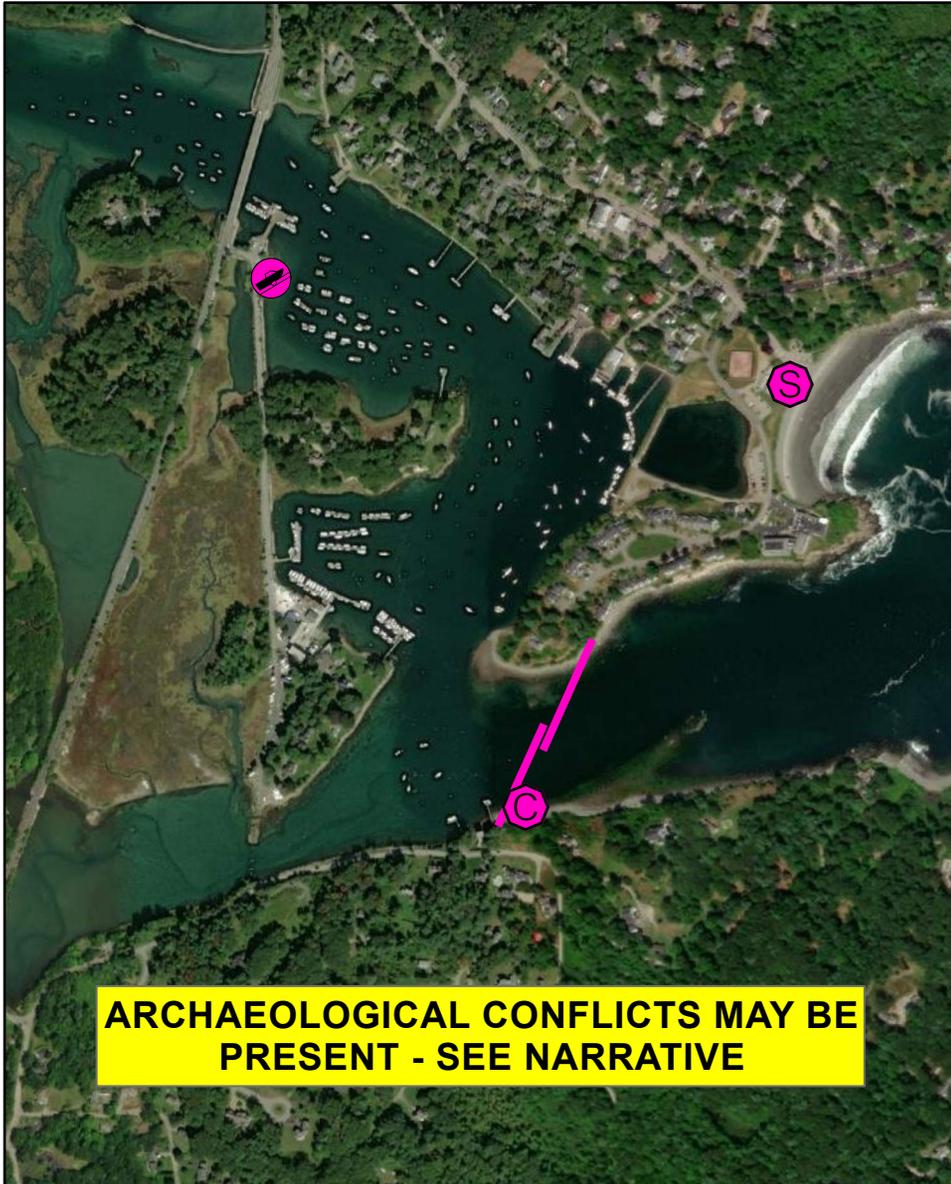
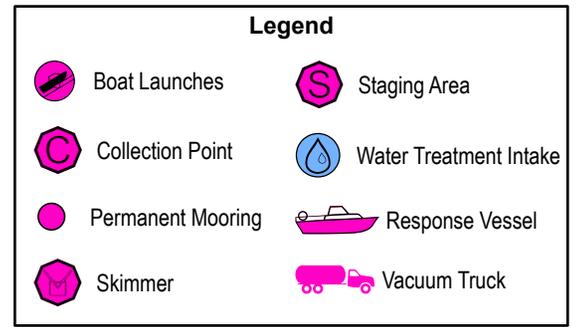
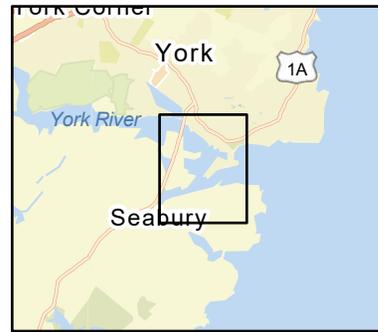
A-32-1

York Harbor / River

York, ME



Date printed: 9/10/2022 7:50 PM



A-32-1 York Harbor/River

Town York, ME

Latitude 43° 07.705 N **Longitude** 70° 38.595 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_1

ESI Map # 54C

EVI Map # 3

DeLorme Map # (2019) 1 B5

Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)

ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Harbor is shorebird and shellfish habitat area. Harlequin duck wintering area (Maine threatened species, federal species of special concern) at harbor mouth. Diadromous fish runs

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from inner harbor

Staging Areas York Harbor Beach parking lot
York River Marine Service 207-363-3602

Site Access York Harbor Beach parking lot (Harbor Beach Road) and Western Point Road (Nearest address: 108 Western Point Road)

Nearest Boat Ramp York Harbor Marine or Agamenticus Yacht Club

Collection Points Western Point Road, York

Special Instructions Current in area of boom should be measured. Consider secondary strategies between Harris Island and Stage Neck, and / or between Harris Island and Western Point Road

Work Assignment Cascade two 500 foot lengths of boom across the York River from Stage Neck to Western Point Road.

Recommended Equipment / Resources

Length of Boom (feet) 1000

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

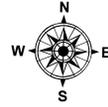
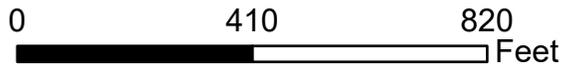
Last Desktop Validation: 10/25/2018

Last Field Visit: 9/22/2005

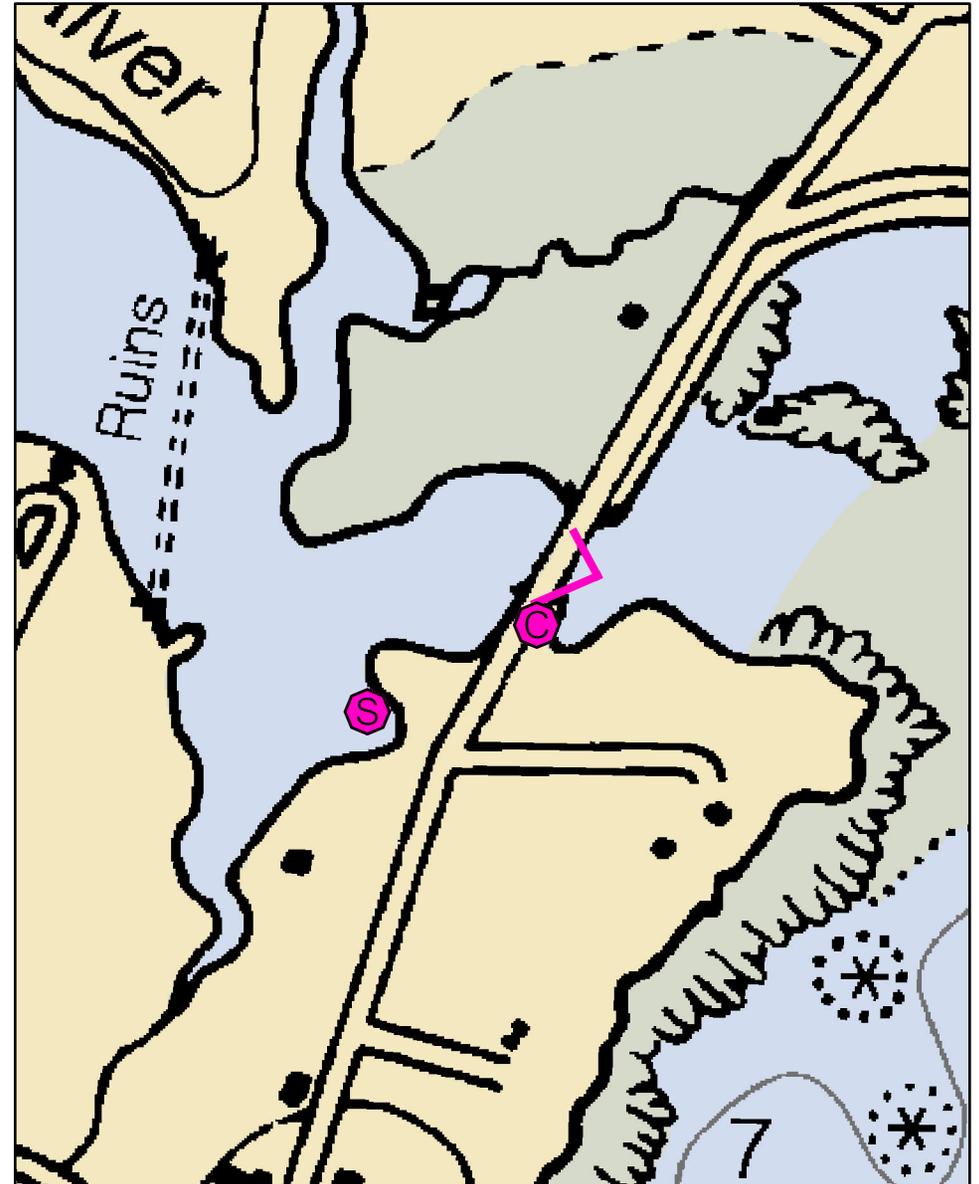
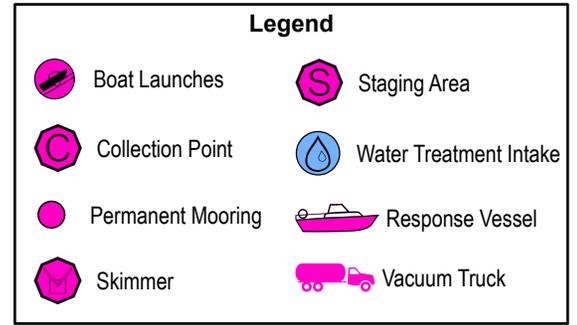
Last Field Test:

A-33-1

Cape Neddick Harbor York, ME



Date printed: 9/11/2022 7:01 PM



A-33-1 Cape Neddick Harbor/River

Town York, ME

Latitude 43° 11.327 N **Longitude** 70° 36.249 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13283_3

ESI Map # 54A

EVI Map # 6

DeLorme Map # (2019) 1 A5

Resources At Risk

ESI Primary Shoreline Type Exposed tidal flats (7)

ESI Secondary Shoreline Type Coarse grained sand beach (4)

Environmental Concerns Shorebird and shellfish area (closed to harvest). Elver and diadromous fish runs in river.

Archaeological Conflicts Staging and launch are part of area of concern; minimize surface disturbance outside of developed areas as much as possible. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from Cape Neddick River

Staging Areas Restaurant / lobster pound on west side of bridge or directly off Shore Road - lots of space for vehicles if restaurant isn't open; potentially along access road to Cape Neddick Oceanside Campground

Site Access Shore Road, York

Nearest address: 60 Shore Road, York

Nearest Boat Ramp Small ramp at restaurant on west side of bridge is high tide ramp; shallow water would preclude large boat deployment at low tide; natural shore in cove on east side of bridge could to be used for carry in boats.

Collection Points Beach adjacent to bridge on north side; cove in Cape Neddick Oceanside Campground on south

Special Instructions Lobster pound in river

Work Assignment Deploy 250 foot of boom in a chevron configuration across river at Shore Road

Recommended Equipment / Resources

Length of Boom (feet) 250

Type of Boom 12' - 18" containment boom

Recommended Equipment (Minimum)

- 1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 1 - workboats with minimum 90 hp
- 1 - boat operators
- 2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

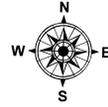
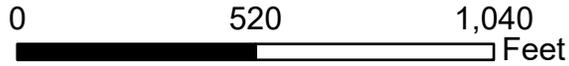
Last Desktop Validation: 10/25/2018

Last Field Visit: 6/9/2022

Last Field Test:

A-34-1

Ogunquit River Ogunquit, ME



Date printed: 9/10/2022 7:50 PM

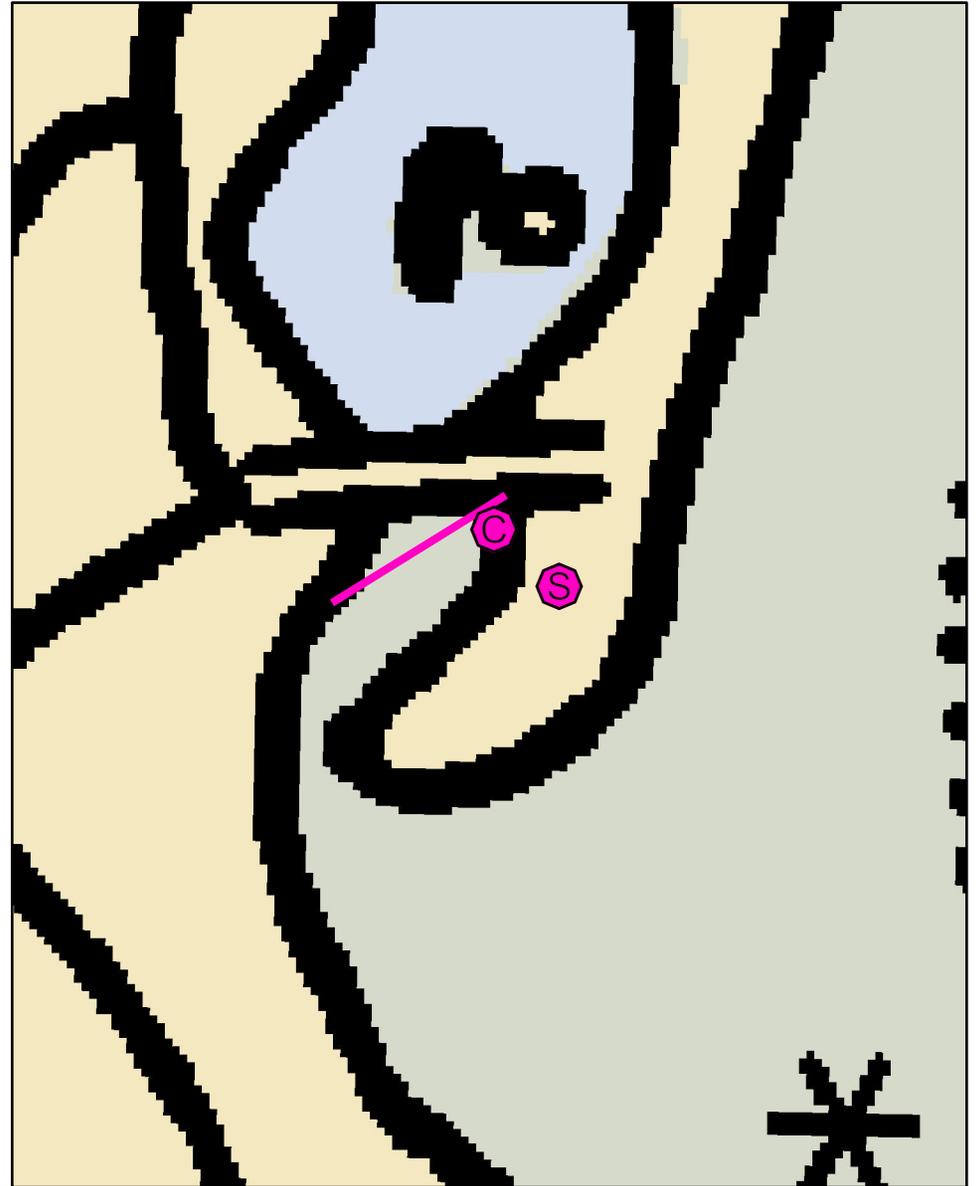


Legend

Boat Launches	Staging Area
Collection Point	Water Treatment Intake
Permanent Mooring	Response Vessel
Skimmer	Vacuum Truck



ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



A-34-1 Ogunquit River

Town Ogunquit, ME

Latitude 43° 14.975 N **Longitude** 70° 35.709 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 2.1 **Ebb** 1.9

Source Fitzgerald, et al 1989

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 54A

EVI Map # 6

DeLorme Map # (2019) 2 E5

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type

Environmental Concerns Maine Endangered and federal Threatened Species: Piping Plover. Contact Maine Department of Inland Fisheries & Wildlife at 877-645-2473 prior to deployment during spring and summer seasons. Harlequin duck (Maine Threatened Species) wintering area south and west of river mouth. Shorebird habitat. Diadromous fish run in river.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from Ogunquit River

Staging Areas Beach parking lot on east side of bridge (roughly 300 car lot)

Site Access 124 Beach Street, Ogunquit

Nearest Boat Ramp Wells Harbor or York Harbor

Collection Points Northwest corner of parking lot

Special Instructions If nesting season for piping plover (spring/summer), contact Maine Department of Inland Fisheries & Wildlife at 877-645-2473 before proceeding with booming. Birds nest on sand spits.

Work Assignment Place 450 feet of boom across Ogunquit River as shown

Recommended Equipment / Resources

Length of Boom (feet) 450 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/25/2018

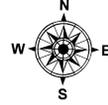
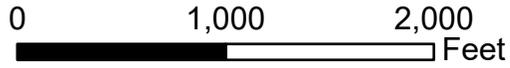
Last Field Visit: 9/22/2006

Last Field Test:

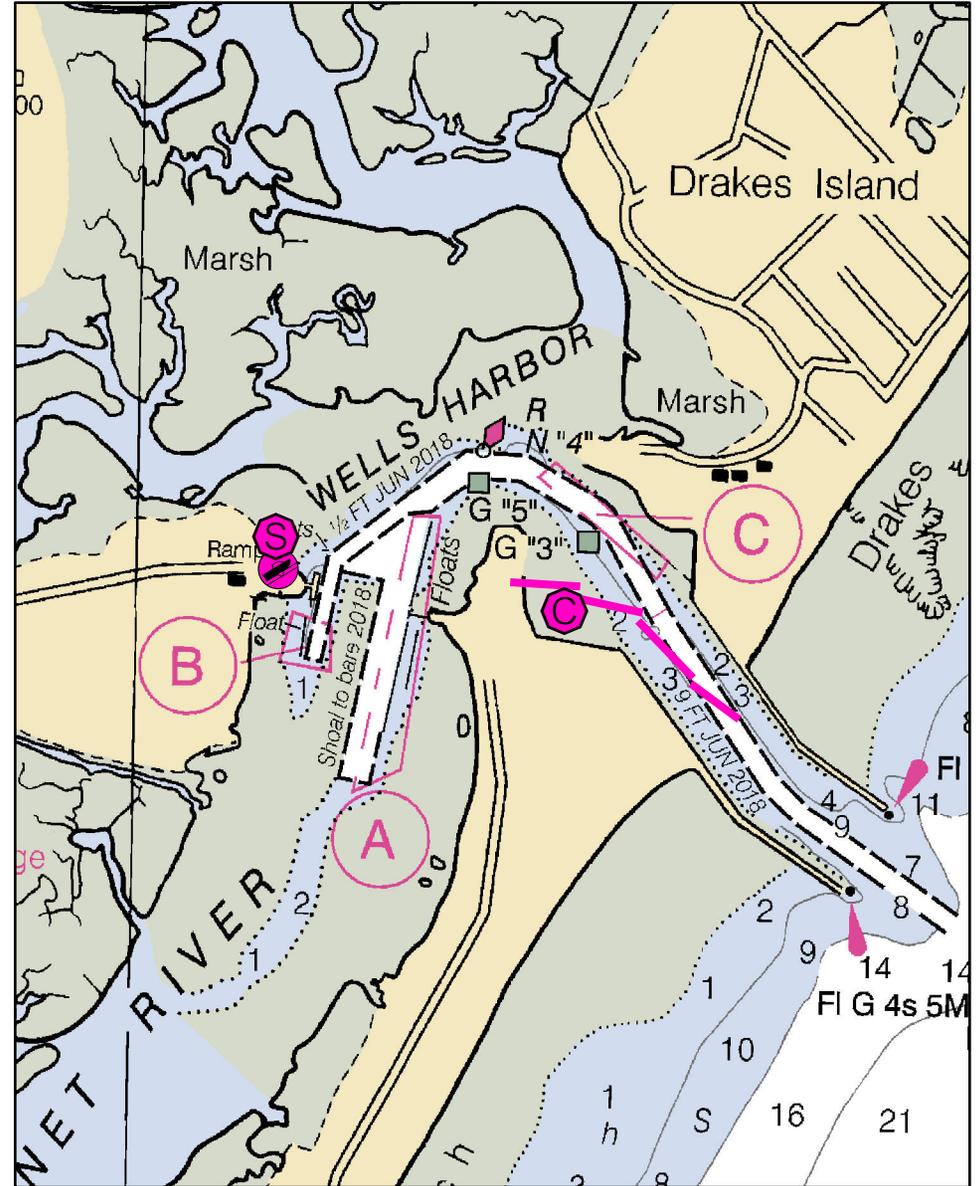
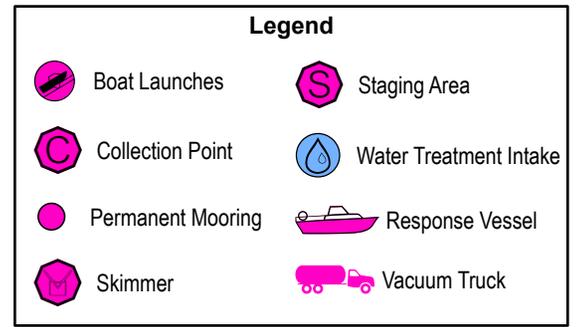
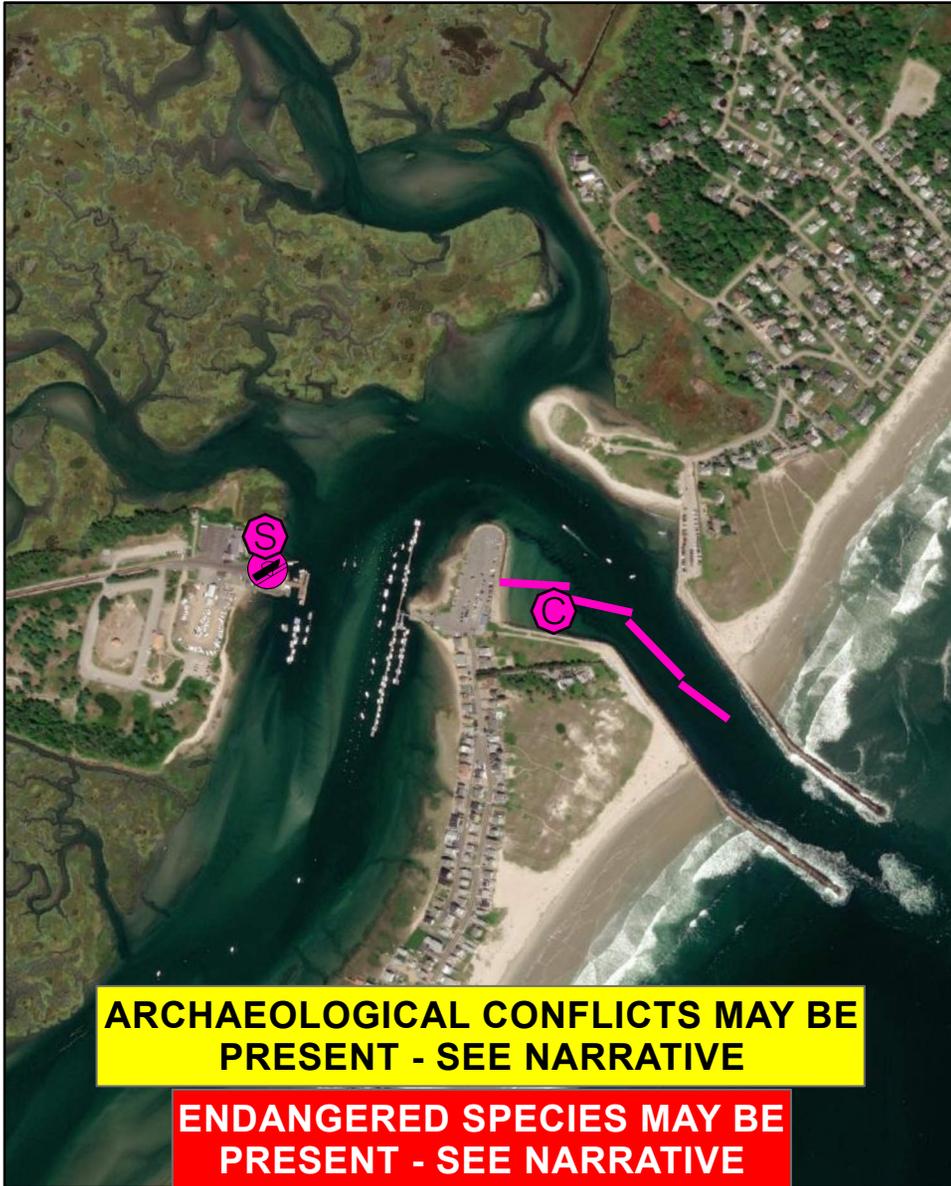
A-35-1

Wells Harbor and Webhannet River

Wells, ME



Date printed: 9/10/2022 7:50 PM



A-35-1 Wells Harbor and Webhannet River

Town Wells, ME

Latitude 43° 19.174 N **Longitude** 70° 33.431 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 2.2 **Ebb**

Source Measured

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_5

ESI Map # 53B

EVI Map # 7

DeLorme Map # (2019) 3 E1

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Extensive marshes and mudflats. Sand beach. Shorebird area. Elver runs. Harlequin duck wintering area (state threatened species, federal species of special concern) at southern end. Piping plover/least tern (state endangered species) essential habitat to north. Contact Maine Department of Inland Fisheries and Wildlife and U.S. Fish and Wildlife. Marsh is high priority area. Limited purpose aquaculture in harbor.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from Webhannet River

Staging Areas Wells Harbor boat launch / Atlantic Avenue parking area

Site Access Atlantic Avenue parking area

Nearest address: 506 Atlantic Ave

Nearest Boat Ramp Wells Harbor Boat Launch. Tide limited. Webhannet River Boat Yard in harbor has boat lift. Next closest is York Harbor, 15 miles to the south.

Collection Points Town parking lot at end of Atlantic Avenue. Consider also deploying a skimmer from floats at Webhannet River Boat Yard. Oil escaping this strategy will likely go by the floats.

Special Instructions This channel receives maintenance dredging, so can be variable. Tricky at low water.

Work Assignment Place three 300 foot lengths of boom from collection area out into channel to divert oil to parking lot. Use an additional 200 foot length furthest into channel. Incoming flow tends to follow western side of channel. With limited resources, set legs closest to collection area first. Use two 22# anchors at ends of each length of boom.

Recommended Equipment / Resources

Length of Boom (feet) 1100 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
7 - anchor systems: 22 lb. Fortress or equivalent and line for 3:1 scope plus tag line with buoy.
1 - shoreside connections
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 10/25/2018

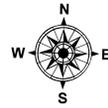
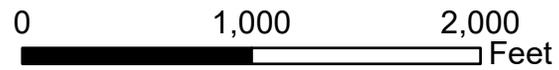
Last Field Visit: 10/18/2012

Last Field Test: 10/18/2012

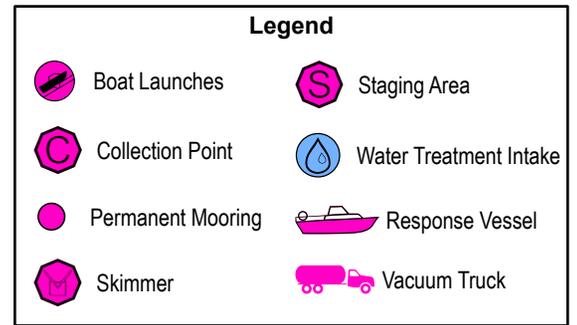
A-36-1

Little River, Wells

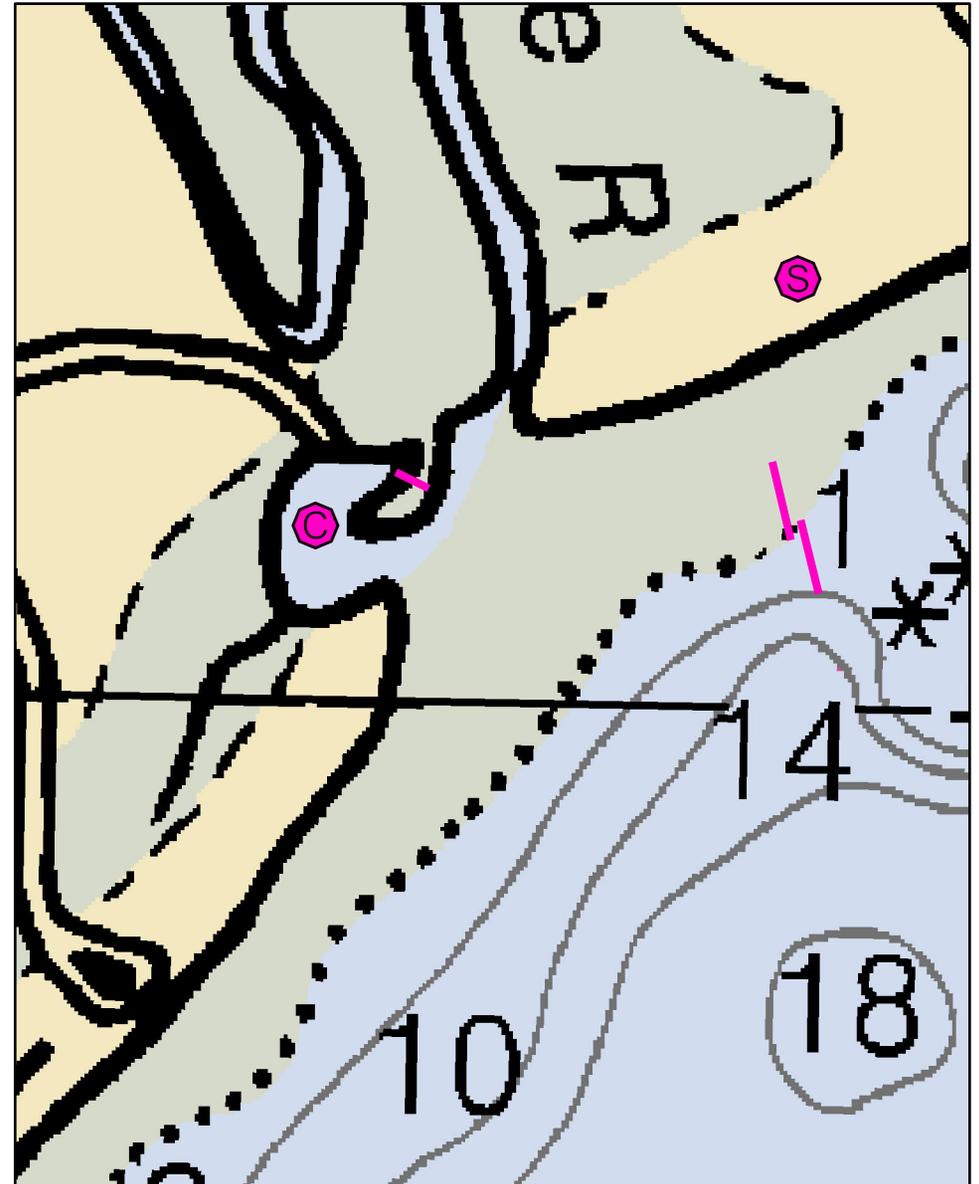
Wells / Kennebunk, ME



Date printed: 9/11/2022 7:01 AM



ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



A-36-1 Little River, Wells

Town Wells / Kennebunk, ME

Latitude 43° 20.117 N **Longitude** 70° 32.377 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 1.6 **Ebb** 1.5

Source Fitzgerald, et al 1989

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 53B

EVI Map # 8,7

DeLorme Map # (2019) 3 D1

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Maine Endangered Species: Piping Plover and Least Tern nesting areas. Federal Threatened Species (Piping Plover). Property is owned by Laudholm Farm National Estuarine Research Reserve. Contact Maine Department of Inland Fisheries and Wildlife and US Fish and Wildlife Service prior to deployment during spring and summer seasons. Extensive salt marsh fed by Little River.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To deflect and divert oil from Little River.

Staging Areas Wells Harbor / Laudholm Farm / Private road extending from Parsons Beach Road/Brown St. in Kennebunk

Site Access SW side: Route 95 Exit 19. Route 9/1 North to (1) Laudholm Farm Rd. (SW side), or (2) Private road across from intersection of Route 9 and Parsons Beach Road/Brown St. (NE side).

Nearest Boat Ramp ~ 1.0 mile: Wells Town Dock, Lower Landing Road
Also small boat ramp on Route 9, southwest side of Mousam River: 4' at low water, 5' clearance under bridge

Collection Points See GRP. Collect from inside of diversion boom and just inside Little River inlet.

Special Instructions River is located on Laudholm Farm National Estuarine Research Reserve property: (207)646-1555. Difficult access. Note environmental concerns.

Work Assignment Inlet location has changed from what is shown on NOAA chart. There is no direct access to the water except by boat. Both sides about 300' overland from nearest road. Site is exposed at low tide.

Deploy two 300' lengths of diversion boom from private road extending from the end of Brown St. in Kennebunk. Deploy 150' exclusion boom from the end of Laudholm Farm Rd. in Wells (southwest side). In extreme emergency, sand could be bulldozed from below high tide line to close inlet with underflow dam.

Recommended Equipment / Resources

Length of Boom (feet) 750 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
4 - anchor sets (22 lb. Fortress or equivalent) and line for 3:1 scope
2 - shoreside connections
1 - workboat
1 - boat operator
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

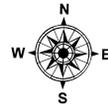
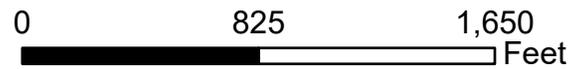
Last Desktop Validation: 11/1/2018

Last Field Visit

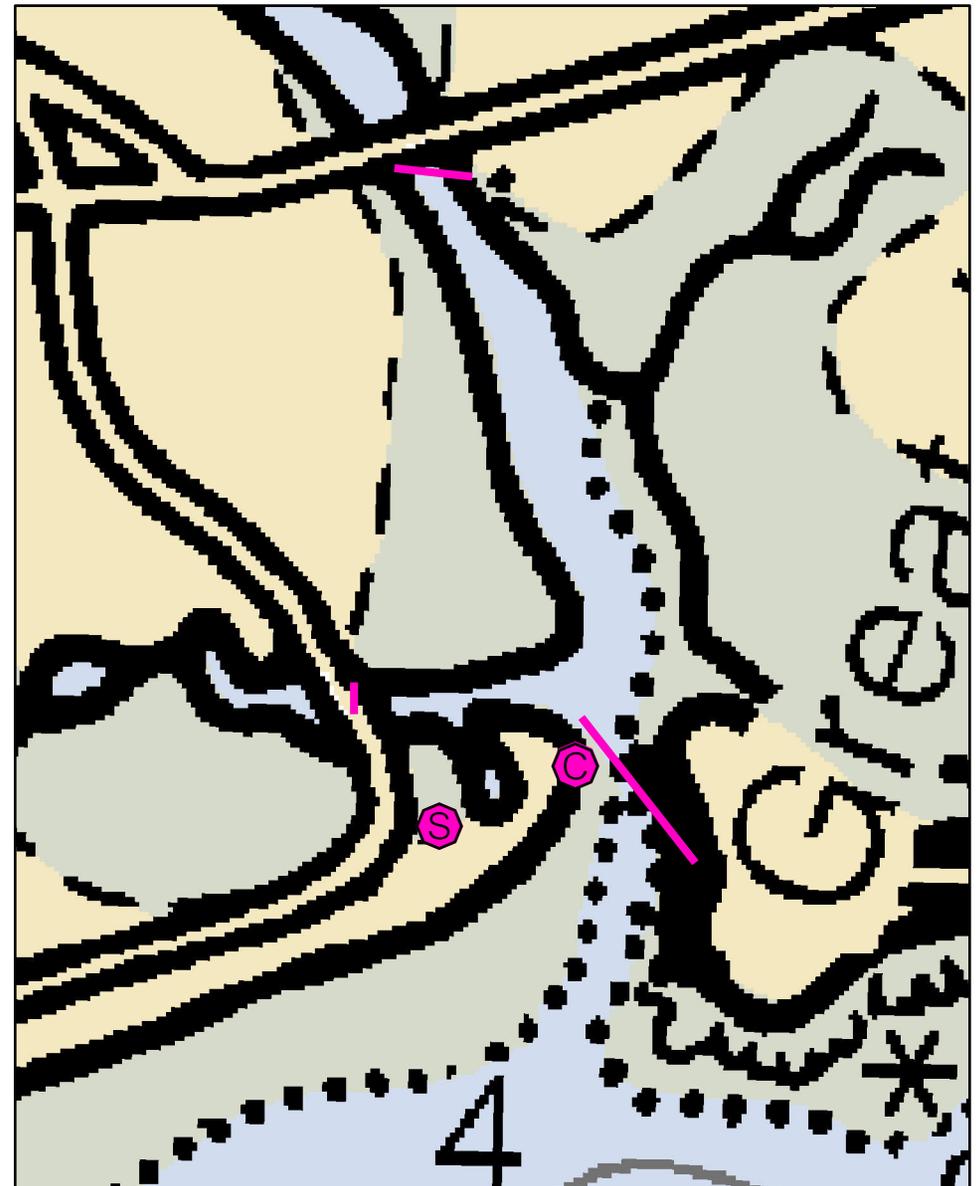
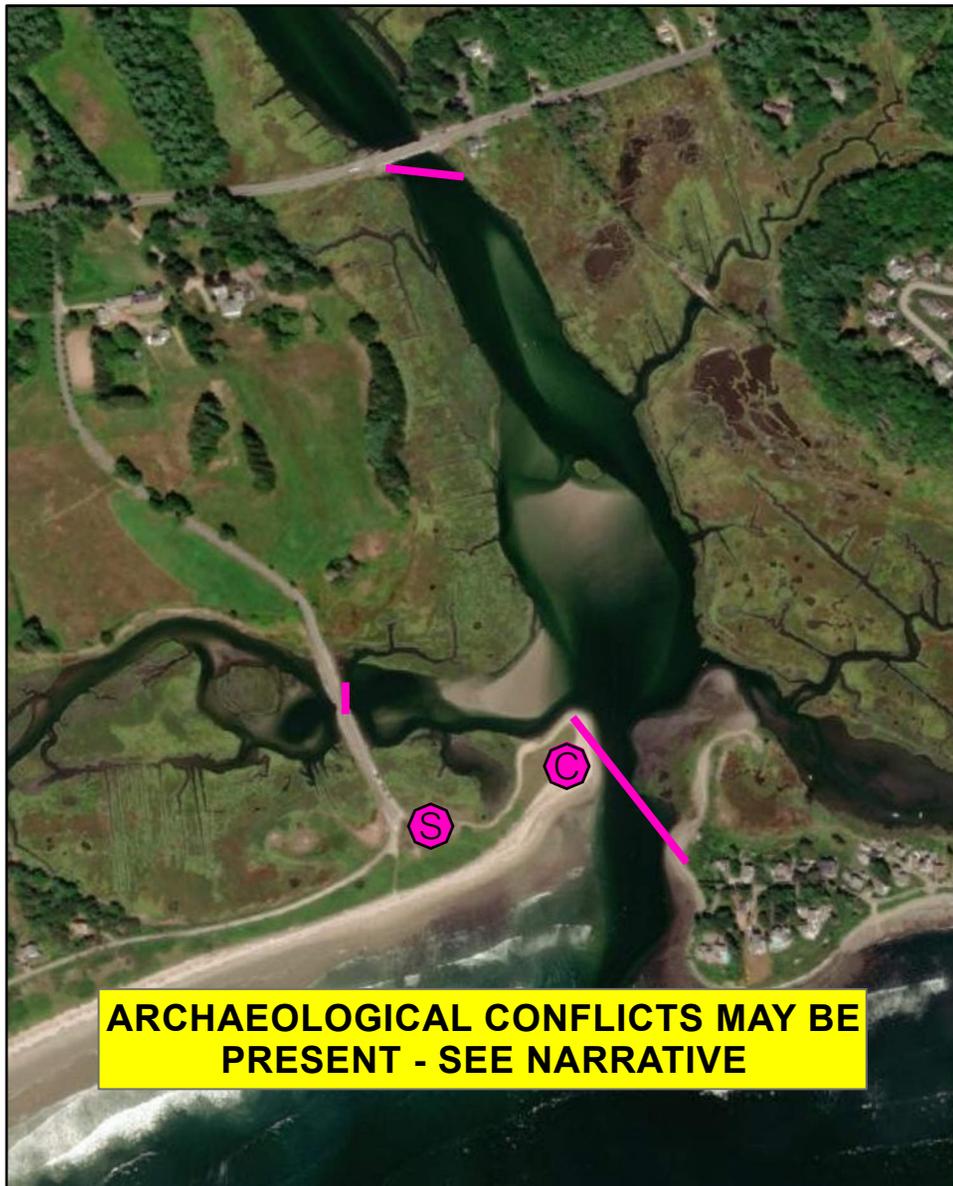
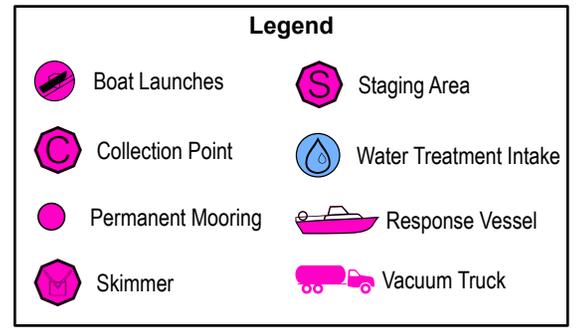
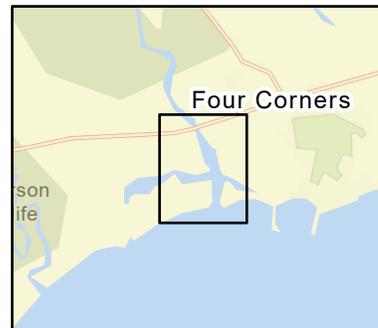
Last Field Test:

A-37-1

Mousam River Kennebunk, ME



Date printed: 9/10/2022 7:50 PM



A-37-1 Mousam River

Town Kennebunk, ME

Latitude 43° 20.596 N **Longitude** 70° 30.960 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 52C, 53B

EVI Map # 8

DeLorme Map # (2019) 3 D1

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Mousam River is bird wintering area. Shorebird habitat. Shellfish beds (closed to harvesting). Diadromous fish run in river. Extensive marsh upstream.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Divert oil from Mousam River

Staging Areas West side of river. Road is very narrow, with 5 ton limit on bridge.

Site Access Interstate 95 Exit 2 to Route 109/9 east 5.5 miles to Parsons Beach Road on west side of river.

Nearest address: 35 Parsons Beach Road, Kennebunk

Nearest Boat Ramp Small ramp (20' boat max) on west side of Route 9 bridge; limited space and parking. Wells Harbor, 3 miles southwest. Marinas in Kennebunk River, 2.5 miles northeast.

Collection Points Northeast tip of Parson's Beach.

Special Instructions Very difficult access. Difficult to do shore recovery of oil. Parsons Beach is privately owned and posted. Site is immediately adjacent to Rachel Carson National Wildlife Refuge. Notify US Fish and Wildlife Service in Wells (207) 646-9226 of any operations in this area.

Work Assignment Deploy 600' of boom at a shallow angle into the current from Parson's Beach to Great Hill. Secondary deployments: 300' harbor boom across inlet at Rte. 9 bridge and 100 feet at bridge just before parking lot at Parson's Beach access. Riprap at Rte. 9 bridge may warrant extending or moving boom spread.

Recommended Equipment / Resources

Length of Boom (feet) 600 (primary), 400 (secondaries)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
Primary:
2 - shoreside connections
1 - workboats with minimum 90 hp
1 - boat operators
4 - laborers

Parsons Beach Road:
1 - vehicle with boom
2 - laborers

Route 9 Bridge:
1 - vehicle with boom
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

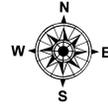
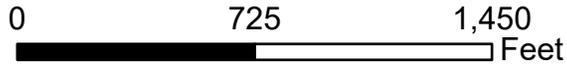
Last Desktop Validation: 11/8/2018

Last Field Visit: 5/27/2022

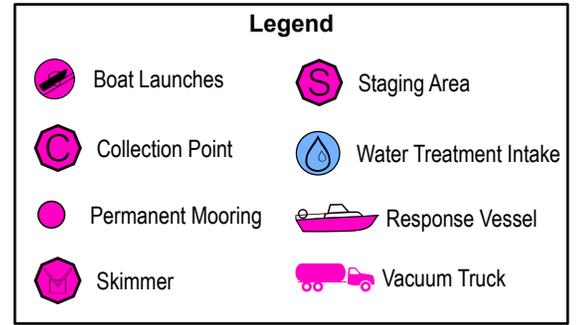
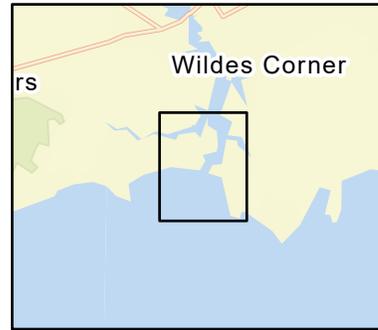
Last Field Test:

A-38-1

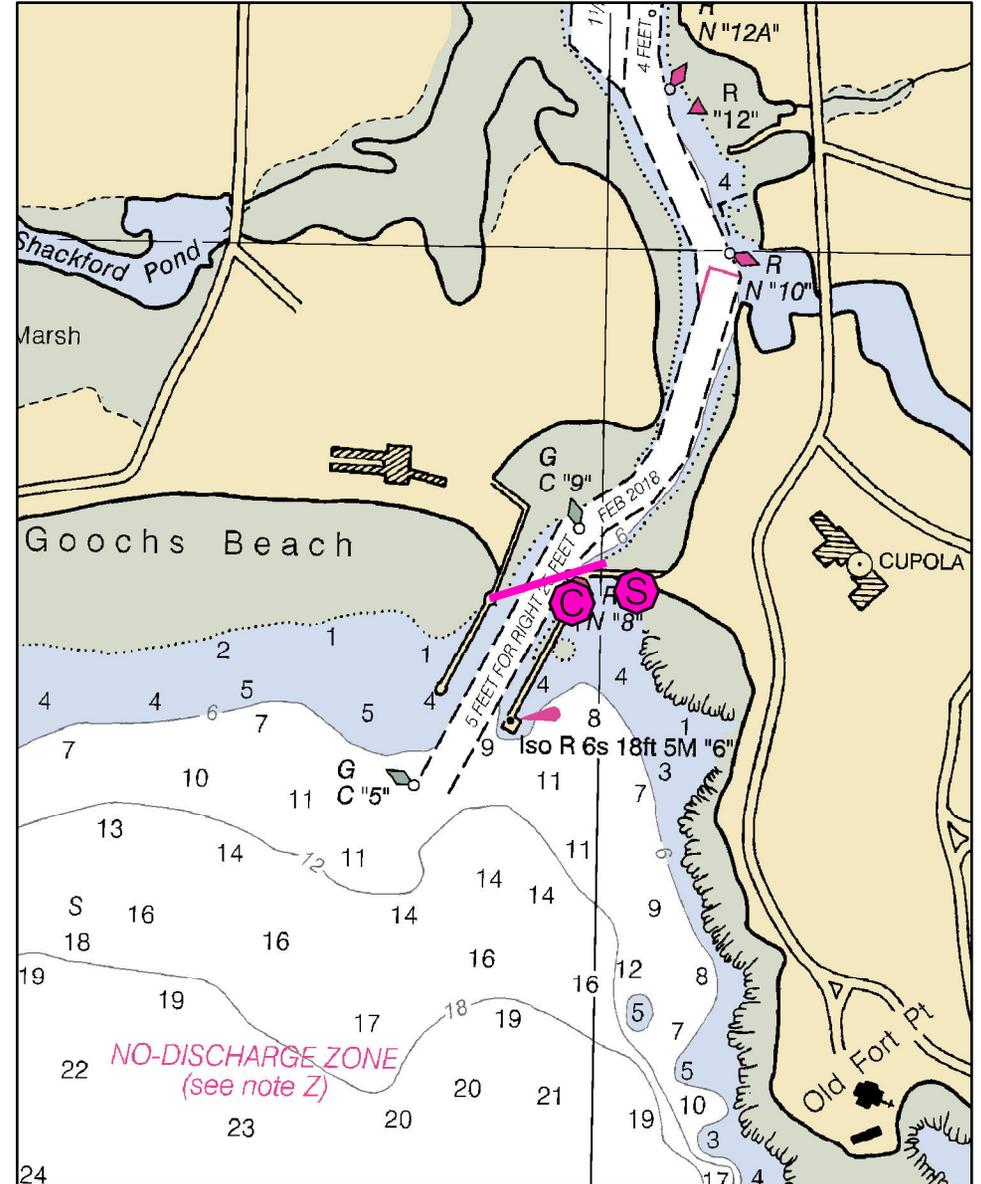
Kennebunk River Kennebunkport, ME



Date printed: 9/11/2022 7:03 PM



ARCHAEOLOGICAL CONFLICTS MAY BE PRESENT - SEE NARRATIVE



A-38-1 Kennebunk River

Town Kennebunkport, ME

Latitude 43° 20.756 N **Longitude** 70° 28.593 W

Approx. Tidal Range (feet) 9

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_4

ESI Map # 52C

EVI Map # 8

DeLorme Map # (2019) 3 D2

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)

ESI Secondary Shoreline Type Coarse grained sand beach (4)

Environmental Concerns Shorebird areas. Diadromous fish. Salt marsh upstream.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Divert oil from Kennebunk River

Staging Areas Town parking lot, east side of river; might be difficult in tourist season.

Site Access Interstate 95 Exit 25 (Kennebunk) to Route 35 east.
Route 9 east to Ocean Ave, Kennebunkport to town parking lot on east side of river.

Nearest address: 135 Ocean Ave, Kennebunkport

Nearest Boat Ramp 1/2 mile upriver: Chick's Marina 207-967-2782. Several other marinas on river.

Collection Points Town parking lot, east side of river

Special Instructions Strategy closes off Kennebunk River to incoming and outgoing traffic. Notify Harbor Master for Kennebunkport River.

Work Assignment Deploy 400' of boom across inlet inside jetty.

Recommended Equipment / Resources

Length of Boom (feet) 400 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

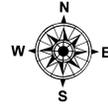
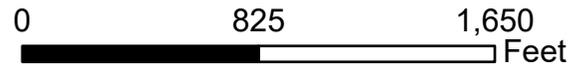
Last Desktop Validation: 11/8/2018

Last Field Visit: 5/27/2022

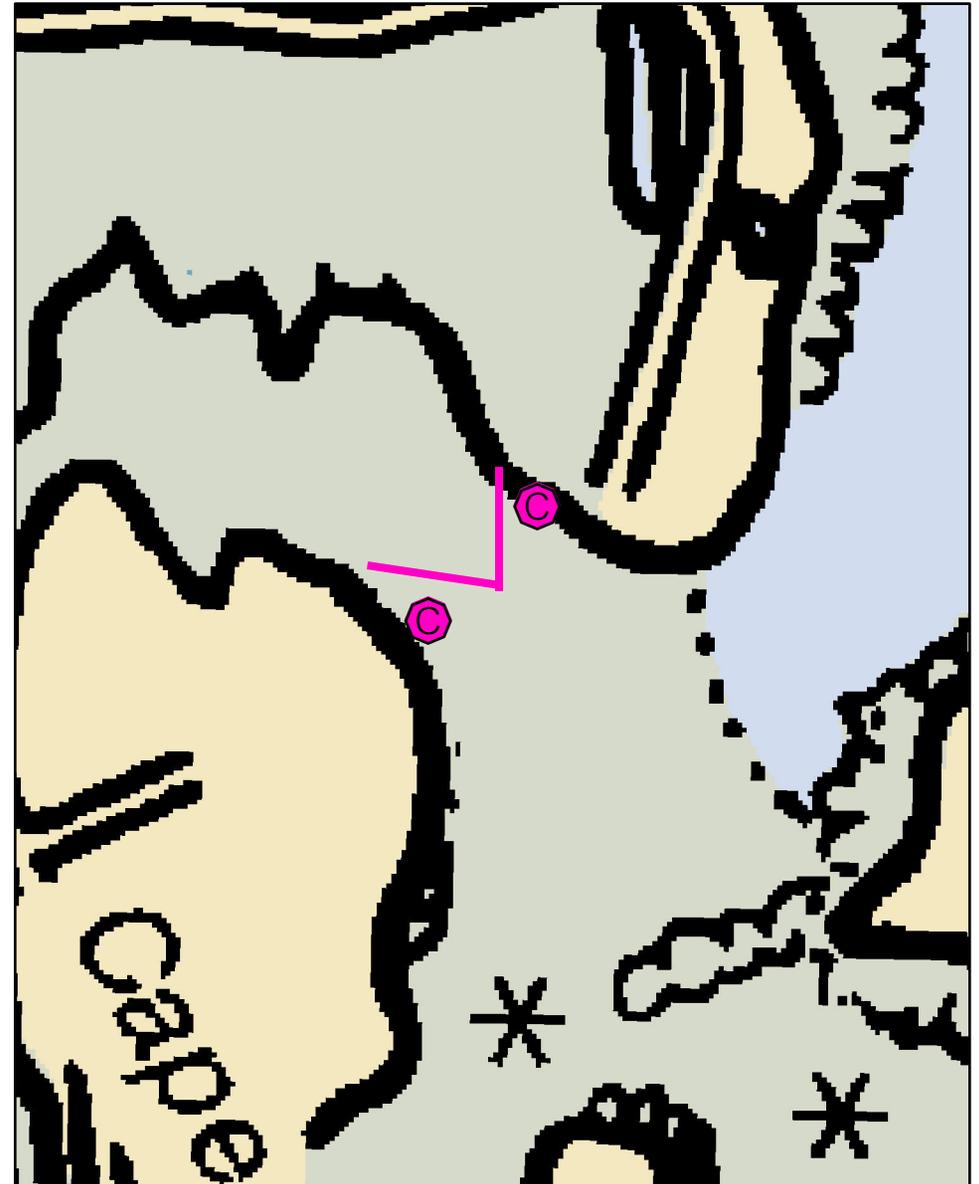
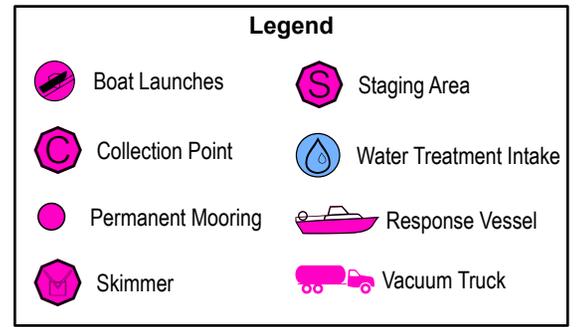
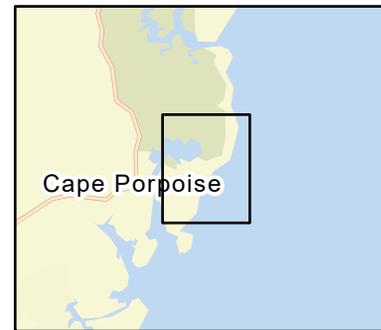
Last Field Test:

A-39-1

Cape Porpoise Harbor / Sampson Cove Kennebunkport, ME



Date printed: 9/10/2022 7:50 PM



A-39-1 Cape Porpoise Harbor / Sampson Cove

Town Kennebunkport, ME

Latitude 43° 22.066 N **Longitude** 70° 25.706 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb**
Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 52C, 52B

EVI Map # 9

DeLorme Map # (2019) 3 D2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Shellfish and shorebird habitat. Salt marsh in Sampson Cove. Folly Island and Green Island are seabird nesting areas. Lobster dealers in harbor.

Archaeological Conflicts Avoid surface disturbance at southwest collection point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Exclude oil from Sampson Cove.

Staging Areas 29 Fishers Lane, Kennebunkport (parking area at end of road)

Site Access Same as staging areas

Nearest Boat Ramp 0.5 miles Cape Porpoise town wharf. Potential to launch small boat from Fisher's Lane (not all tide)

Collection Points Fishers Lane and Skipper Joe's Point Road

Special Instructions

Work Assignment Deploy 800 feet of boom in chevron formation from Fishers Lane across inlet to Sampson Cove.

Recommended Equipment / Resources

Length of Boom (feet) 800

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
1 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
2 - shoreside connections
1 - 2 vacuum trucks or skimmers and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

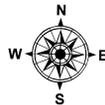
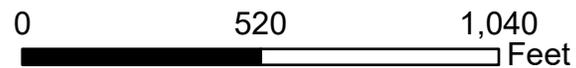
Last Desktop Validation: 11/8/2018

Last Field Visit 8/16/2004

Last Field Test:

A-40-1

Batson River / Smith Brook Kennebunkport, ME



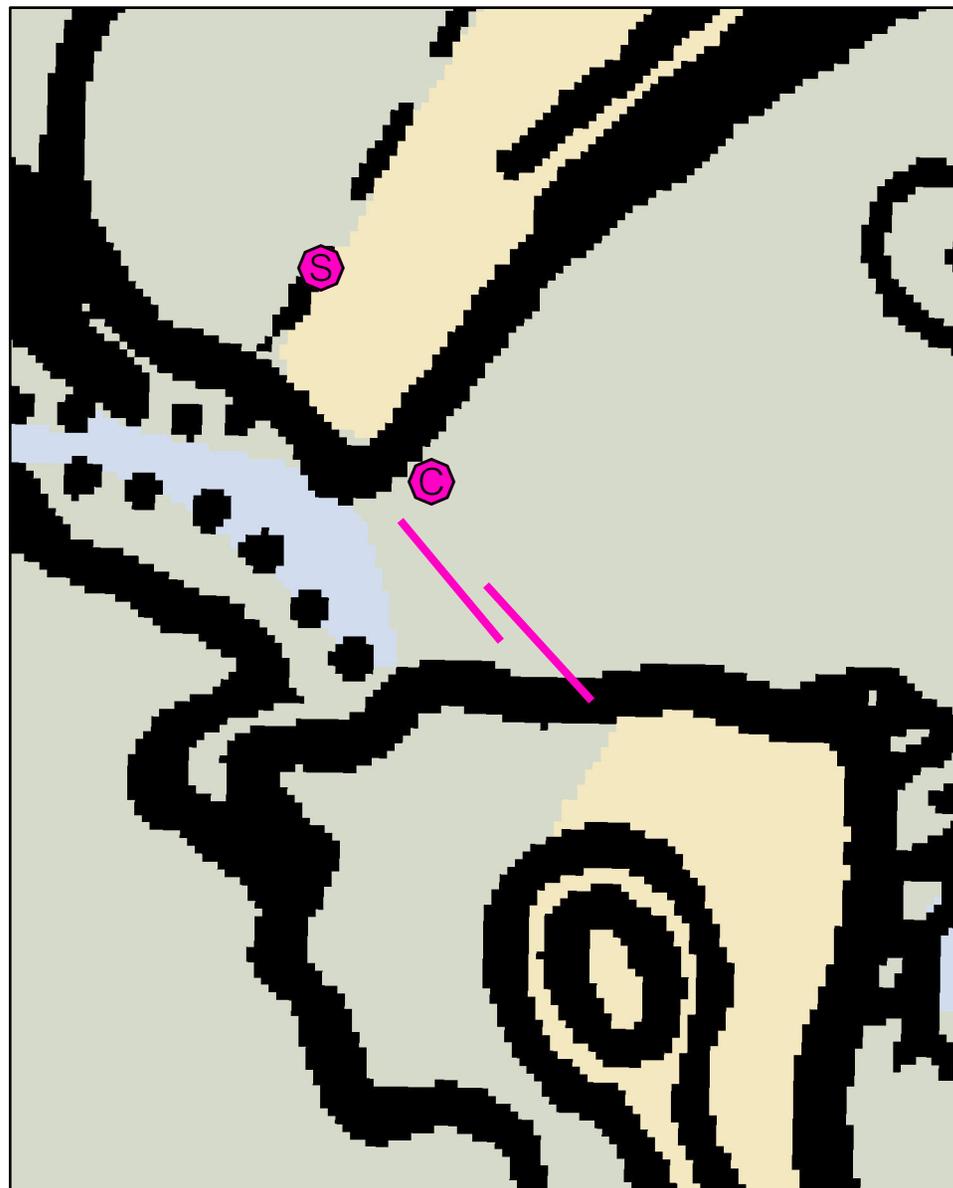
Date printed: 9/10/2022 7:50 PM



Legend	
	Boat Launches
	Collection Point
	Permanent Mooring
	Skimmer
	Staging Area
	Water Treatment Intake
	Response Vessel
	Vacuum Truck



ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



A-40-1 Batson River/Smith Brook

Town Kennebunkport, ME

Latitude 43° 23.279 N **Longitude** 70° 25.598 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 1.6 **Ebb** 1.6

Source Fitzgerald, et al 1989

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 52B

EVI Map # 9

DeLorme Map # (2019) 3 D2

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Exposed rocky shores (1A)

Environmental Concerns Maine and Federal Endangered and Threatened Species: Piping Plover, Least Tern and Roseate Tern nesting areas. Contact US Fish and Wildlife Service in Wells (207)646-9226 and Maine Dept. of Inland Fisheries & Wildlife prior to deployment during spring and summer seasons.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To deflect oil from Batson River

Staging Areas 101 King's Highway, Kennebunkport. Extremely limited parking.

Site Access From Route 9 in Kennebunkport, turn east onto Goose Rocks Road. Turn right at T intersection on King's Highway and proceed to dead end.

Nearest Boat Ramp Small trailerable ramp 2 mi. NE at Little River. Cape Porpoise town wharf 3.2 miles SW.

Collection Points Goose Rocks Beach

Special Instructions Difficult access. Long walk across beach to access GRS area, consider coordinating with FD to use a UTV or similar to deploy boom. Collection point difficult if not infeasible due to homes and adjacent sand dunes, vacuum truck would not be able to access unless it went into the driveway for 401 Kings Hwy.; would need several hundred feet of hose.

Work Assignment Deploy two 300' sections of boom in cascade across river mouth. A secondary 200 foot long piece of boom is located upstream at Route 9 crossing. No access from Marshall Point side. All sand on Goose Rocks side (500' on foot from end of road).

Recommended Equipment / Resources

Length of Boom (feet) 600 (primary), 200 (secondary)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
Primary:
4 - anchor systems: 22 lb. Fortress or equivalent
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Secondary:
1 - vehicle with boom
2 - shoreside connections
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

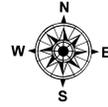
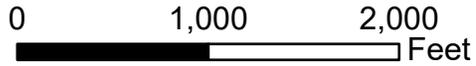
Last Desktop Validation: 11/8/2018

Last Field Visit: 5/27/2022

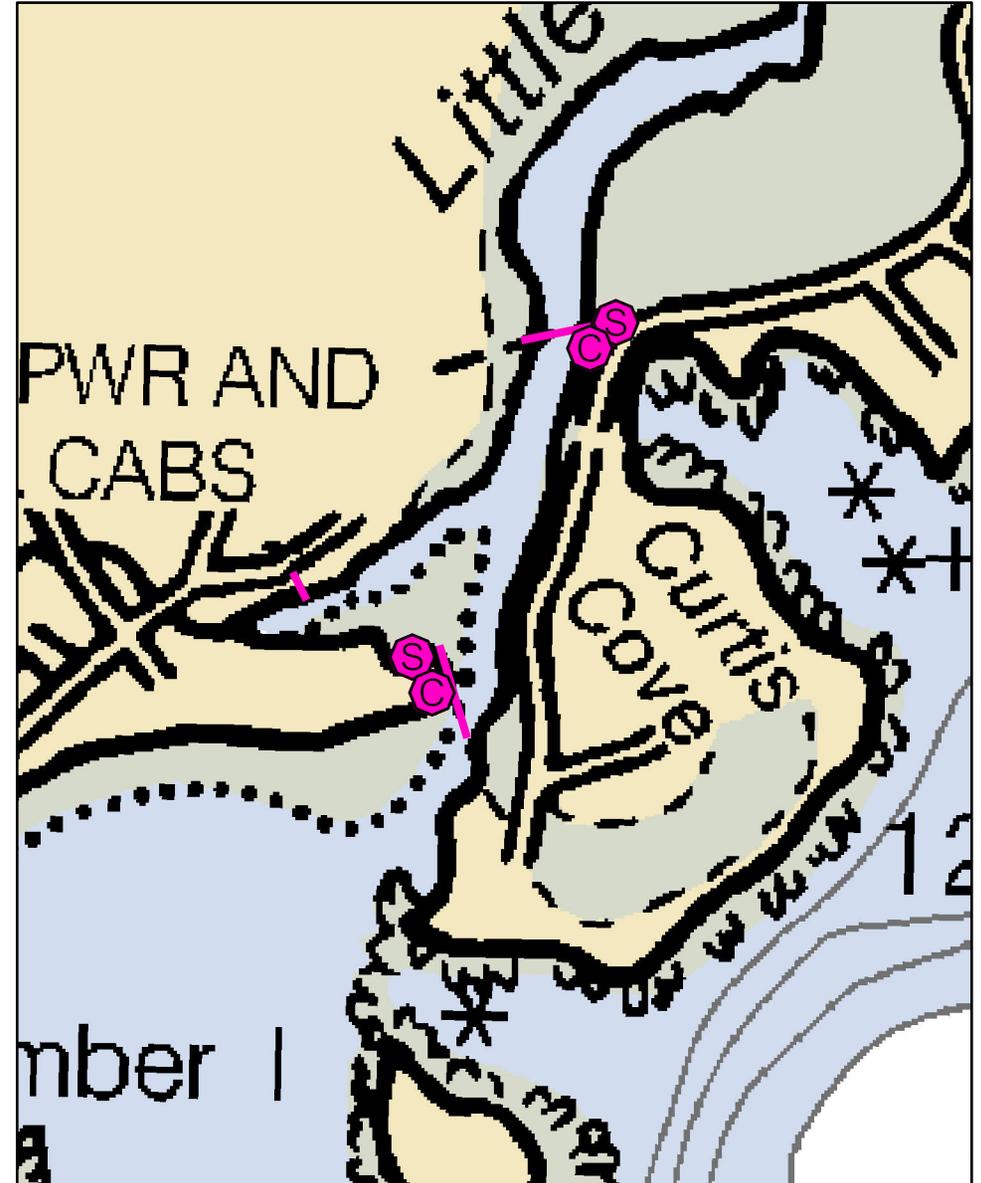
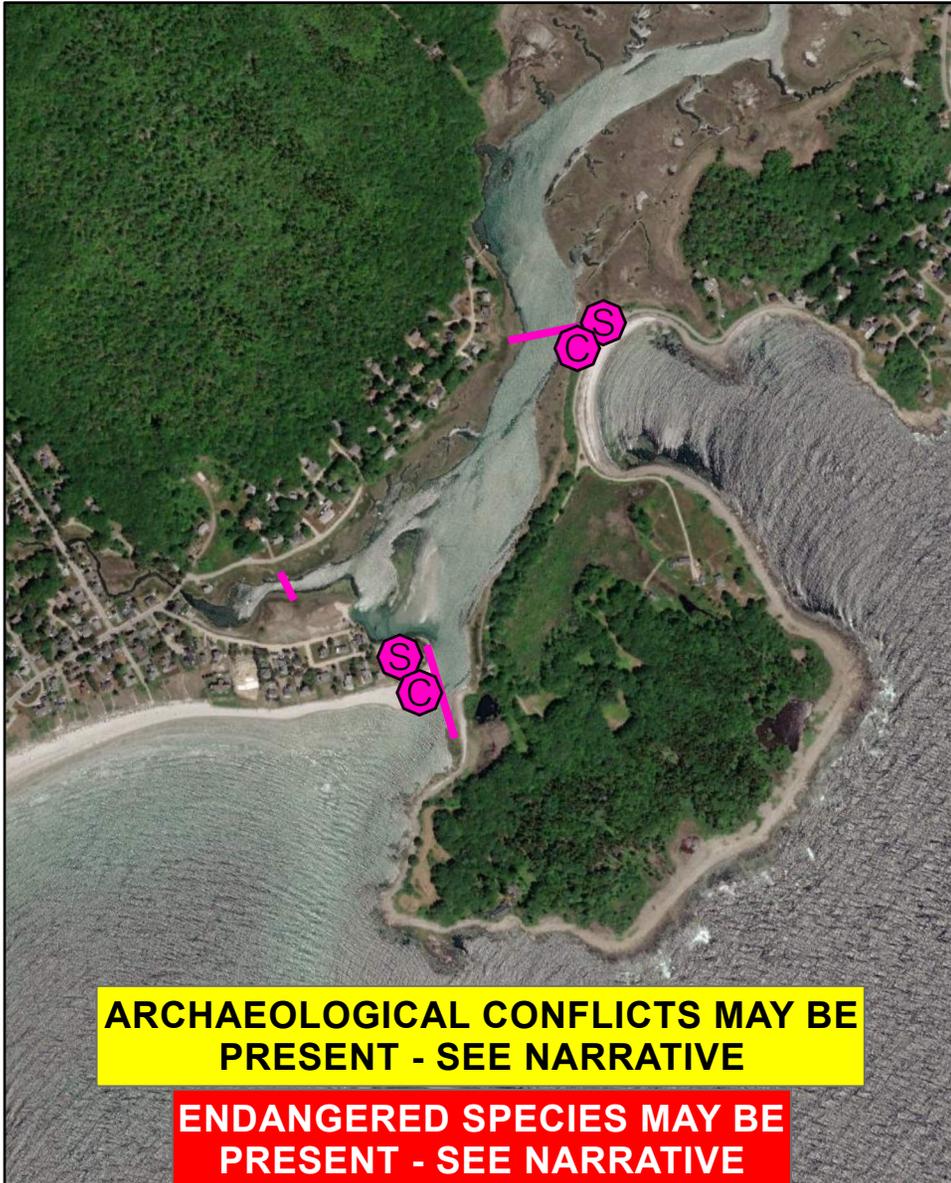
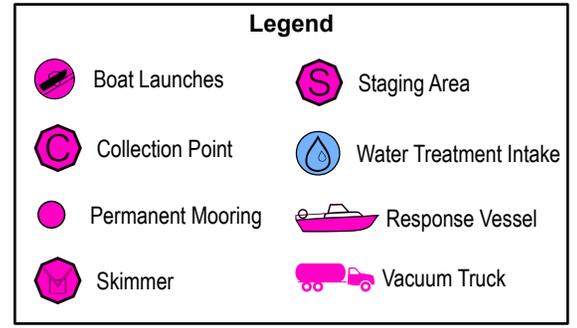
Last Field Test:

A-41-1

Little River, Biddeford Biddeford, ME



Date printed: 9/10/2022 7:50 PM



A-41-1 Little River, Biddeford

Town Biddeford, ME

Latitude 43° 23.966 N **Longitude** 70° 24.042 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 1.6 **Ebb** 1.2

Source Fitzgerald, et al 1989

Port Region New Hampshire and Southern Maine

NOAA Chart # 13286_1

ESI Map # 52A

EVI Map # 9

DeLorme Map # (2019) 3 D3

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Maine Endangered Species: Piping Plover and Least Tern nesting areas. Federal Threatened Species (Piping Plover). Contact US Fish & Wildlife Service in Wells 207-646-9226 and the Maine Dept. of Inland Fisheries & Wildlife prior to deployment during spring and summer seasons. Extensive salt marsh fed by Little River is vulnerable shorebird habitat.

Archaeological Conflicts Secondary southern boom eastern anchoring point should be kept near wrack line or anchored to boulders/trees if possible. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert and exclude oil from Little River

Staging Areas Sand Point Road Extension/ Timber Point Road. Limited and narrow parking, especially during tourist season.

Site Access West side: From Rte. 9 in Kennebunkport, take Dyke Rd. to King's Hwy. East on King's Hwy to Sand Pt. Road.
East side: Rte. 9 east to Granite Point Road. Right on Timber Point Road.

Nearest Boat Ramp Small boat ramp on Sand Pt. Rd. (not accessible at low tide)
Large boat ramps at Cape Porpoise Harbor and Biddeford Pool
Small gravel boat ramp off Timber Pt. Rd. (also tide dependent)

Collection Points Northeast end of Goose Rocks Beach, boat launch on Timber Pt. Road

Special Instructions May be unnecessary if river flow is strong; winter upkeep of staging areas needs to be checked.

Work Assignment There are one primary and two secondary strategies. Upstream strategies may be most feasible due to current at river mouth. Boom best staged from Sand Point side due to access.

Deploy 450' of boom diagonally across inlet from Sand Pt. Road to Timber Pt.
Secondary deployment: 100' of harbor boom across secondary inlet from boat launch on Sand Pt. Rd.
Additional secondary deployment: 400' harbor boom across inlet at boat launch off Timber Pt. Road.

Recommended Equipment / Resources

Length of Boom (feet) 1100 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)

Primary:	Timber Point Road:
2 - shoreside connections	1 - vehicle with boom
1 - vacuum truck or skimmer and storage	2 - shoreside connections
1 - workboats with minimum 90 hp	2 - laborers
1 - boat operators	
2 - laborers	
Sand Point Road:	
1 - vehicle with boom	
2 - shoreside connections, 2 laborers	

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

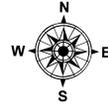
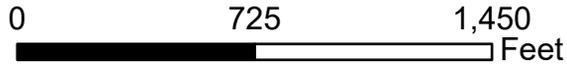
Last Desktop Validation: 11/8/2018

Last Field Visit: 7/18/2022

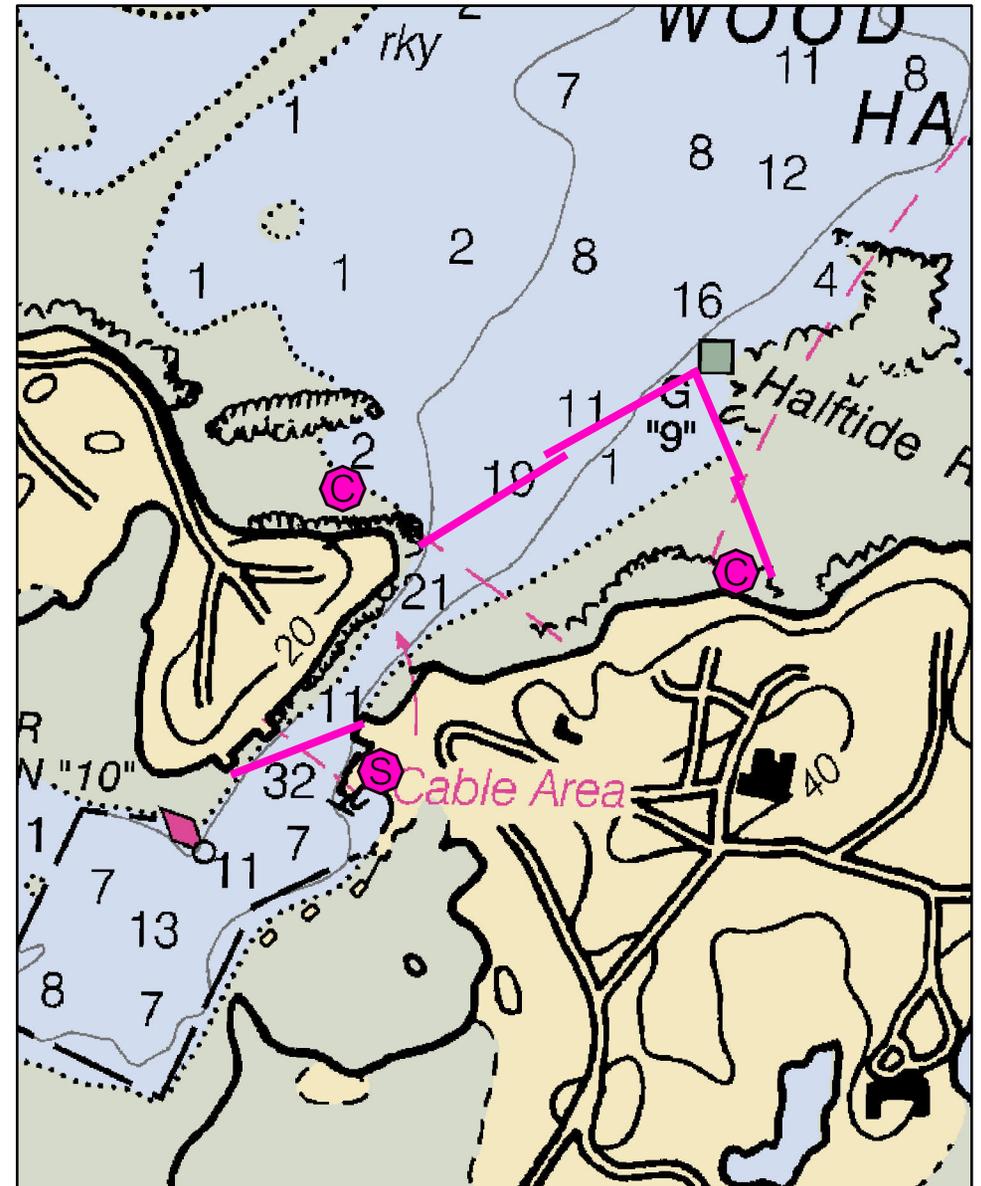
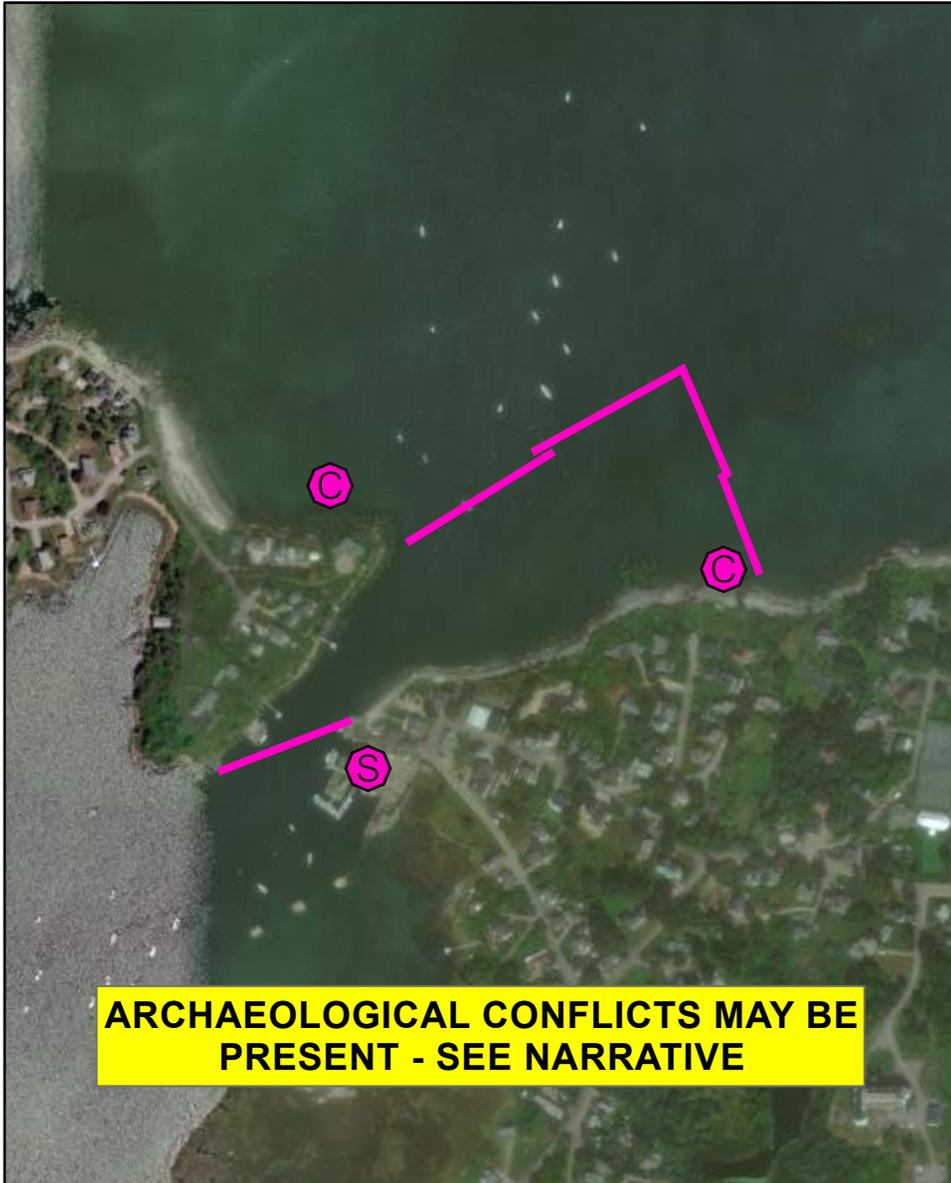
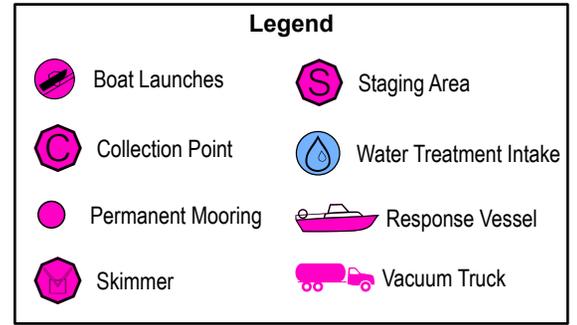
Last Field Test: 3/25/2010

A-42-1

Biddeford Pool Biddeford, ME



Date printed: 9/11/2022 7:04 PM



A-42-1 Biddeford Pool

Town Biddeford, ME

Latitude 43° 26.871 N **Longitude** 70° 21.311 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 2+ **Ebb**

Source estimated

Port Region New Hampshire and Southern Maine

NOAA Chart # 13287_1

ESI Map # 52A

EVI Map # 9

DeLorme Map # (2019) 3 C3

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)

ESI Secondary Shoreline Type Mixed sand and gravel beaches (5)

Environmental Concerns Biddeford Pool is an important bird wintering area. Shorebirds, marine worms and shellfish beds present. Roseate tern (endangered), harlequin duck (state threatened) and seabird nesting islands located just offshore of Wood Island Harbor.

Archaeological Conflicts Potential conflict at Vines Landing for secondary deployment; utilize ground or newer structures for anchoring inland boom deployment. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from entering Biddeford Pool

Staging Areas Vines Landing boat launch, Mile Stretch Road

Site Access Route 9 to 208 east. Left turn at end of 208 onto Mile Stretch Road. Vine's Landing (public boat launch) is at end of Mile Stretch Rd. Closest address: 1 Lester B. Orcutt Blvd.

Nearest Boat Ramp Vines Landing, at site. Biddeford Pool Yacht Club adjacent.

Collection Points East side of entrance to Biddeford Pool, southwest tip of Hills Beach

Special Instructions Strategy shuts off The Pool and all traffic through the inlet; contact the Biddeford Harbormaster. Current is extremely fast at inlet mouth.

Work Assignment Deploy two 500 foot sections of boom from southern end of Hills Beach to Halftide Rock.
Deploy two 350 foot sections of boom from Vines Landing to Halftide Rock.
Secondary deployment, or if primary is not feasible: Deploy 500' of harbor boom across inlet inshore. Use as shallow an angle as possible due to high currents.

Recommended Equipment / Resources

Length of Boom (feet) 1700 (primary), 500 (secondary)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

Primary:

- 4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Secondary:

- 2 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 1 - workboats with minimum 90 hp
- 1 - boat operators
- 2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

Last Desktop Validation: 11/8/2018

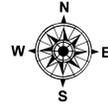
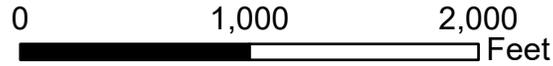
Last Field Visit: 6/9/2022

Last Field Test:

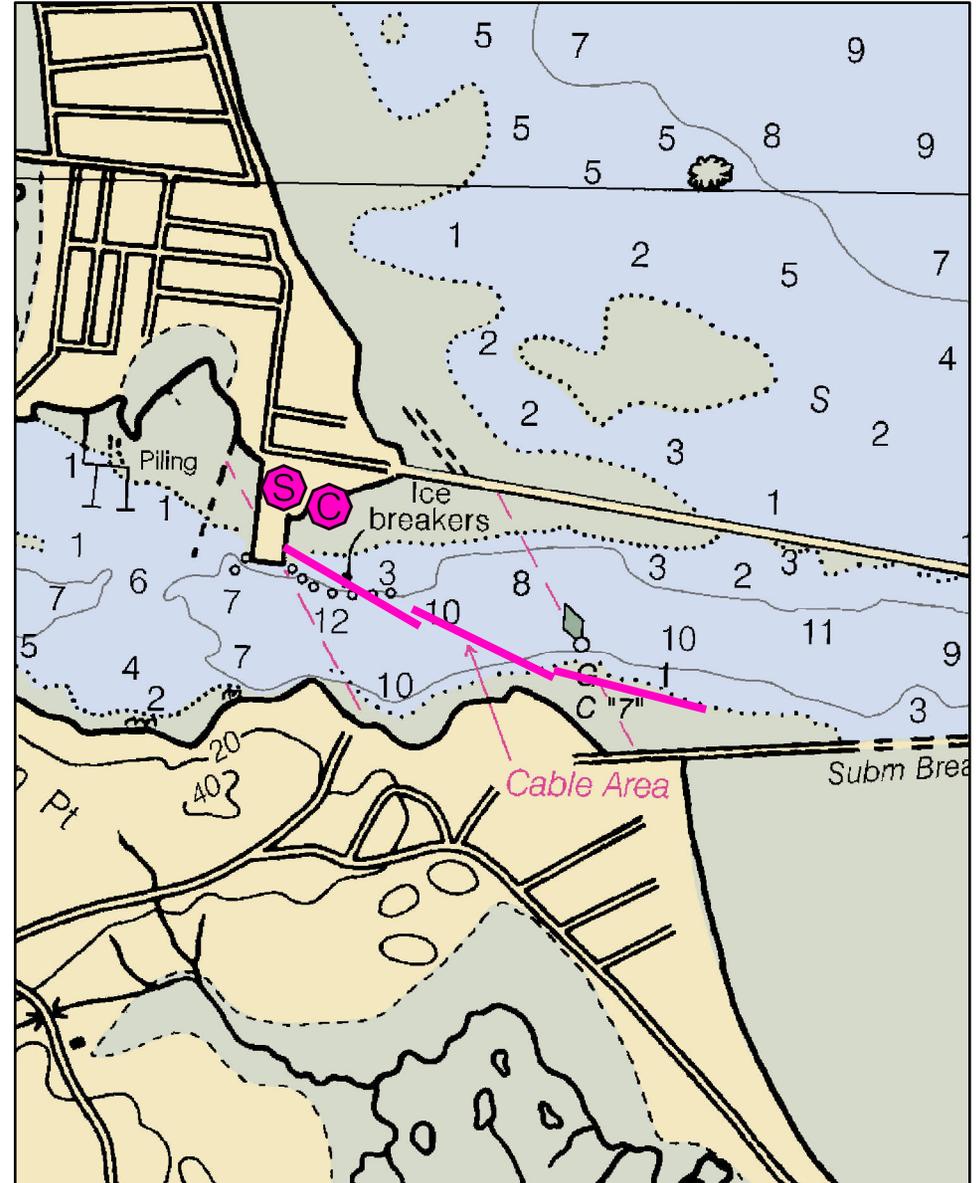
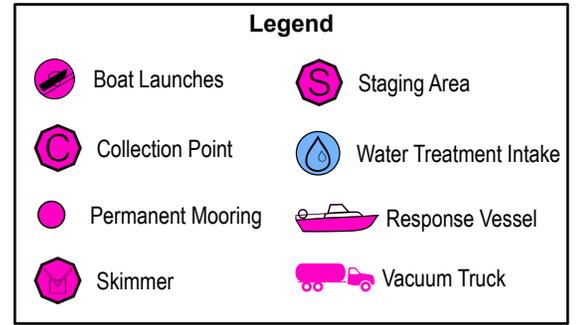
A-43-1

Saco River

Biddeford / Saco, ME



Date printed: 9/10/2022 7:50 PM



A-43-1 Saco River

Town Biddeford / Saco, ME

Latitude 43° 27.685 N **Longitude** 70° 22.899 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** 2 **Ebb** 3

Source Woods Hole Group, 2003

Port Region New Hampshire and Southern Maine

NOAA Chart # 13287_1

ESI Map # 52A

EVI Map # 9

DeLorme Map # (2019) 3 C3

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Riprap (6B)

Environmental Concerns Saco River is a bird wintering area. Shorebird habitat. Diadromous fish and elver runs in river.

Archaeological Conflicts No conflict as designed. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from Saco River

Staging Areas Camp Ellis pier; excellent parking lot but parking and staging will be difficult during summer.

Site Access Route 9 south (Seaside Ave) to Main Ave / North Ave to Camp Ellis fish pier. Caution - this route has a 12' height limit due to railroad underpass.

Alternative route: Interstate 195/Rte. 5; left onto Old Orchard Road; right onto Route 9 (Seaside Ave.) to Main Ave / North Ave to Camp Ellis fish pier.

Closest address: 7 Bay Ave, Saco, ME

Nearest Boat Ramp At site: Camp Ellis Pier

Collection Points Camp Ellis Pier. Vac truck could park parallel to beach and access site with 200-300 feet of hose.

Special Instructions GRS will shut off Saco River harbor. Contact local harbormaster before deployment.

Work Assignment Deploy three 600' sections of boom in cascade fashion from end of Camp Ellis Pier at a maximum 20° angle past green can "7" into channel toward Hills Beach Breakwater.

Recommended Equipment / Resources

Length of Boom (feet) 1800 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)

- 5 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
- 1 - shoreside connections
- 1 - vacuum truck or skimmer and storage
- 2 - workboats with minimum 90 hp
- 2 - boat operators
- 4 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

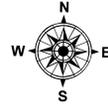
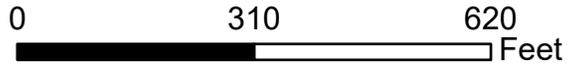
Last Desktop Validation: 11/8/2018

Last Field Visit: 5/27/2022

Last Field Test:

A-44-1

Goosefare Brook Old Orchard Beach, ME



Date printed: 9/10/2022 7:50 PM

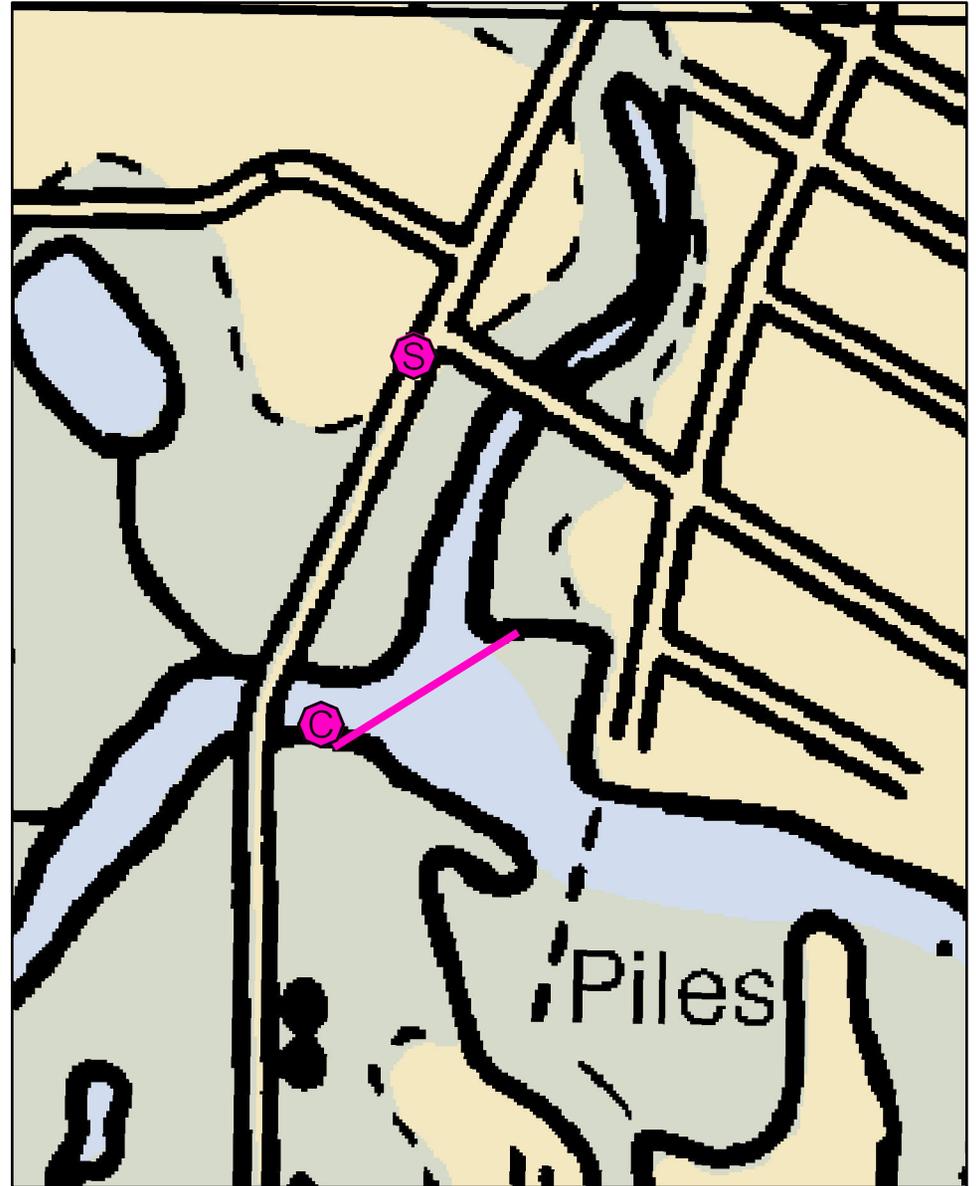


Legend

	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



ENDANGERED SPECIES MAY BE PRESENT - SEE NARRATIVE



A-44-1 Goosefare Brook

Town Old Orchard Beach, ME

Latitude 43° 29.789 N **Longitude** 70° 23.079 W

Approx. Tidal Range (feet) 9

Max Current (knots) **Flood** **Ebb**

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # 13287_1

ESI Map # 51A

EVI Map # 10

DeLorme Map # (2019) 3 C3

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)

ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Maine Endangered Species: Piping Plover and Least Tern nesting areas. Federal Threatened Species (Piping Plover). Contact US Fish & Wildlife Service in Wells (207-646-9226) and Maine Dept. of Inland Fisheries and Wildlife prior to deployment during spring and summer seasons. Salt marsh located upstream.

Archaeological Conflicts None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

Strategy Information

Strategy Purpose To divert oil from Goosefare Brook

Staging Areas Ocean Park by pumping station (204 W Grand Ave); New Salt Road

Site Access Interstate 95 Exit 36 to Route 195 east. Straight through intersection to Temple Ave and Rte. 9 east to New Salt Road. Closest address: 200 West Grand Ave., Old Orchard Beach

Nearest Boat Ramp Camp Ellis, Saco

Collection Points Saco side of inlet from sand beach

Special Instructions Traffic control a must. Workboats may not be necessary at high tide. May be unnecessary if river flow is strong.

Work Assignment Close tide gate at New Salt Road. Contact OOB Public Works: 934-2250 or Police Dept: 934-4911
Deploy 300 feet of boom from southerly side of bridge to northerly shore.
Recover oil from Saco side of inlet.

Recommended Equipment / Resources

Length of Boom (feet) 300

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - vacuum truck or skimmer and storage
1 - workboats with minimum 90 hp
1 - boat operators
2 - laborers

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

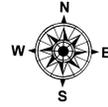
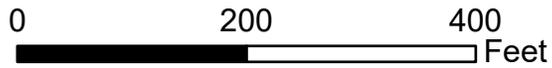
Last Desktop Validation: 11/8/2018

Last Field Visit: 5/27/2022

Last Field Test: 3/25/2010

A-BRWK

Berwick Water Treatment Plant Berwick, ME



Date printed: 9/11/2022 6:05 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



Downstream anchor point



Upstream anchor point



Midpoint anchor point



A-BRWK Berwick Water Treatment Plant

Town Berwick, ME

Latitude 43° 16.348' N **Longitude** -70° 52.583 W

Approx. Tidal Range (feet) N/A

Max Current (knots) Flood Ebb

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # N/A

ESI Map # N/A

EVI Map # N/A

DeLorme Map # (2019) 2 E2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type

Environmental Concerns Primary concern is protection of water intake for Town of Berwick

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Deflect and/or exclude oil from Town of Berwick water intake

Staging Areas Berwick Water Treatment Plant, 150 Rochester St., Berwick or from boat launch at Somersworth Water Treatment Plant, 9 Wells Street, Somersworth, NH

Site Access From boat launch at Somersworth Water Treatment Plant or from right-of-way across the street from Berwick Water Treatment Plant, 150 Rochester St., Berwick

Nearest Boat Ramp Somersworth Water Treatment Plant

Collection Points N/A. Do not collect oil in the vicinity of the intake.

Special Instructions Important to observe that oil is deflected / excluded properly. If boom does not stay in place as designed, preferable to let oil go by the intake than to let it entrain or collect near the intake. Boom is stored on site.
Should be placed in conjunction with boom at the Somersworth Water Treatment Plant intake approximately 1,500 feet downstream

Work Assignment Deploy 300 feet of boom starting well upstream of the water intake to deflect oil from Berwick side of river. Anchor at midpoint and to both shorelines with line.

Recommended Equipment / Resources

Length of Boom (feet) 300

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum) 1 - boat with operator and outboard
2 - laborers
Sufficient line for anchoring -- approx. 300 ft.

Unless otherwise indicated, the boom length given is the distance measured on the chart. Actual length required may vary with conditions.

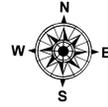
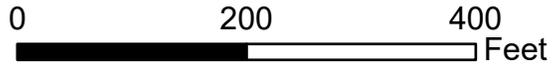
Last Desktop Validation: 6/14/2018

Last Field Visit

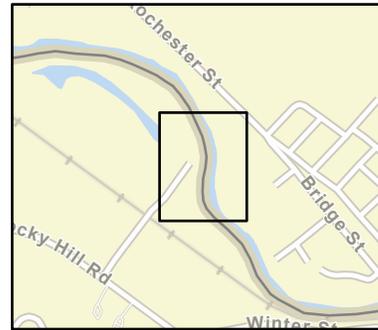
Last Field Test: 5/24/2018

A-SMRS

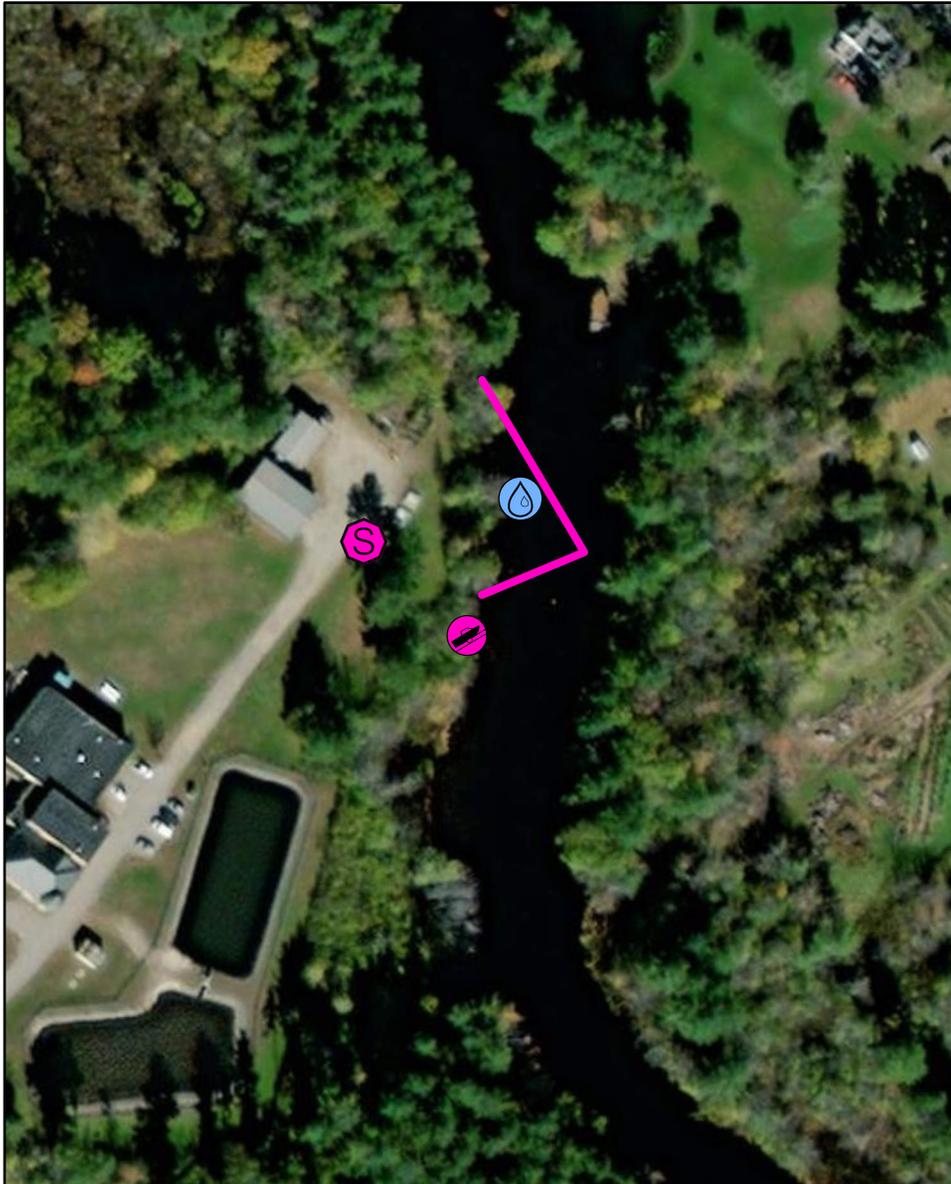
Somersworth Water Treatment Plant Somersworth, NH



Date printed: 9/11/2022 6:06 PM



Legend			
	Boat Launches		Staging Area
	Collection Point		Water Treatment Intake
	Permanent Mooring		Response Vessel
	Skimmer		Vacuum Truck



Downstream anchor point



Upstream anchor point



Midpoint anchor point
(large pines)



A-SMRS Somersworth Water Treatment Plant

Town Somersworth, NH

Latitude 43° 16.186' N **Longitude** -70° 52.371' W

Approx. Tidal Range (feet) N/A

Max Current (knots) **Flood** **Ebb**

Source

Port Region New Hampshire and Southern Maine

NOAA Chart # N/A

ESI Map # 55A

EVI Map # N/A

DeLorme Map # (2019) 2 E2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

ESI Secondary Shoreline Type

Environmental Concerns Primary concern is protection of water intake for City of Somersworth

Archaeological Conflicts ME: None noted. Contact MHPC at (207) 287-2132 if archaeological items are discovered.

NH: Contact NHDHR at (603)-271-3484

Strategy Information

Strategy Purpose Deflect and/or exclude oil from City of Somersworth water intake

Staging Areas Somersworth Water Treatment Plant, 9 Wells Street, Somersworth, NH

Site Access Same as staging area

Nearest Boat Ramp On site ramp for small boat. WTP has boat on site.

Collection Points N/A. Do not collect oil in the vicinity of the intake.

Special Instructions Important to observe that oil is deflected / excluded properly. If boom does not stay in place as designed, preferable to let oil go by the intake than to let it entrain or collect near the intake. Boom is stored on site.
Should be placed in conjunction with boom at the Berwick Water Treatment Plant intake approximately 1,500 feet upstream

Work Assignment Deploy 300 feet of boom starting well upstream of the water intake to deflect oil from Somersworth side of river. Anchor at midpoint and to both shorelines with line. Anchor midpoint to large pines on Berwick side of the river.

Recommended Equipment / Resources

Length of Boom (feet) 300

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum) 1 - boat with operator and outboard
2 - laborers
Sufficient line for anchoring -- approx. 300 ft.

Unless otherwise indicated, the boom length given is the distance measured on the chart.
Actual length required may vary with conditions.

Last Desktop Validation: 6/14/2018

Last Field Visit

Last Field Test: 5/24/2018