B-01-1

Scarborough River

Scarborough, ME

0 1,000 2,000 Feet

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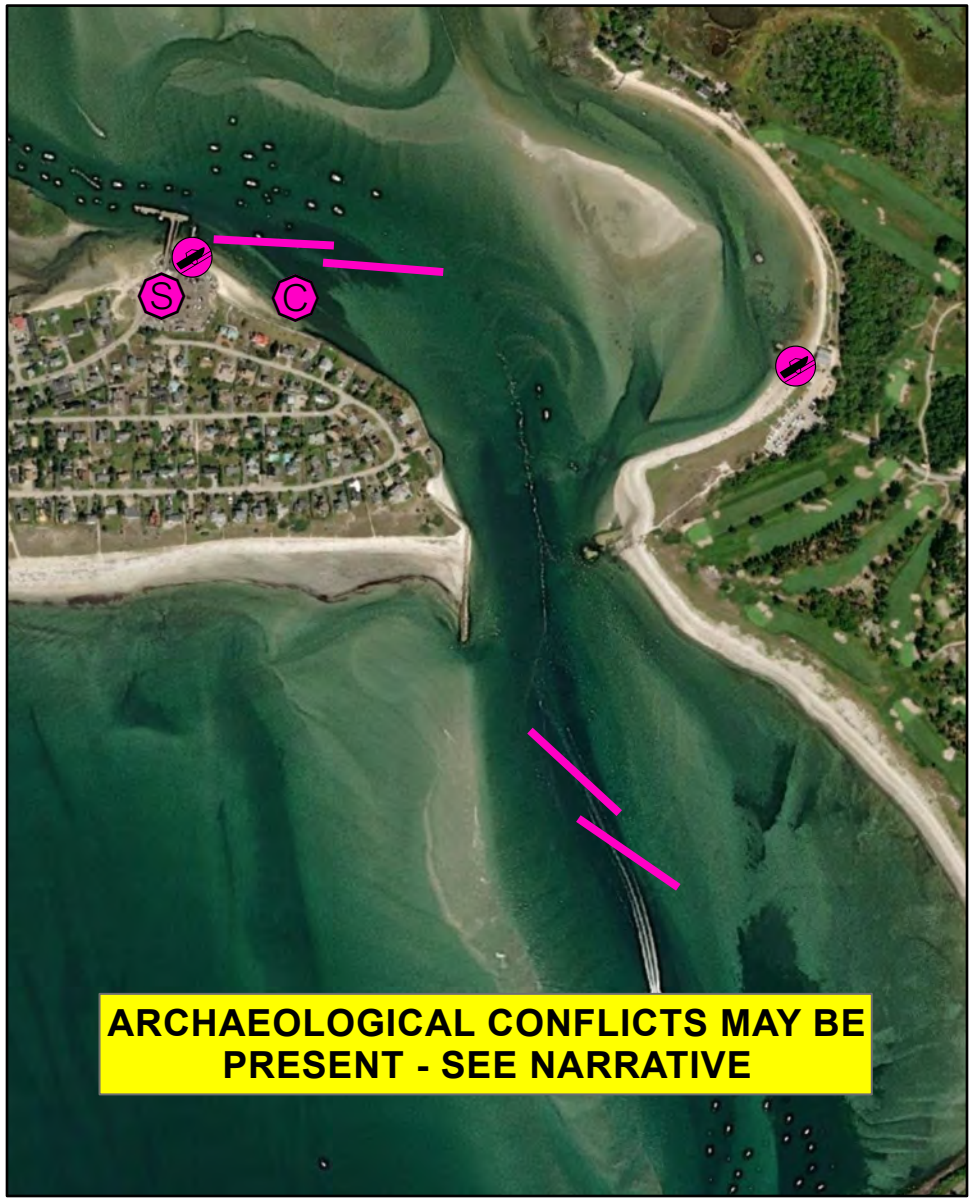
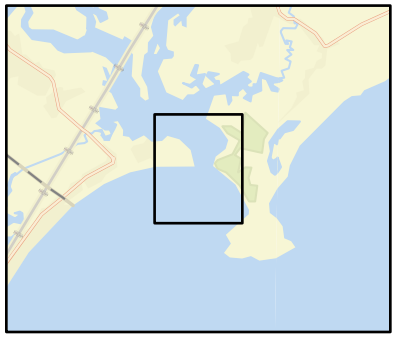
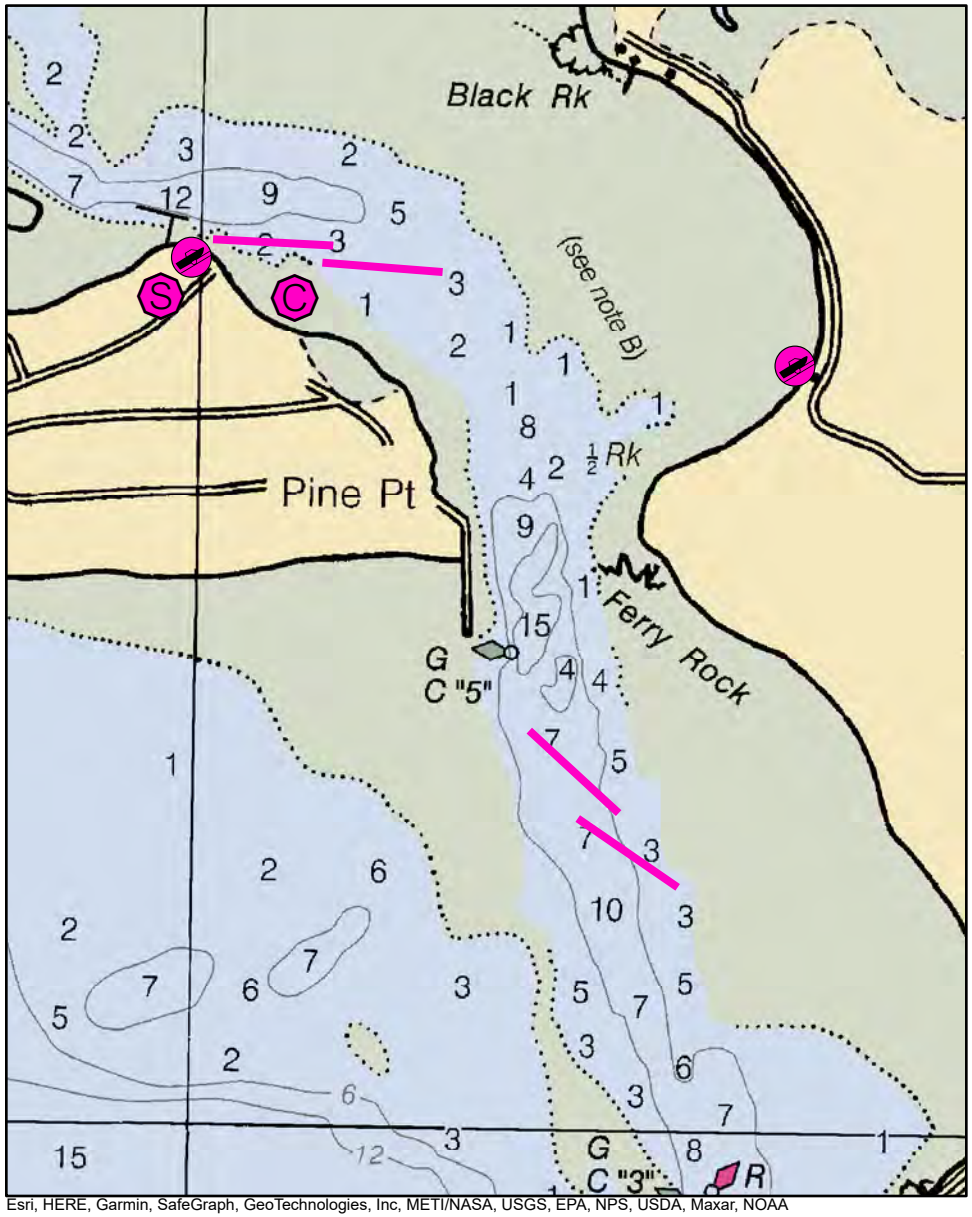




Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-01-1 Scarborough River

Town Scarborough
Latitude 43 32.481 N **Longitude** 70 19.656 W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1.1 **Ebb** 1.3
Source Measured

Port Region Casco Bay
NOAA Chart # 13287_1
ESI Map # 50D
EVI Map # 10
DeLorme Map # (2019) 3 B4

Resources At Risk

ESI Primary Shoreline Type Coarse-grained sand beaches (4)
ESI Secondary Shoreline Type Riprap (6B)

Environmental Concerns Scarborough marsh is the largest in the state, and extremely valuable wildlife habitat. The mouth of the river is nesting habitat for endangered piping plovers. Contact Maine Department of Inland Fisheries and Wildlife and U.S. Fish and Wildlife (877-645-2473). The river mouth is also wintering habitat for threatened Harlequin Ducks. Scarborough marsh is critical shorebird habitat with extensive shellfish beds and habitat for many species of special concern, including plants. Aquaculture sites. Sturgeon and striped bass. Recreational beaches.

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 Scarborough marsh.

Staging Areas Public boat launch parking lot at Pine Point (near 94-96 King St, Scarborough); Ferry Beach boat ramp (50 Ferry Rd, Scarborough)

Site Access Pine Point: from Rte. 1 Scarborough, take Rte. 9 to launch at Pine Point (Rte. 9/Pine Point Rd. becomes King St.; follow King St. to launch); Ferry Beach ramp: From Rte. 1 Scarborough, take Rte. 207 to Ferry Road; follow Ferry Rd. to launch

Nearest Boat Ramp Public boat launch at Pine Point (all-tide; near 94-96 King St., Scarborough); Ferry Beach boat ramp (part-tide; 50 Ferry Rd., Scarborough)

Collection Points Beach on southeasterly side of Pine Point (nearest address 37 Pillsbury Drive, Scarborough)

Special Instructions Extremely high priority for protection! Place secondary strategies in inner channels (See B-01-2)

No floats at ramps in winter.

Work Assignment Cascade two 300 foot lengths of boom in channel starting between Red Nun #4 and Green Can #5 in order to deflect oil to western side of channel. Place two additional 300 foot lengths of boom into channel at boat launch to bring oil into collection area at sand beach on southeast side of boat ramp.

Recommended Equipment / Resources

Length of Boom (feet) 1200
Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
7 - 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: 11/15/2018 **Last Field Visit** 10/4/2012 **Last Field Test:** 10/4/2012

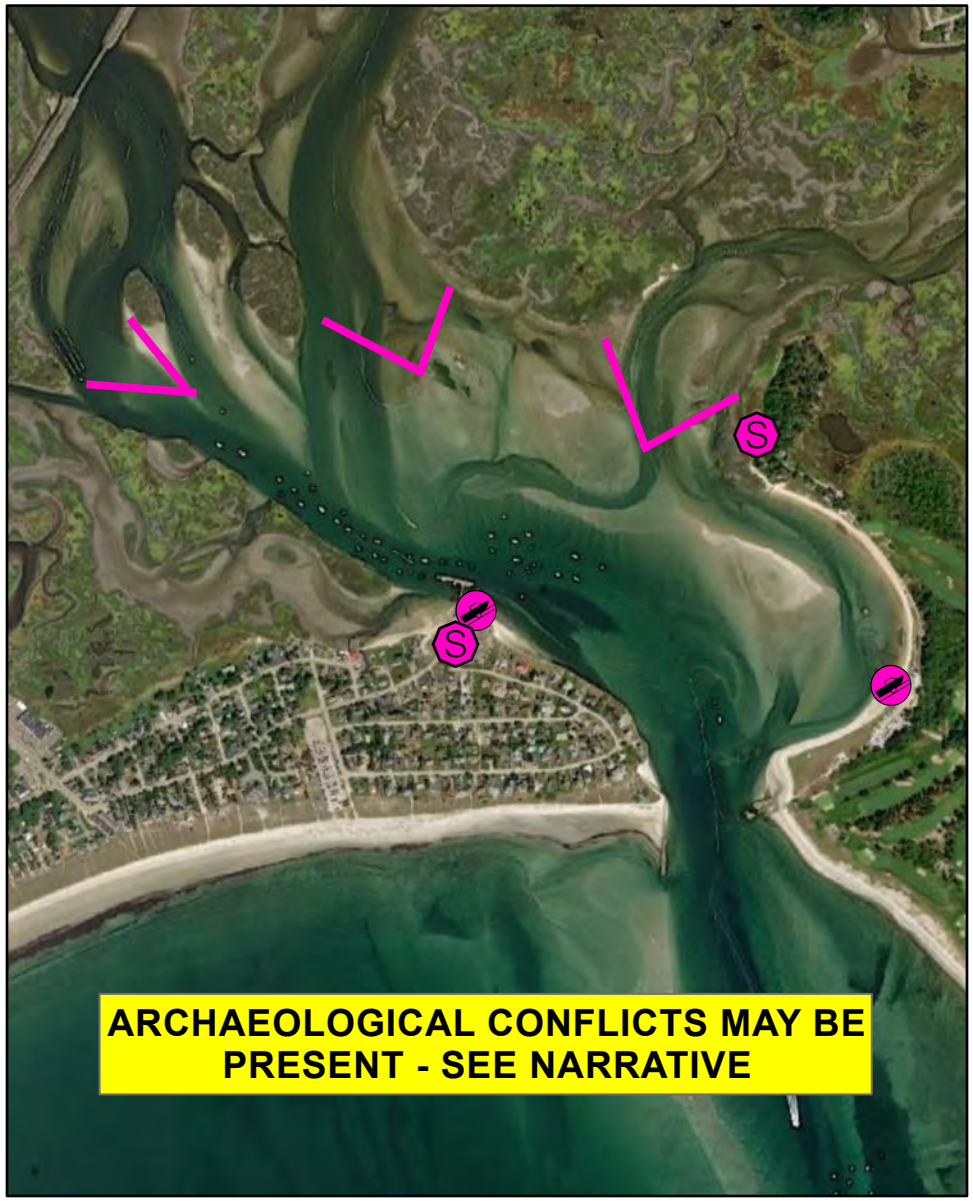
B-01-2

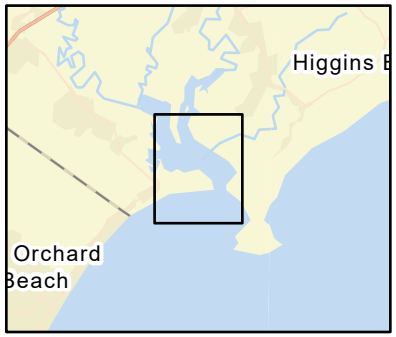
Scarborough River - Secondary strategies

Scarborough, ME

0 1,000 2,000 Feet

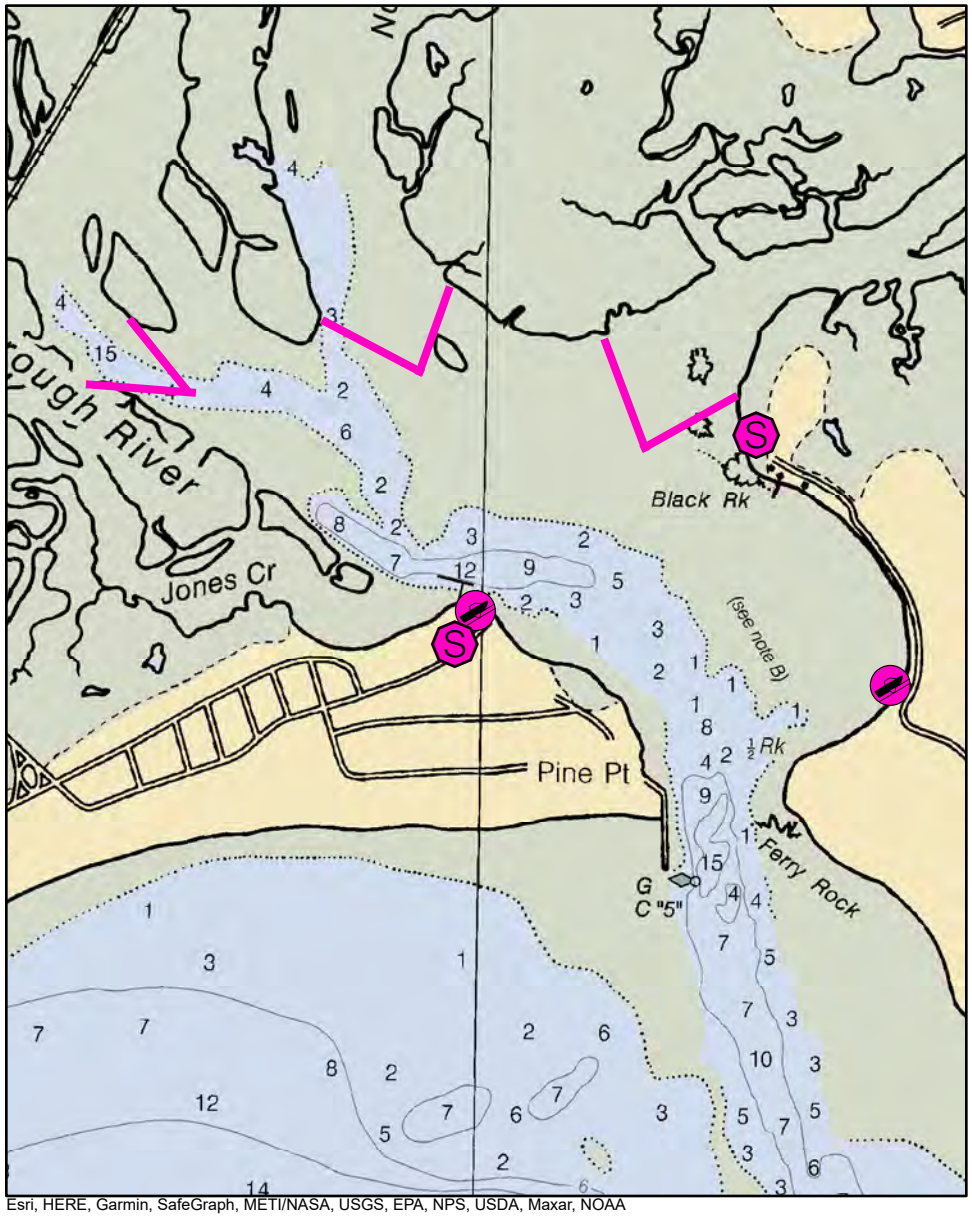
Date printed: 9/12/2022 10:06 AM





Legend

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



B-01-2 Scarborough River - Secondary strategies

Town Scarborough
Latitude 43 32.786 **Longitude** -70 20.152
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13287_1
ESI Map # 50D
EVI Map # 10
DeLorme Map # (2019) 3 B3

Resources At Risk

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

Environmental Concerns Scarborough marsh is the largest in the state, and extremely valuable wildlife habitat. The mouth of the river is nesting habitat for endangered piping plovers. Contact Maine Department of Inland Fisheries and Wildlife and U.S. Fish and Wildlife. The river mouth is also wintering habitat for threatened Harlequin Ducks. Scarborough marsh is critical shorebird habitat with extensive shellfish beds and habitat for many species of special concern, including plants. Aquaculture sites. Sturgeon and striped bass.

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 exclude oil from upper Scarborough marsh.

Staging Areas Public boat launch parking lot at Pine Point (near 94-96 King St, Scarborough); Ferry Beach boat ramp (50 Ferry Rd, Scarborough)

Site Access Pine Point: from Rte. 1 Scarborough, take Rte. 9 to launch at Pine Point (Rte. 9/Pine Point Rd. becomes King St.; follow King St. to launch); Ferry Beach ramp: From Rte. 1 Scarborough, take Rte. 207 to Ferry Road; follow Ferry Rd. to launch; possible access by foot from end of Ferry Road in Scarborough. Nearest address: 6 Blackrock Rd., Scarborough.

Nearest Boat Ramp Public boat launch at Pine Point (all-tide; near 94-96 King St., Scarborough); Ferry Beach boat ramp (part-tide; 50 Ferry Rd., Scarborough)

Collection Points N/A. Exclusion

Special Instructions Upon receiving notice of a spill in this area there is a Clapper Valve in the Route 9 culvert at Pine Point Road. This has to be closed. In order to close it the Dept. of Inland Fish & Wildlife has to be called (657-2345) Monday-Friday 8:00 a.m. - 5:00 p.m. or via oil spill biologist at 200-1252 after hours.

No floats at ramps in winter.

Work Assignment These are secondary strategies meant to keep product in lower Scarborough River. See B-01-1 for primary strategy. Unknown how achievable these are even at high water but secondary strategies are highly recommended if at all possible. A. Scarborough River: Southeast side of railroad tracks. From Scarborough River bank to nearest Island. Two 600' legs used in apex exclusion form. B. Nonesuch River: Two 700' legs used in apex exclusion form. Bank-to-bank at river's entrance. C. Libby River: Libby River inlet to be protected with two 700' legs of boom in apex exclusion form. If intertidal boom is not available, attempt with available containment boom.

Recommended Equipment / Resources

Length of Boom (feet) 4000 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
12 - anchor systems: 22 lb. Fortress or equivalent
2 - workboats
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: 11/15/2018 **Last Field Visit** **Last Field Test:**

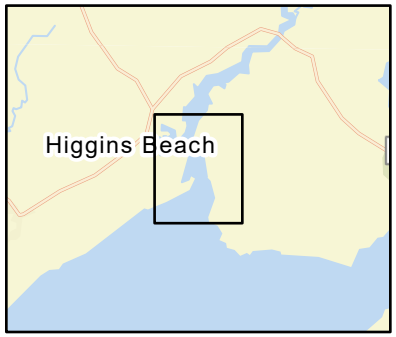
B-02-1

Spurwink River

Scarborough / Cape Elizabeth, ME

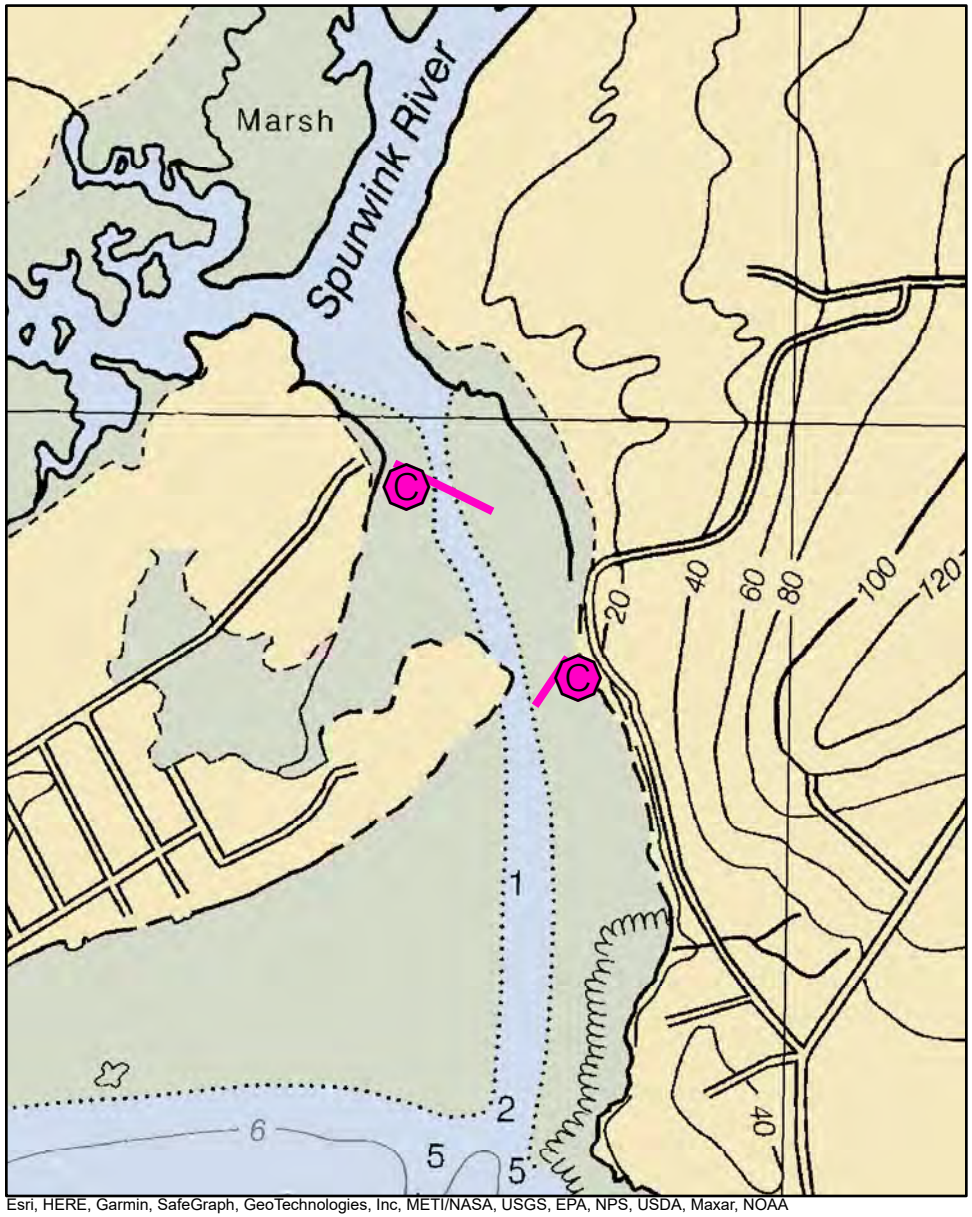
0 1,000 2,000 Feet

Date printed: 9/11/2022 6:57 AM



Legend

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



B-02-1 Spurwink River

Town Scarborough / Cape Elizabeth
Latitude 43° 33.702' N **Longitude** -70° 15.972' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1 -2 knots **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 50D
EVI Map # 11
DeLorme Map # (2019) 3 B4

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)
ESI Secondary Shoreline Type Fine to medium-grained sand beach (3A)

Environmental Concerns Piping plover nesting area at river mouth. Harlequin duck wintering area near mouth. Extensive salt marshes upriver. Shorebird habitat, diadromous fish run, shellfish beds

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

Strategy Information

Strategy Purpose Deflect oil from upper Spurwink River

Staging Areas Kettle Cove, Cape Elizabeth. Parking area at Crescent Beach State Park

Site Access East side: 21 Lower Road, Cape Elizabeth
West side: 17 Harmons Island

Nearest Boat Ramp Kettle Cove, Ocean House Road, Cape Elizabeth. Exposed transit around Richmond Island. Consider trailering boom to site access areas.

Collection Points Western end of Higgins Beach, possibly from Harmons Is Road, Scarborough

Special Instructions Shallow water and surf conditions

Work Assignment Deploy 250' of boom from Higgins Beach to Lower Road in Cape Elizabeth. Secondary strategy: deploy 450' of boom from Harmons Is Road across channel.

Nearest addresses: 21 Lower Road, Cape Elizabeth, 17 Harmons Island Rd, Scarborough

Recommended Equipment / Resources

Length of Boom (feet) Primary: 250, Secondary 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 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: 11/15/2018 **Last Field Visit** **Last Field Test:**

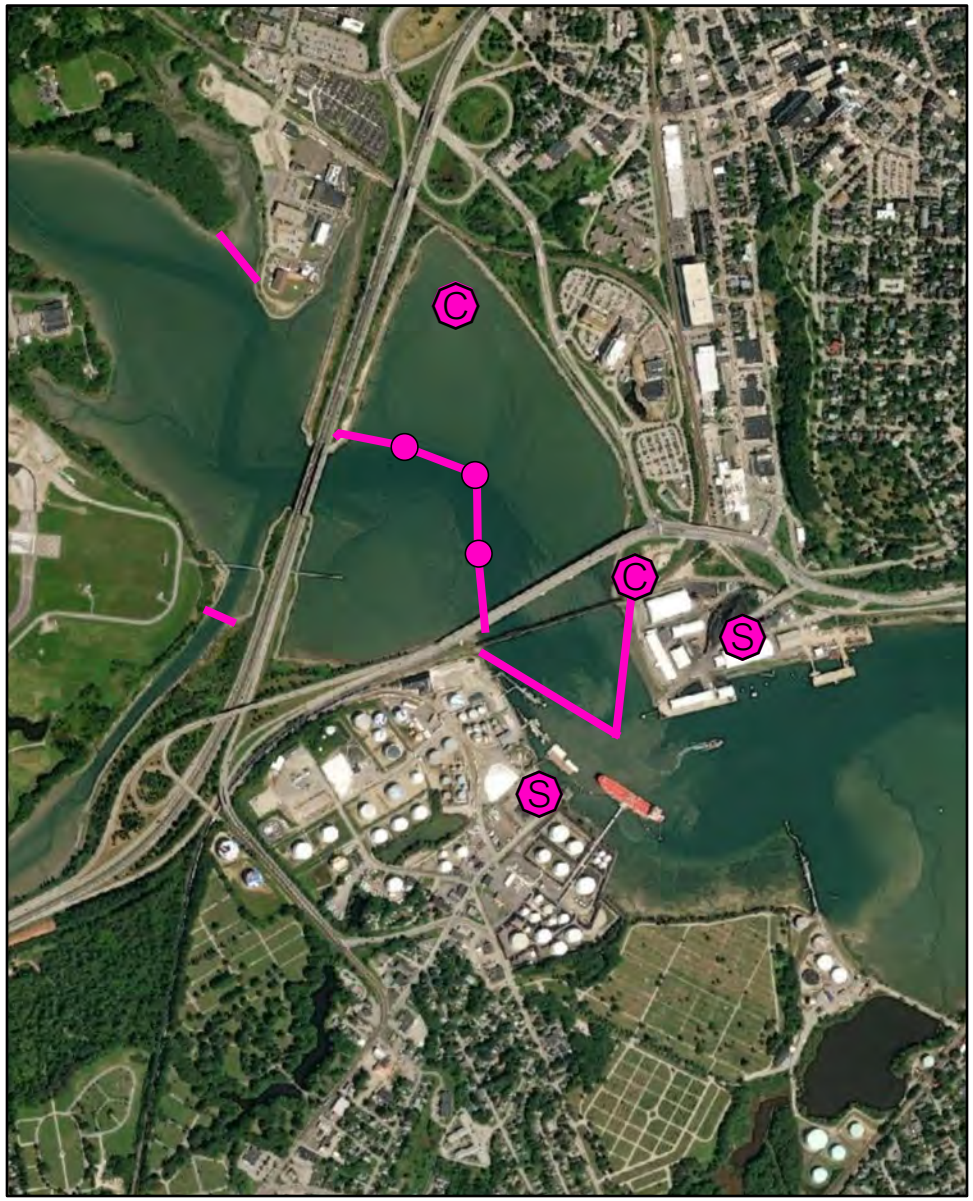
B-03-1

Fore River

Portland / South Portland, ME

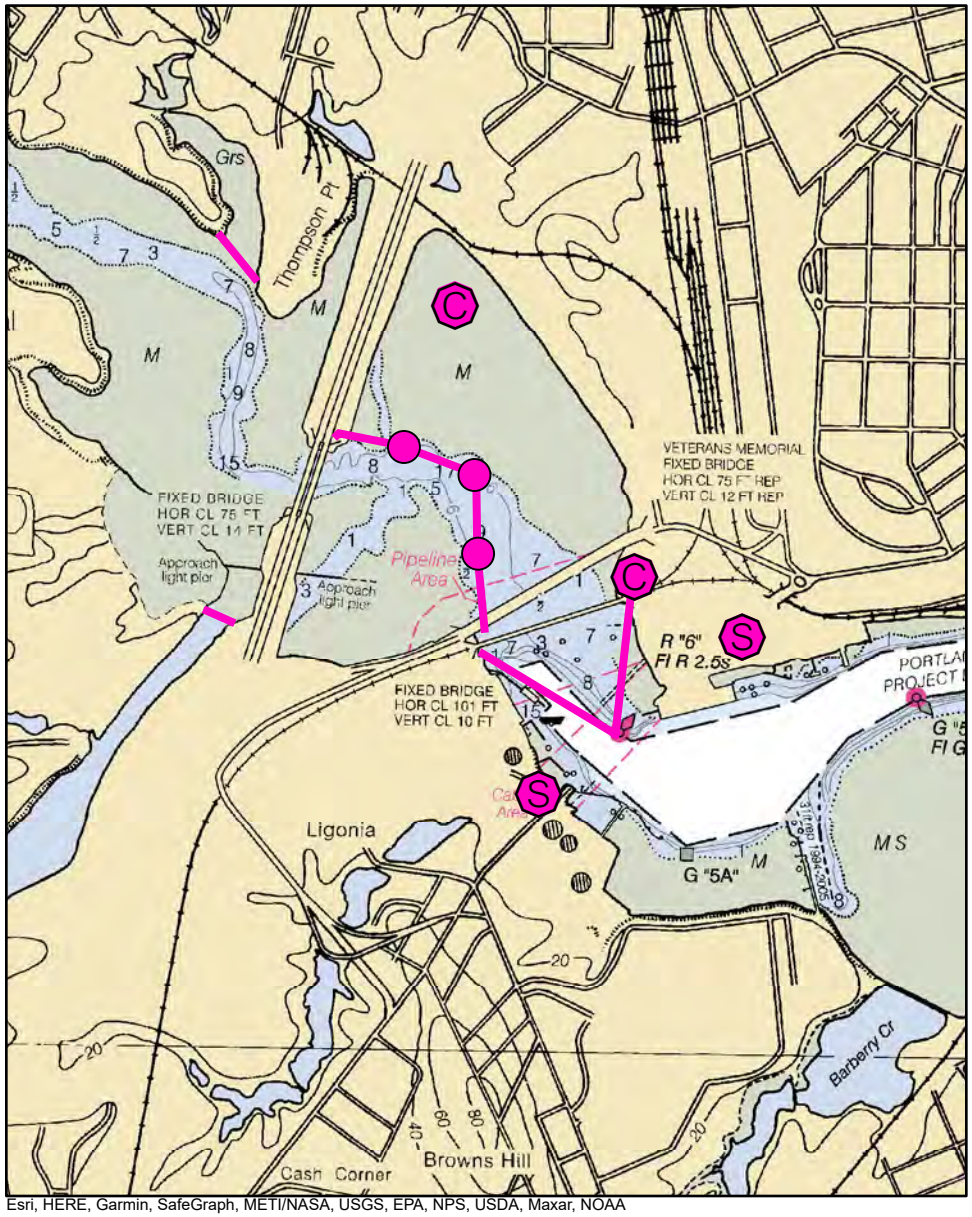
0 1,870 3,740 Feet

Date printed: 9/11/2022 6:57 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-03-1 Fore River

Town South Portland / Portland
Latitude 43° 38.633' N **Longitude** -70° 17.191' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1.1 **Ebb**
Source Measured

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 50B
EVI Map # 12, 11
DeLorme Map # (2019) 3 A4

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns High value shorebird habitat. Diadromous fish. Upper Stroudwater has sensitive habitat and salt marsh.

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

Strategy Information

Strategy Purpose To divert oil from upper Fore and Stroudwater Rivers

Staging Areas Sprague Energy Terminal (both sides of river). Boom for 2,400 foot section between bridges and permanent moorings is in a trailer at the Sprague Terminal on the South Portland side of the river.

Site Access Same as staging areas. Sprague Energy Terminal on South Portland side is at 27 Main Street. Portland side is 92 Cassidy Point Drive.

Nearest Boat Ramp City of South Portland boat ramp, Bug Light Park, Madison St., South Portland

Collection Points Sprague Energy oil terminal dock on South Portland side; natural collection area between Veteran's Memorial Bridge and railroad trestle on Portland side. Area is used for snow dump by City of Portland.

Special Instructions Small channel and exposed flats at low tide. Low bridge clearance at the Veterans Memorial Bridge at high tide.

Work Assignment Approx. 800' of boom extending from the west side of the Veterans Memorial Bridge southeast toward the center of the channel. Approx. 800' of boom extending from Sprague Energy Portland Terminal boat ramp area south/southeast to the middle of the channel to form an overlapping apex configuration with the other boom section. Deploy 2,400' of boom in four 600' sections from the 295 bridge to Veteran's Memorial Bridge to direct oil toward collection area east of the boom. Secure upriver section between northern shore of 295 bridge & upper permanent mooring. Secure 2nd section between upper & middle permanent mooring buoys. Secure 3rd section between middle & lower permanent mooring buoys. Secure down river section between lower permanent mooring buoy & western most abutment of Veteran's Memorial Bridge. Deploy 450' of boom across entrance of Thompson Point Marsh. Deploy 250' of boom across entrance to Long Creek.

Recommended Equipment / Resources

Length of Boom (feet) 4700

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

Boom for use between permanent moorings is stored in trailer at Sprague Energy Terminal, South Portland

1 - anchor system: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
4 - shoreside connections
1 - 2 vacuum trucks or 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: 11/15/2018 **Last Field Visit** **Last Field Test:** 6/7/2017

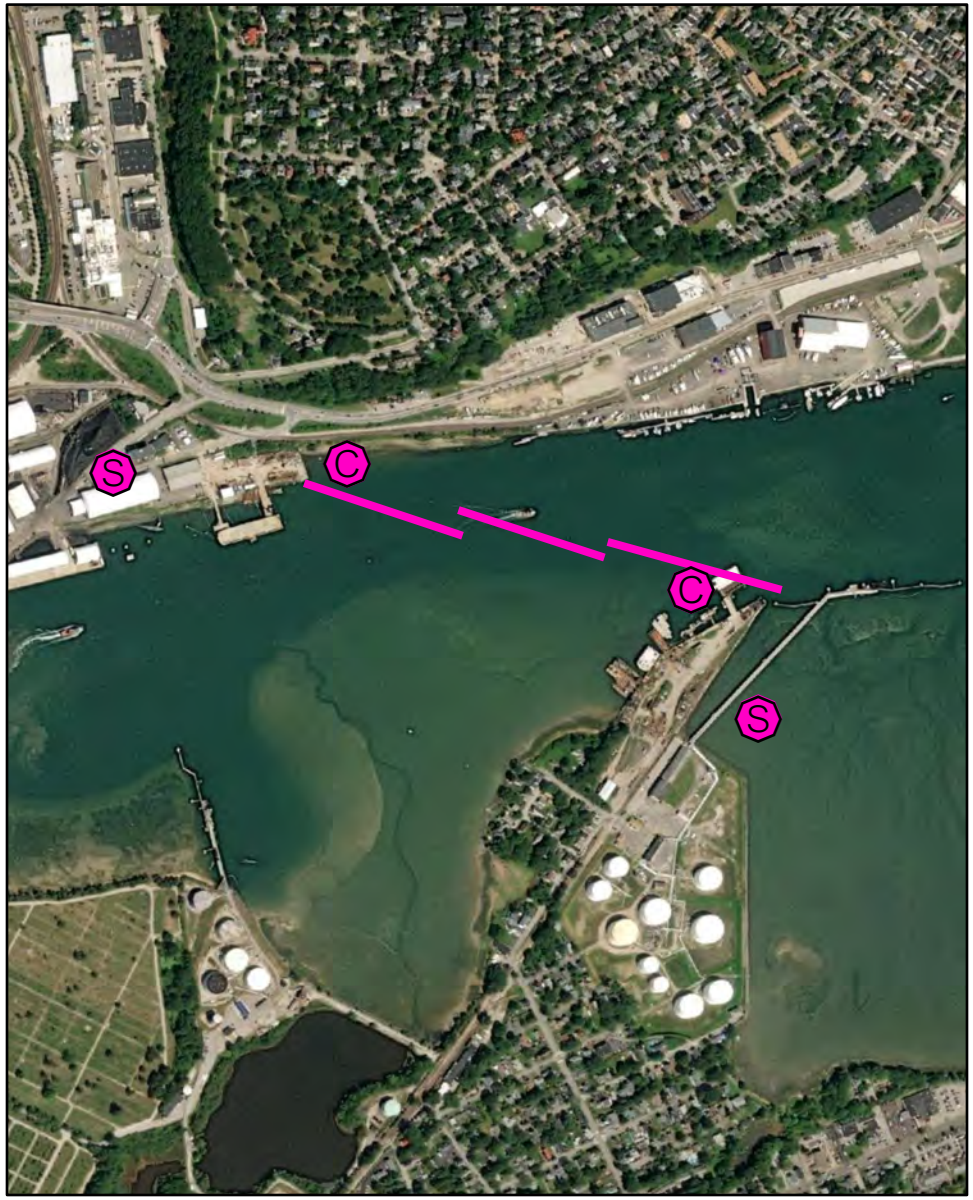
B-03-2

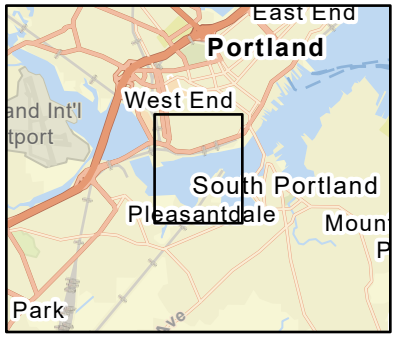
Fore River at Turners Island

Portland / South Portland, ME

0 1,000 2,000 Feet

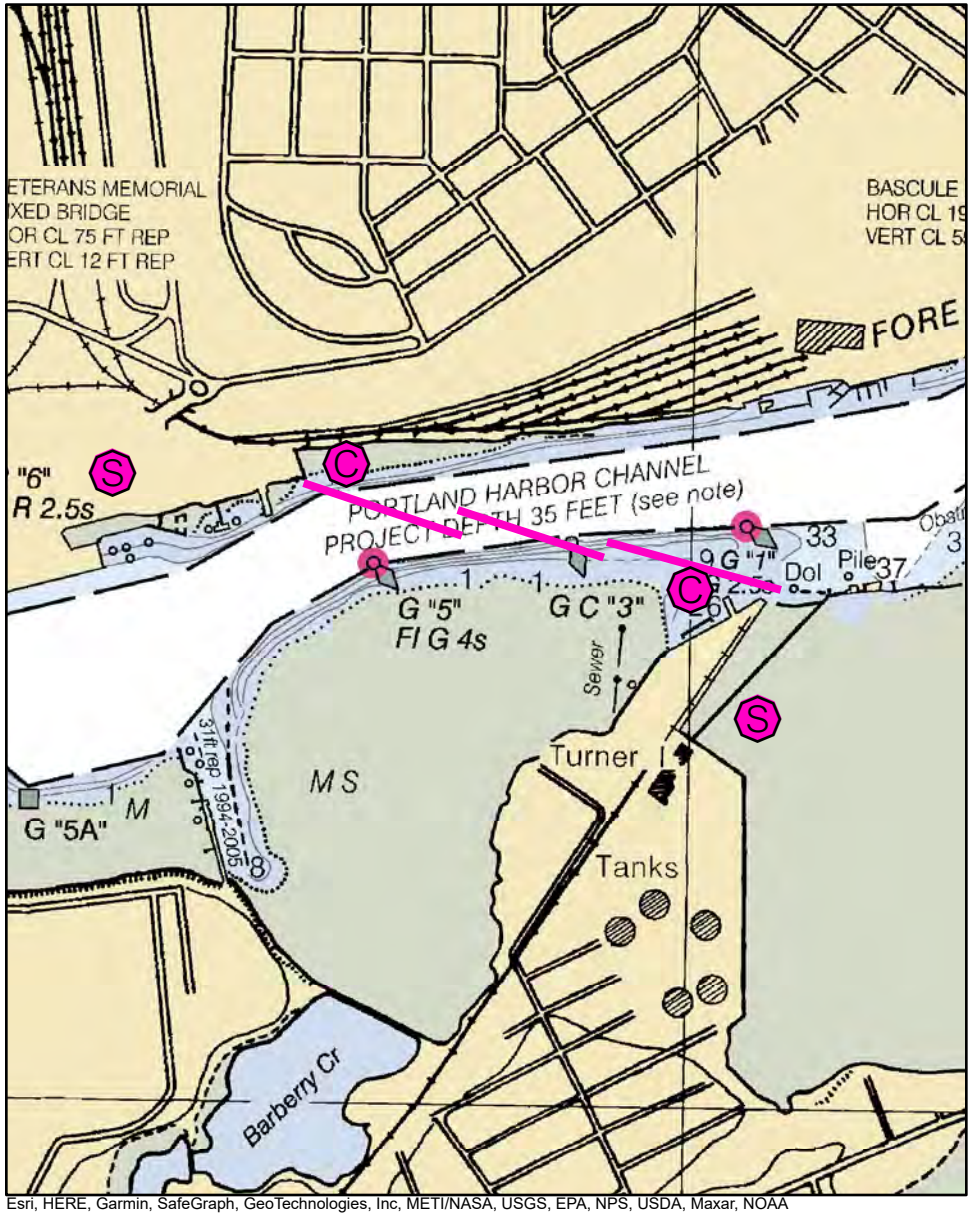
Date printed: 9/11/2022 6:56 AM





Legend

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



B-03-2 Fore River at Turners Island

Town Portland / South Portland
Latitude 43° 38.501 N **Longitude** 70° 16.203 W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 0.3 **Ebb** 0.7 kts
Source Measured

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 50B
EVI Map # 12, 11
DeLorme Map # (2019) 3 A4

Resources At Risk

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

Environmental Concerns Mudflats, shorebird areas and diadromous fish runs. Saltmarsh in upper portion of river, Thompson Point and Long Creek.

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

Strategy Information

Strategy Purpose To exclude oil from upper Fore and Stroudwater rivers.

Staging Areas Sprague Energy facility, Turners Island LLC or Clean Harbors yard

Site Access Same as staging areas

Nearest Boat Ramp City of South Portland boat ramp at Bug Light, Madison Street. DEP & Clean Harbors boats docked at Sprague Energy

Collection Points Turners Island LLC facility or Cianbro facility

Special Instructions

Work Assignment Use three 700 foot lengths of boom to span channel between Turners Island in South Portland and Cianbro facility at Cassidy Point Road in Portland. Strategy should work for ebb or flood.

Recommended Equipment / Resources

Length of Boom (feet) 2100 **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 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: 11/15/2018 **Last Field Visit** 6/8/2011 **Last Field Test:** 6/8/2011

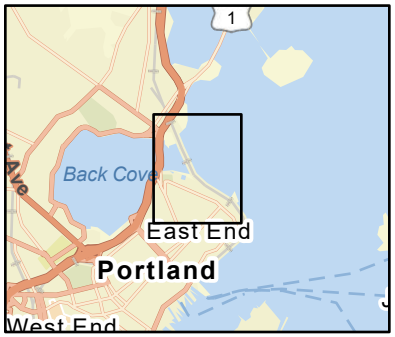
B-04-1

Back Cove

Portland, ME

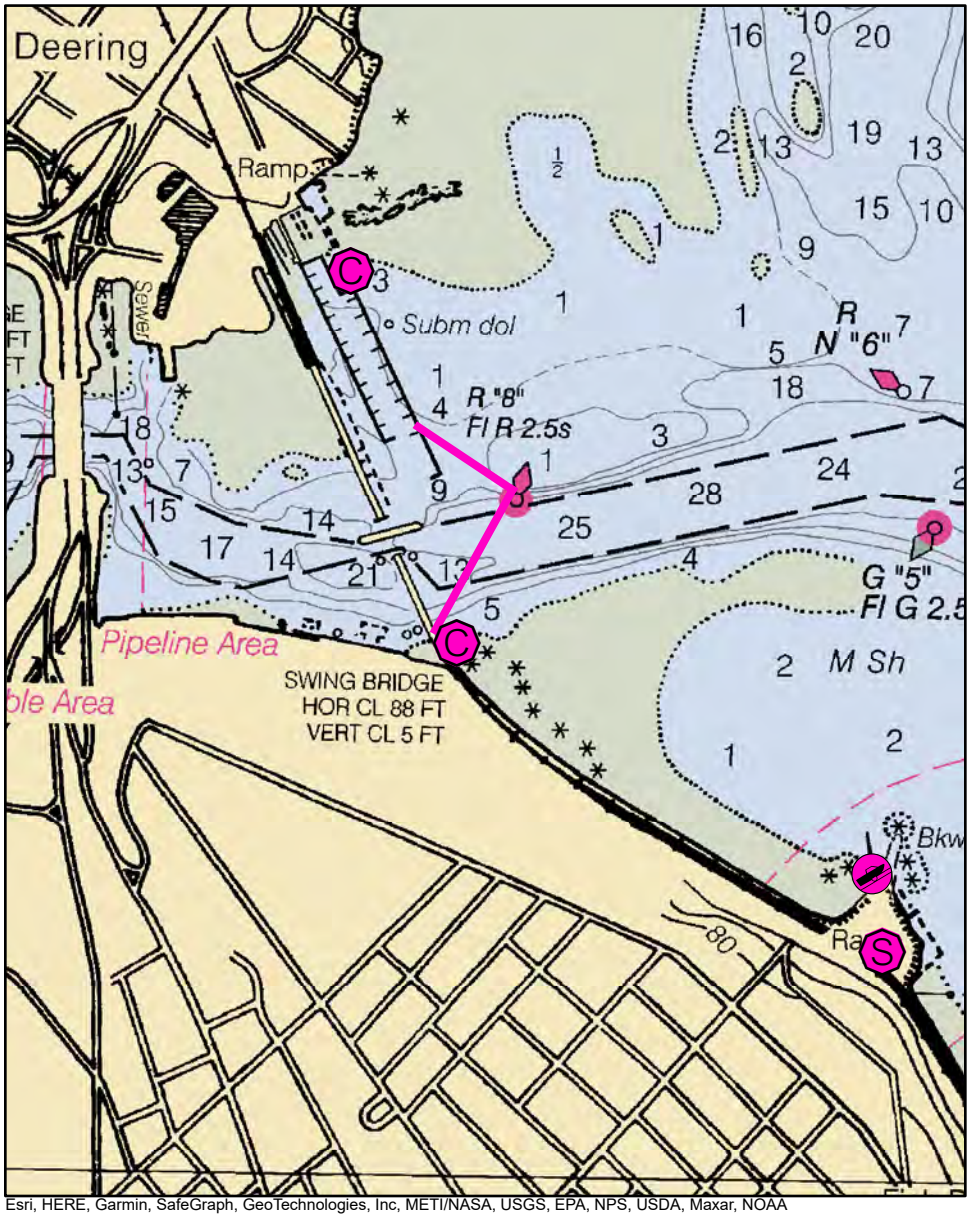
0 1,000 2,000 Feet

Date printed: 9/11/2022 7:12 AM



Legend

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



B-04-1 Back Cove

Town Portland
Latitude 43° 40.537' N **Longitude** 70° 14.918' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 0.7 **Ebb**
Source Measured

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 50B, 50A
EVI Map # 12
DeLorme Map # (2019) 5 E4

Resources At Risk

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

Environmental Concerns Highly vulnerable shorebird habitat and mudflats in Back Cove

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

Strategy Information

Strategy Purpose To divert oil from Back Cove

Staging Areas East End Beach, 145 Cutter Street

Site Access Launch boats and boom from East End Beach boat ramp. Collection from Maine Yacht Center (100 Kensington St.) and/or trail adjacent to railroad bridge (vehicle access possible when bollards at trail parking lot at East End Beach are removed)

Nearest Boat Ramp .25 miles - East End Beach

Collection Points Maine Yacht Center and/or trail from East End Beach parking lot. Vehicle can access trail once bollards are removed at East End.

Special Instructions Contact the City of Portland Parks & Recreation Dept. for permission to use East End Beach and ramp area. 756-8275

Work Assignment Use two 500' lengths of boom to close off Back Cove entrance. First piece from vicinity of Red Nun #8 southwesterly to shore adjacent to railroad bridge. Second piece from vicinity of Red Nun #8 northwesterly to Maine Yacht Center dock. Dock has a 14" cement skirt underneath that will act as boom.

Recommended Equipment / Resources

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

Recommended Equipment (Minimum)
1 - anchor system: 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: 11/15/2018 **Last Field Visit** 9/29/2011 **Last Field Test:** 9/29/2011

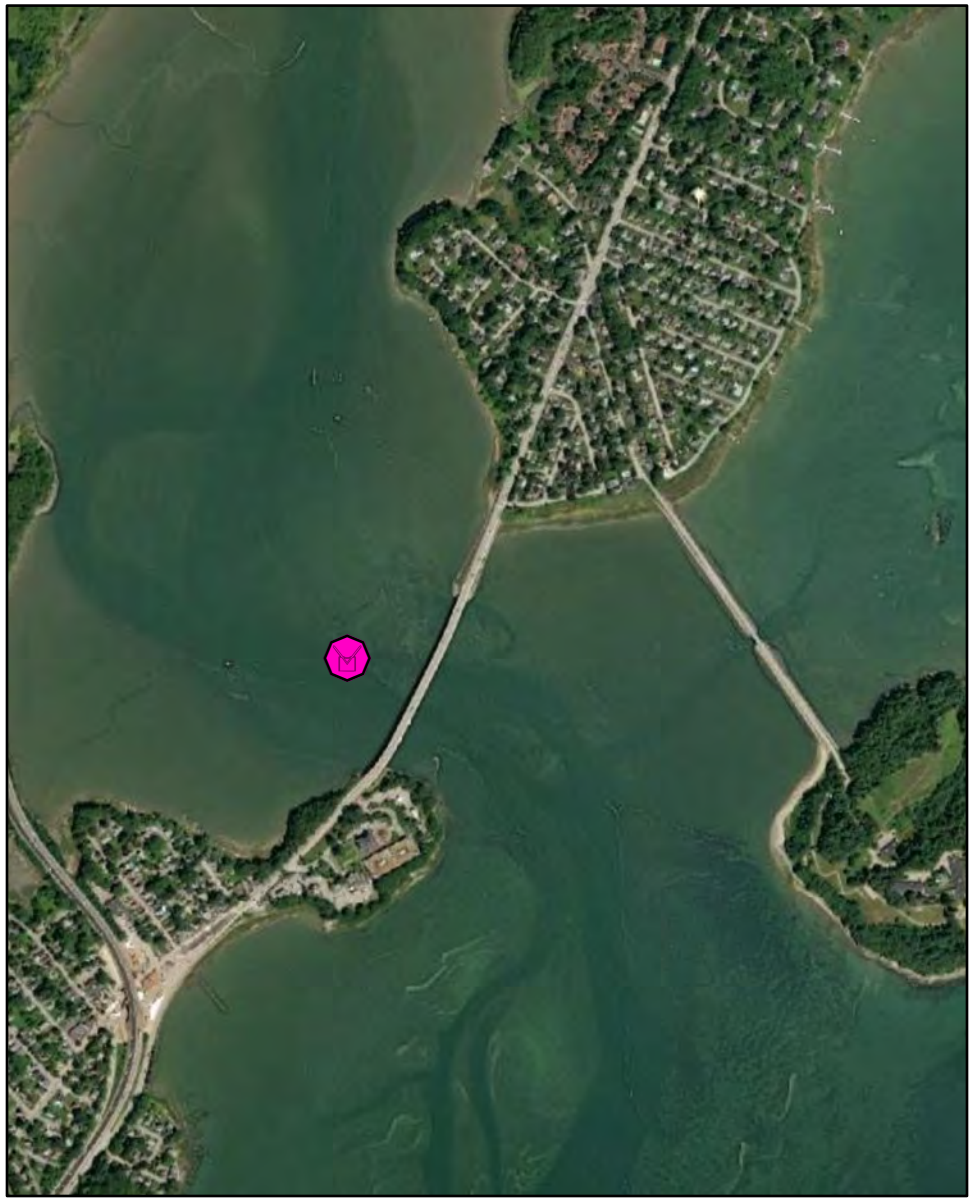
B-05-1

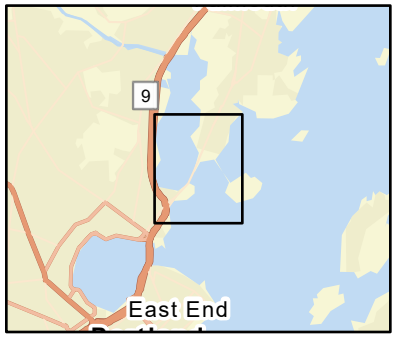
Presumpscot River

Portland / Falmouth, ME

0 1,000 2,000 Feet

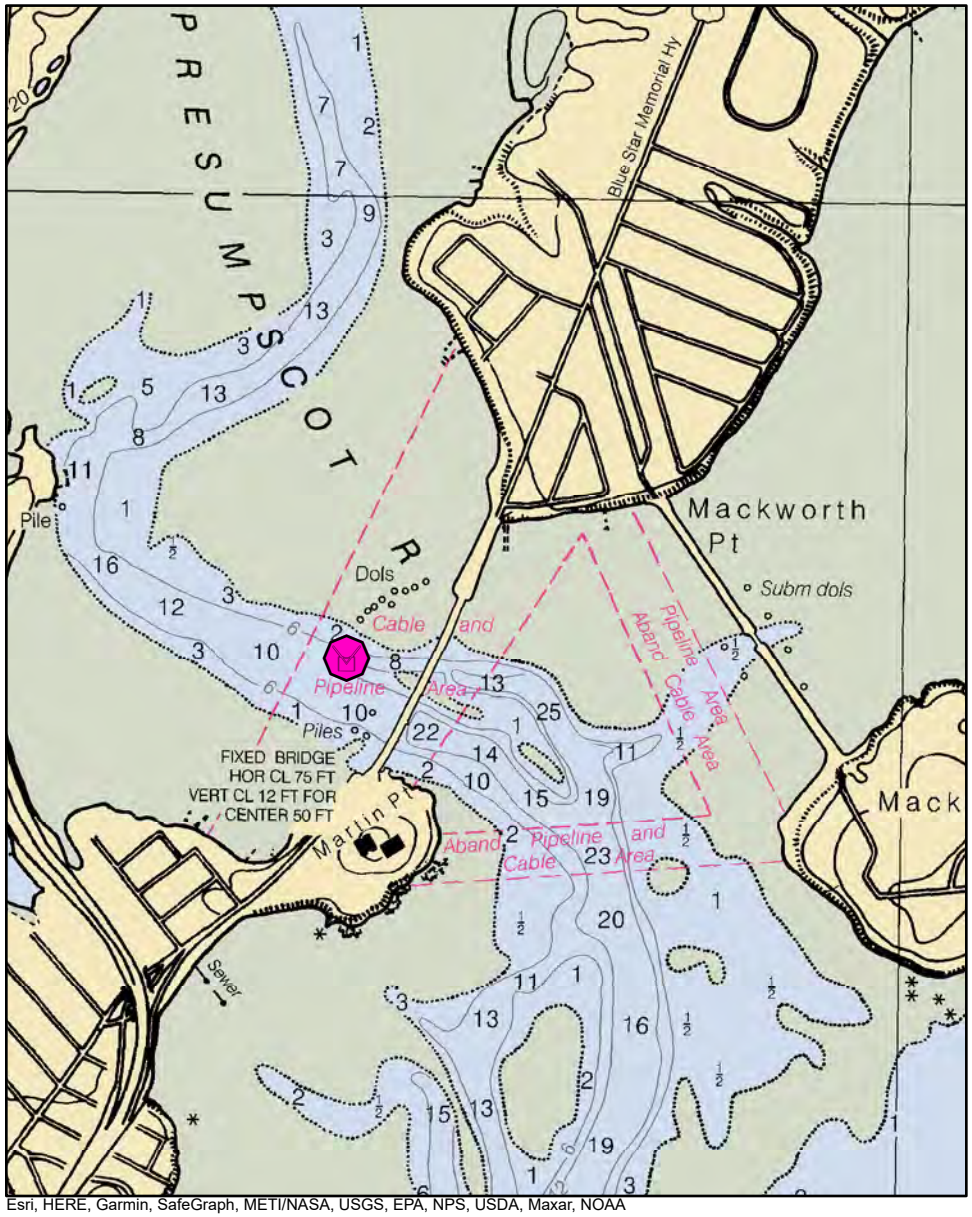
Date printed: 9/11/2022 7:12 AM





Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-05-1 Presumpscot River

Town Portland / Falmouth
Latitude **Longitude**
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** > 2 knots **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 48B, 50A, 50B
EVI Map # 12
DeLorme Map # (2019) 5 E5

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)
ESI Secondary Shoreline Type Salt- and brackish-water marshes (10A)

Environmental Concerns Large shorebird area, shellfish beds (seed harvested), diadromous fish runs, Least Bittern (endangered)

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

Strategy Information

Strategy Purpose To divert oil from upper Presumpscot River

Staging Areas East End Beach boat launch, Martin's Point (parking lot)

Site Access East End Beach, Martin's Point parking lot.

Nearest address: 59 Veranda St., Portland

Nearest Boat Ramp East End Beach boat ramp, 145 Cutter Street, Portland

Collection Points Mid-channel upstream of Route 1 bridge

Special Instructions Very shallow water and exposed mussel beds and clam flats at low tide. No navigational aids, channel difficult to find at certain tides. Booming has been unsuccessfully attempted many times east of the Route 1 bridge.

Work Assignment Deploy JBF skimmers or use open water skimming to collect oil from convergence zone mid-channel upstream of the Route 1 bridge.

Recommended Equipment / Resources

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

Recommended Equipment (Minimum)
JBF Skimmers or other vessel mounted skimmers.
Boom to direct oil to skimmer
Storage for recovered oil

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

Last Desktop Validation: 11/15/2018 **Last Field Visit** 6/29/2022 **Last Field Test:**

B-06-1

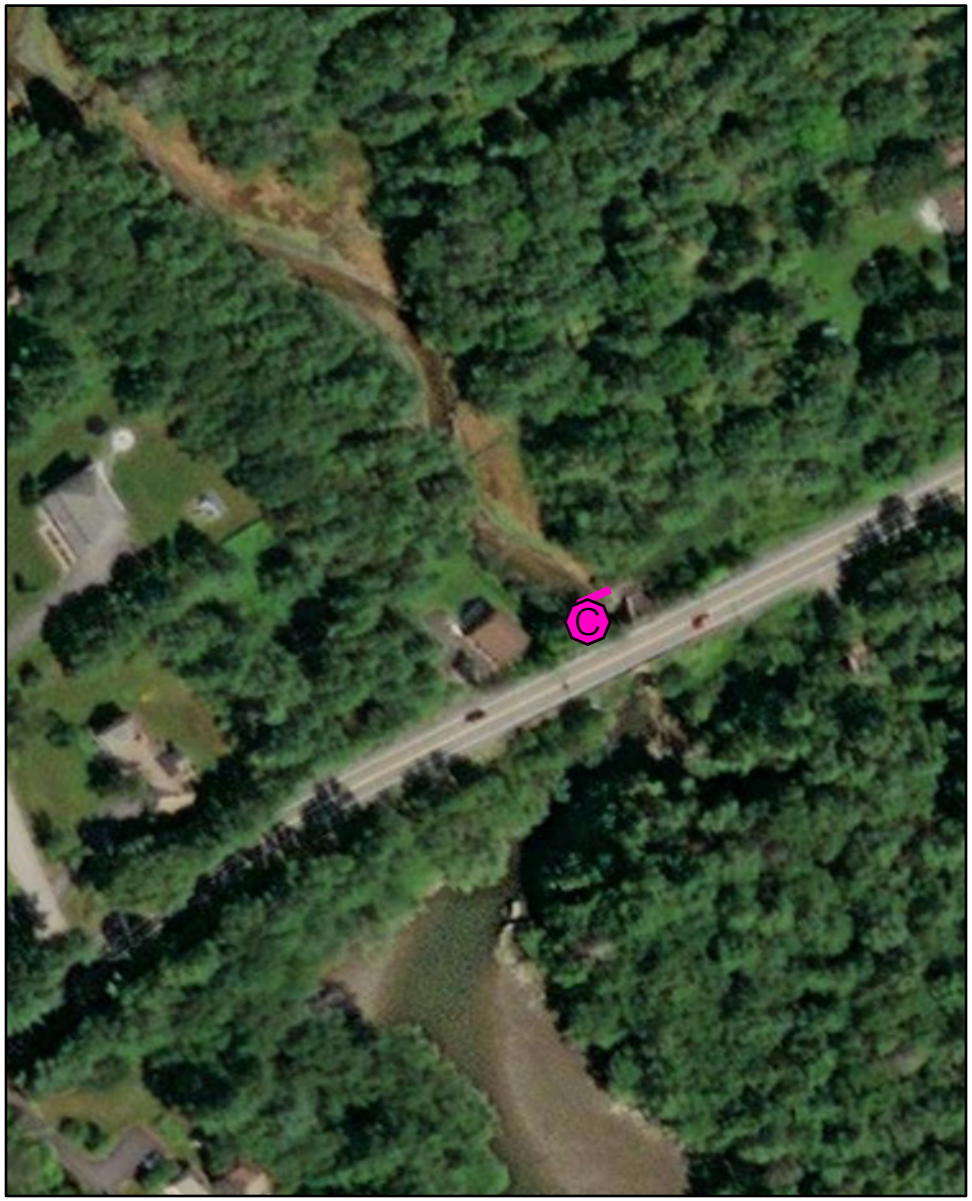
Mill Creek / Mussel Cove

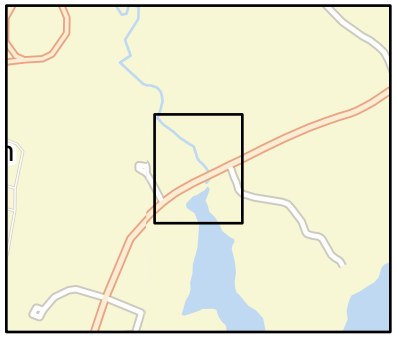
Falmouth, ME

0 200 400 Feet

N W E S

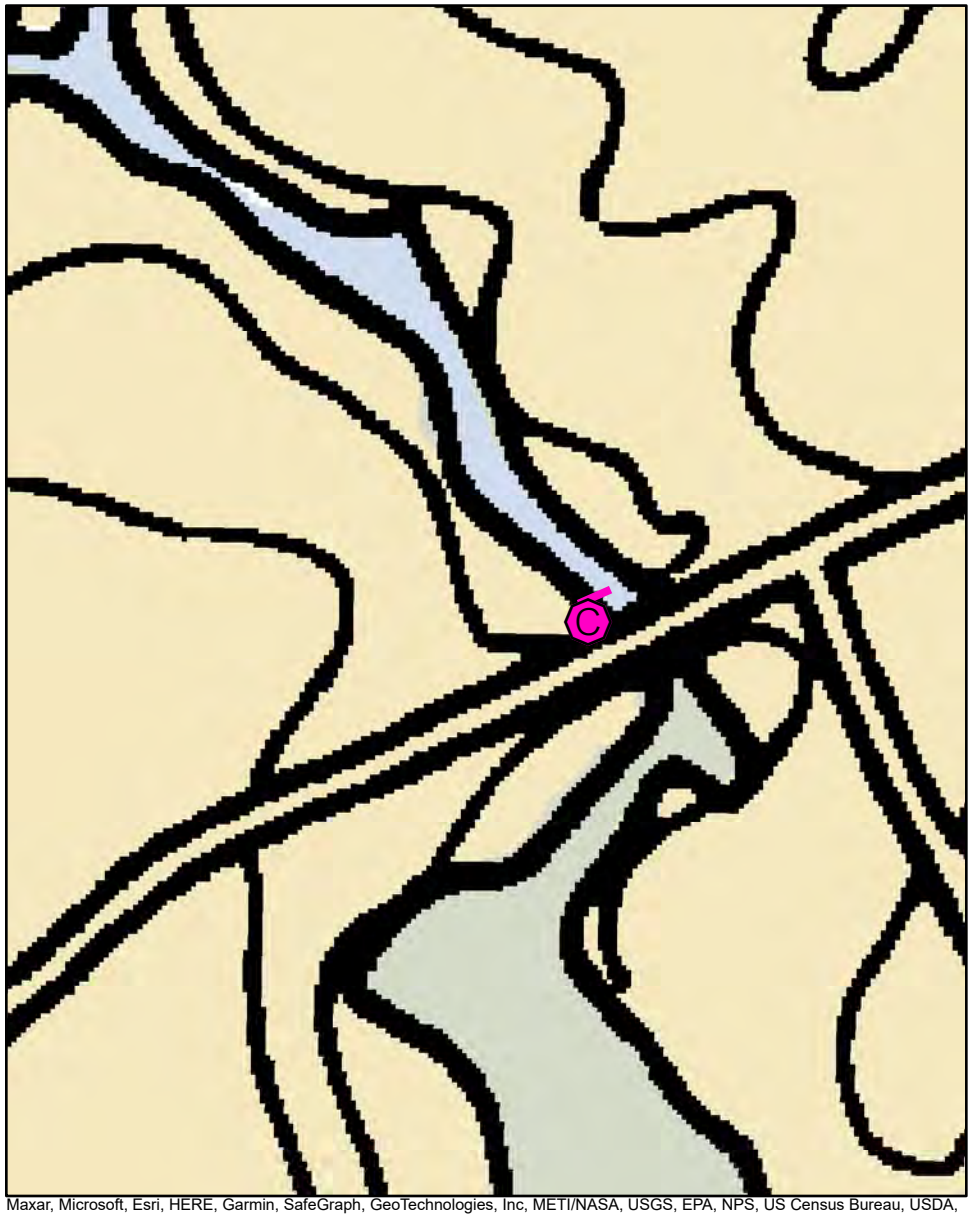
Date printed: 9/11/2022 7:12 AM





Legend

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



Maxar, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, NOAA

B-06-1 Mill Creek / Mussel Cove

Town Falmouth
Latitude 43° 43.511' N **Longitude** -70° 13.348' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 48B
EVI Map # 12
DeLorme Map # (2019) 5 E5

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type

Environmental Concerns Salt marsh upstream of culvert

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

Strategy Information

Strategy Purpose To divert oil from salt marsh upriver of Route 88

Staging Areas Route 88, Falmouth

Site Access From Route 88, Foreside Road

Nearest address: 144 Foreside Road, Falmouth

Nearest Boat Ramp N/A

Collection Points From road adjacent to bridge

Special Instructions

Work Assignment Deploy 250' of harbor boom across stream at culvert

Recommended Equipment / Resources

Length of Boom (feet) 250

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
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: 11/15/2018 **Last Field Visit** **Last Field Test:**

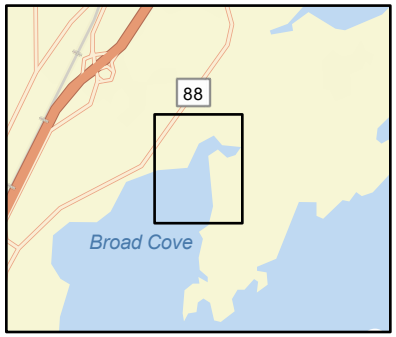
B-07-1

Broad Cove

Cumberland / Yarmouth, ME

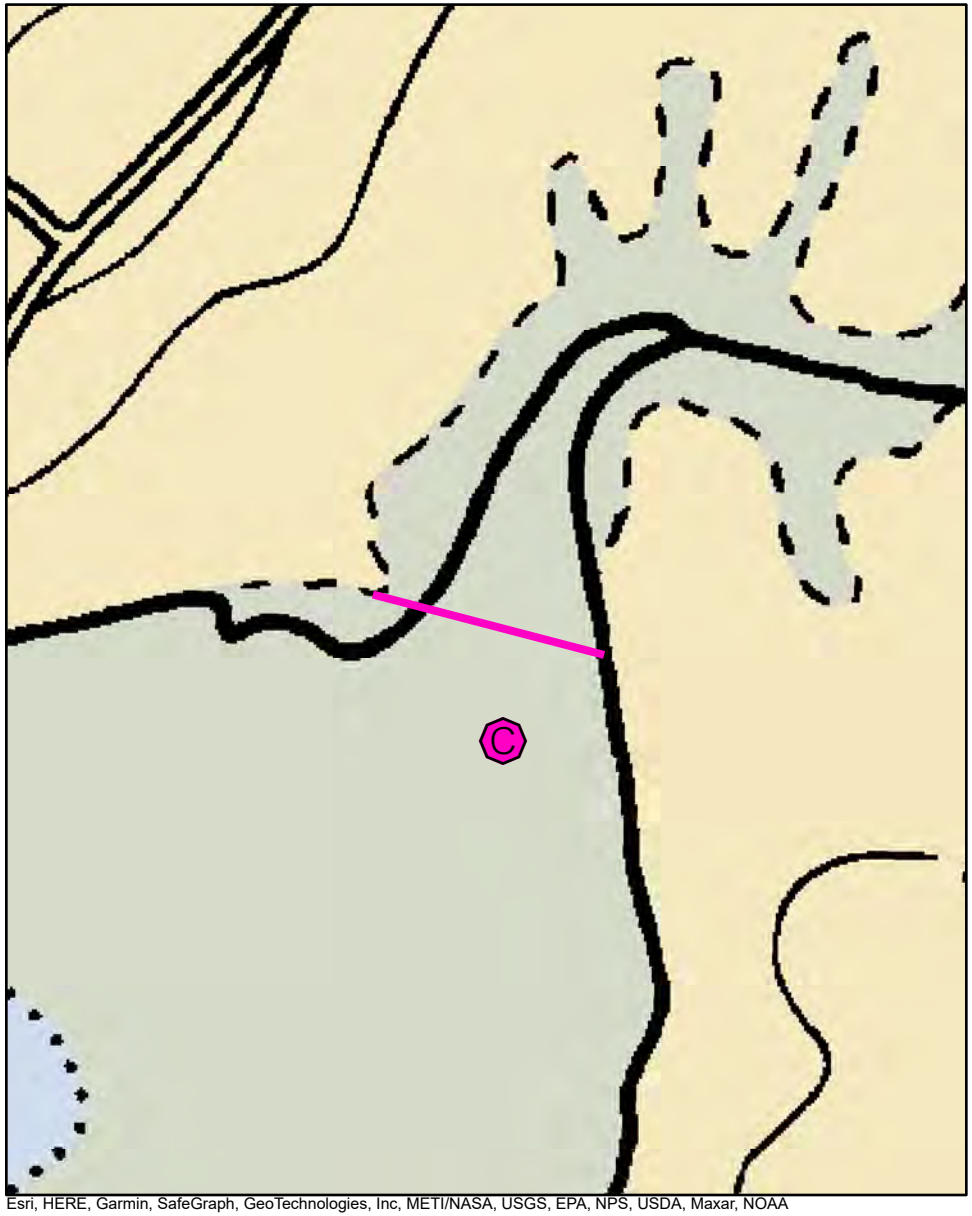
0 725 1,450 Feet

Date printed: 9/11/2022 6:56 AM



Legend

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



B-07-1 Broad Cove

Town Cumberland / Yarmouth
Latitude 43 45.323 N **Longitude** 70 11.044 W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < 1 knot **Ebb**
Source estimated

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47D, 48B
EVI Map # 13, 12
DeLorme Map # (2019) 5 D5

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Roseate tern historical nesting area (state and federal endangered species) just outside cove at "The Nubbin" . Contact Maine Dept. of Inland Fisheries and Wildlife: 877-645-2473. Upper Broad Cove also has salt marsh, tidal flats, shellfish areas, shorebird habitat, marine worms and eelgrass. Inshore is important horseshoe crab breeding area in early - mid summer

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

Strategy Information

Strategy Purpose To divert / exclude oil from upper Broad Cove

Staging Areas Falmouth Town Landing Boat Ramp. Sunset Point, old boat ramp at high tide (end of Sunset Point Road, Yarmouth).

Site Access Falmouth Town Landing Boat Ramp or Sunset Point, old boat ramp at high tide (end of Sunset Point Road, Yarmouth).

Nearest Boat Ramp 1 -2 Miles - Falmouth Town Landing Boat Ramp, Town Landing Road, Falmouth

Collection Points On water recovery if possible

Special Instructions Will need to be done at high water. Horseshoe crab breeding area May - July

Work Assignment Deploy 800 feet of containment boom as close as possible to upper area of cove as shown. If resources allow, place boom to protect inshore area, especially in early to mid-summer.

Recommended Equipment / Resources

Length of Boom (feet) 800
Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
1 - on water skimming system
1 - workboat 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** 8/27/2010 **Last Field Test:**

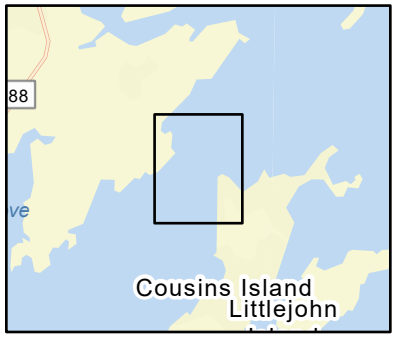
B-08-1

Cousins Island Causeway

Yarmouth, ME

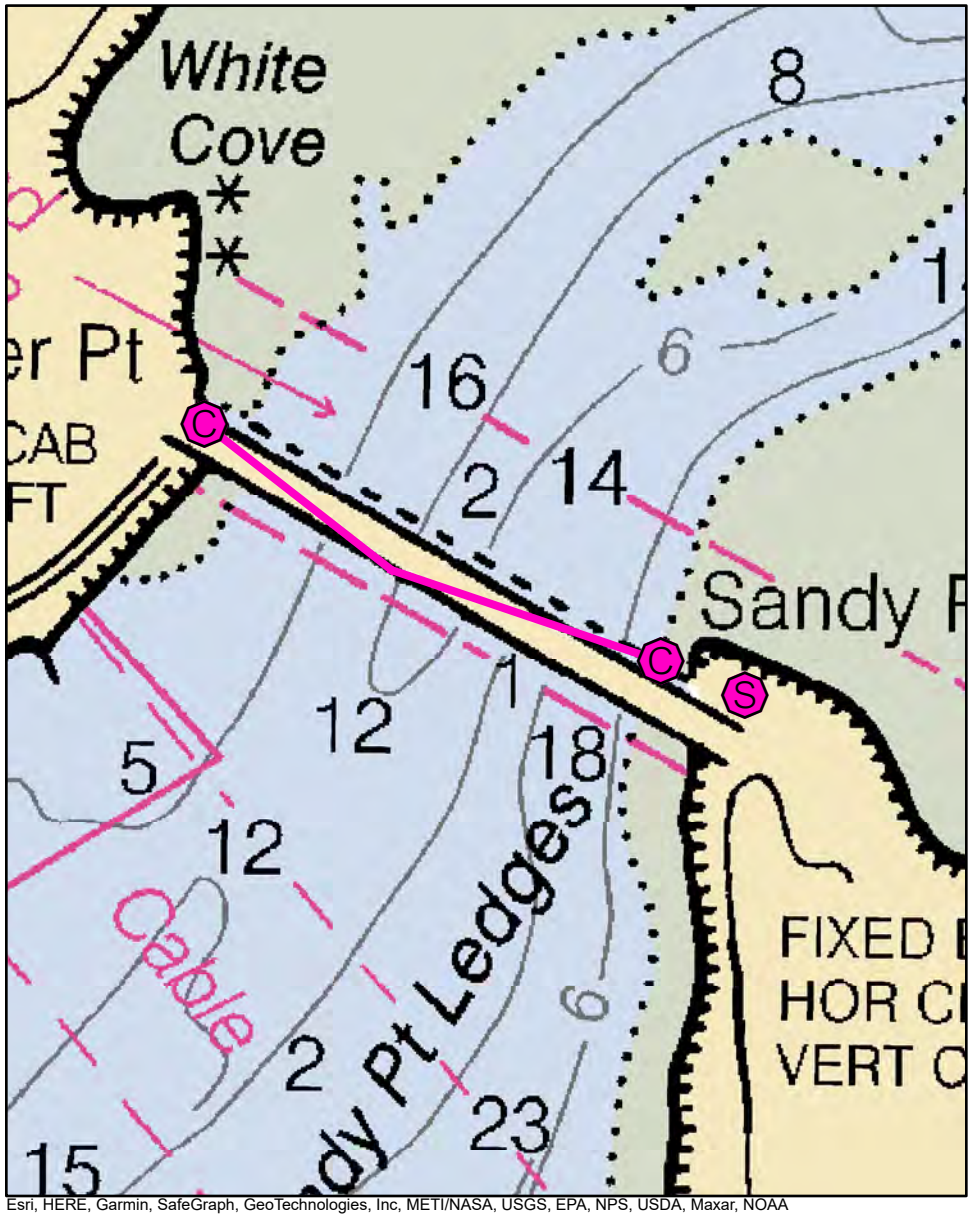
0 925 1,850 Feet

Date printed: 9/11/2022 6:56 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-08-1 Cousins Island Causeway

Town Yarmouth
Latitude 43° 46.466' N **Longitude** -70° 9.015' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < 1 kt **Ebb** < 1 kt
Source Measured

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47D
EVI Map # 13
DeLorme Map # (2019) 6 D1

Resources At Risk

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

Environmental Concerns Eelgrass, horseshoe crab and waterfowl habitat on mainland side

Archaeological Conflicts Utilize existing ROW development on Sandy Point and Drinkwater Point as much as possible. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To prevent oil from moving north under the bridge on flood tide. Divert oil to either side of bridge for collection.

Staging Areas Sandy Point and NextEra Energy Wyman Station, Cousins Island

Site Access NextEra Energy Wyman Station (Commercially owned). Sandy Point (public access) Drinkwater Point (residential shore)

Nearest Boat Ramp Ramp at Wyman Station. 4 miles - Falmouth Town Landing

Collection Points Drinkwater Point and Sandy Point - west side of Cousins Island Bridge

Special Instructions Current is minimal

Work Assignment Deploy two 1,000 foot sections of boom in an apex formation in front of the bridge.

Recommended Equipment / Resources

Length of Boom (feet) 2000
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
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: 1/9/2018 **Last Field Visit** **Last Field Test:**

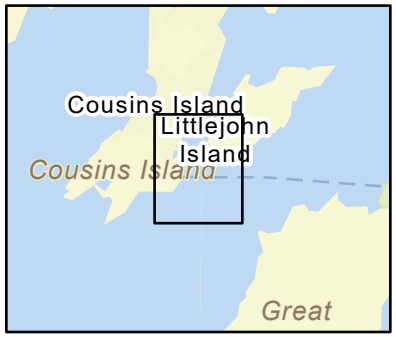
B-09-1

Cousins & Little John Islands

Yarmouth, ME

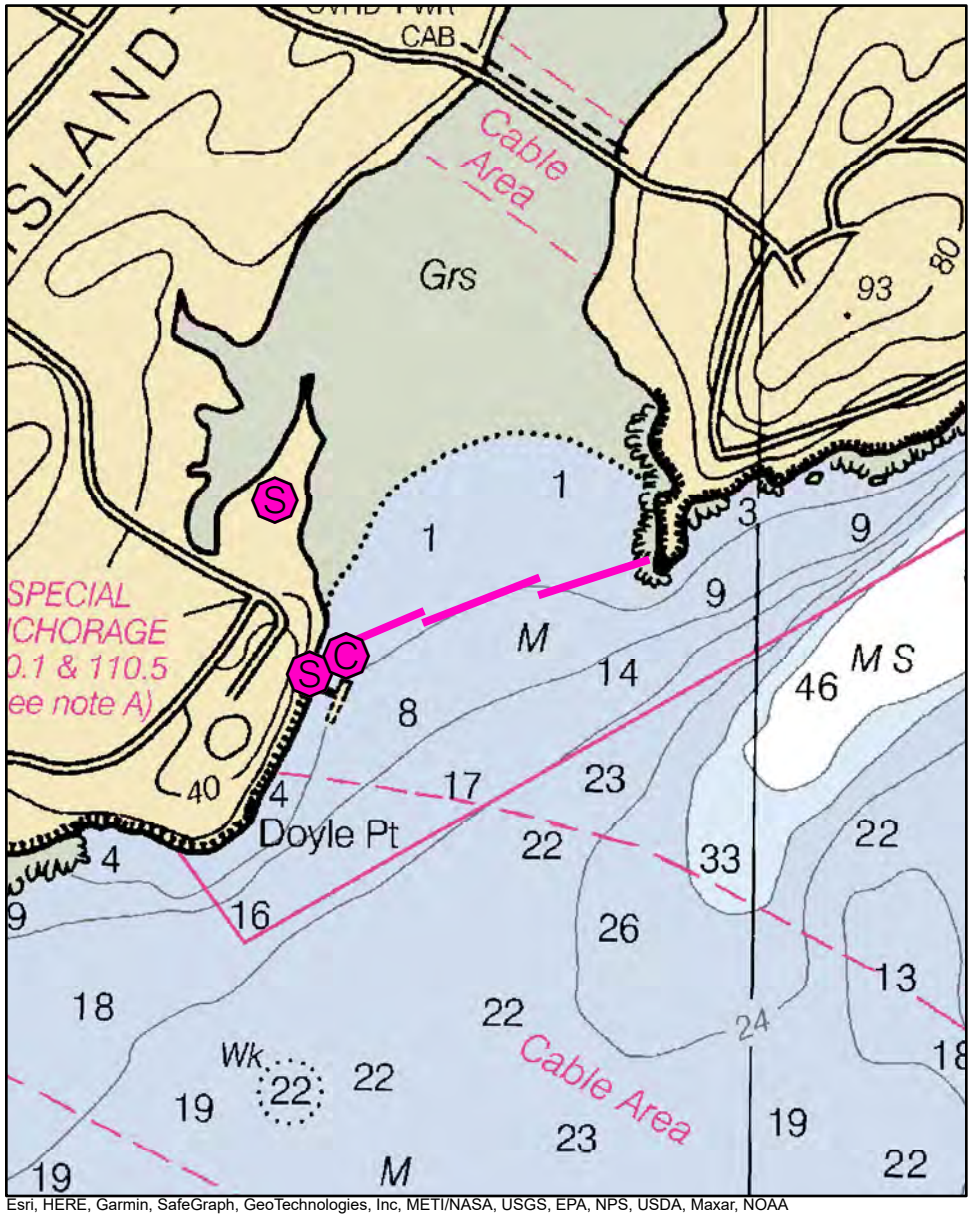
0 925 1,850 Feet

Date printed: 9/11/2022 7:15 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-09-1 Cousins & Little John Islands

Town Yarmouth
Latitude 43° 45.228' N **Longitude** -70° 8.234' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < 1 knot **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13292_1
ESI Map # 47D
EVI Map # 13
DeLorme Map # (2019) 6 D1

Resources At Risk

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

Environmental Concerns Eelgrass, shellfish beds and marine worm harvesting areas.

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

Strategy Information

Strategy Purpose Exclude oil from vegetated area between islands

Staging Areas Chebeague Transportation Company Cousins Island parking lot or wharf.

Site Access Wharf Road, Cousin's Island

Nearest Boat Ramp 4 miles - Falmouth Town Landing

Collection Points Gravel Beach adjacent to lot.

Special Instructions Contact Chebeague Transportation Company: 846-3700

Work Assignment Deploy 1500' of boom from Cheabeague Transportation Company Cousins Island parking lot to Littlejohn Island in 3 sections. Collect oil at adjacent to wharf. Contact Chebeague Transportation Company: 846-3700

Recommended Equipment / Resources

Length of Boom (feet) 1500
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 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: 1/9/2018 **Last Field Visit** 8/27/2010 **Last Field Test:**

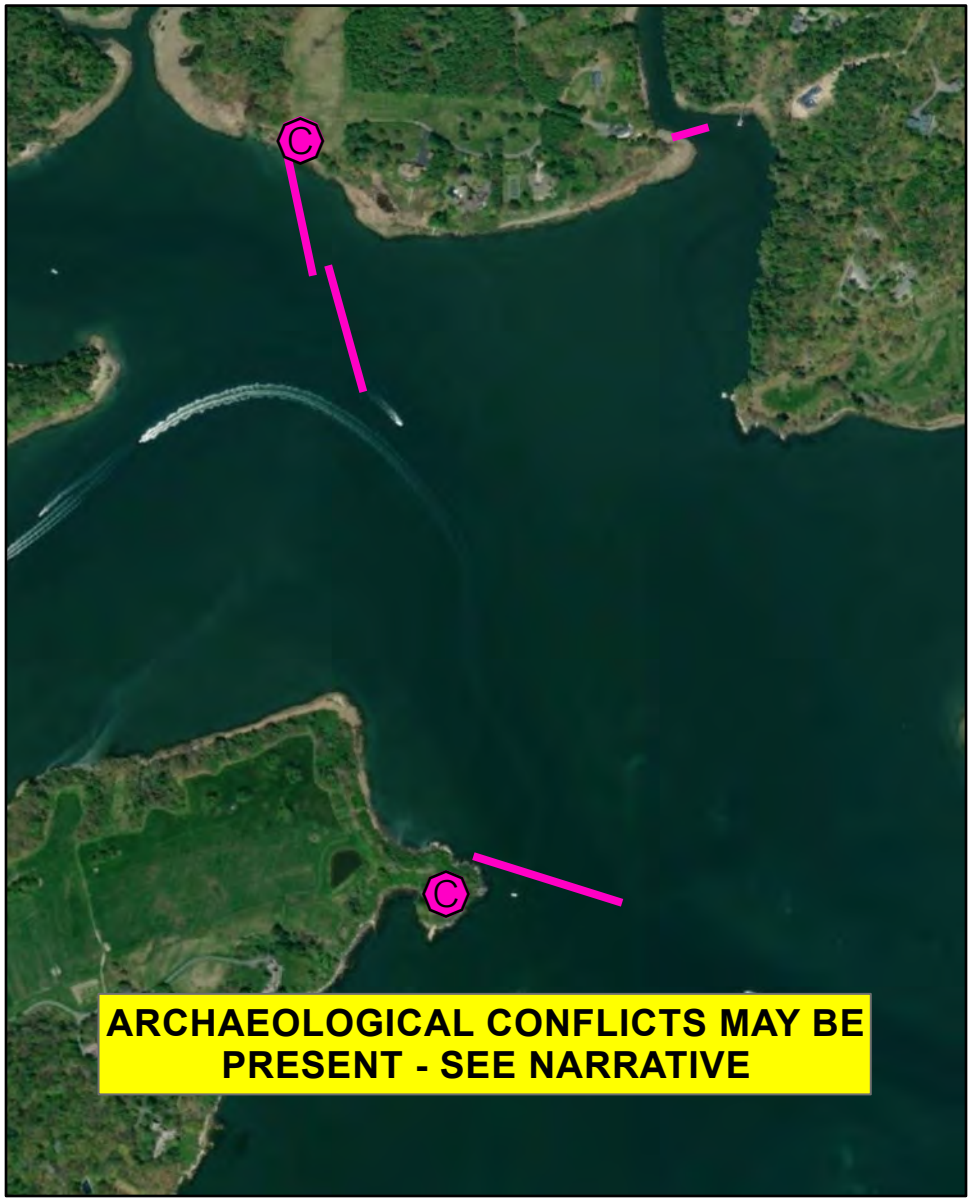
B-10-1

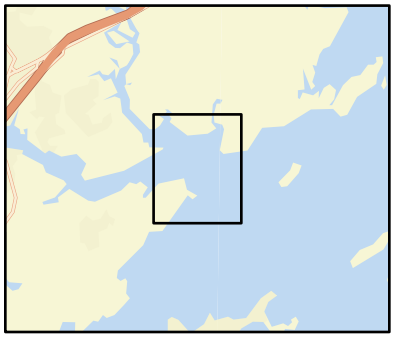
Cousins & Royal Rivers

Yarmouth / Freeport, ME

0 1,000 2,000 Feet

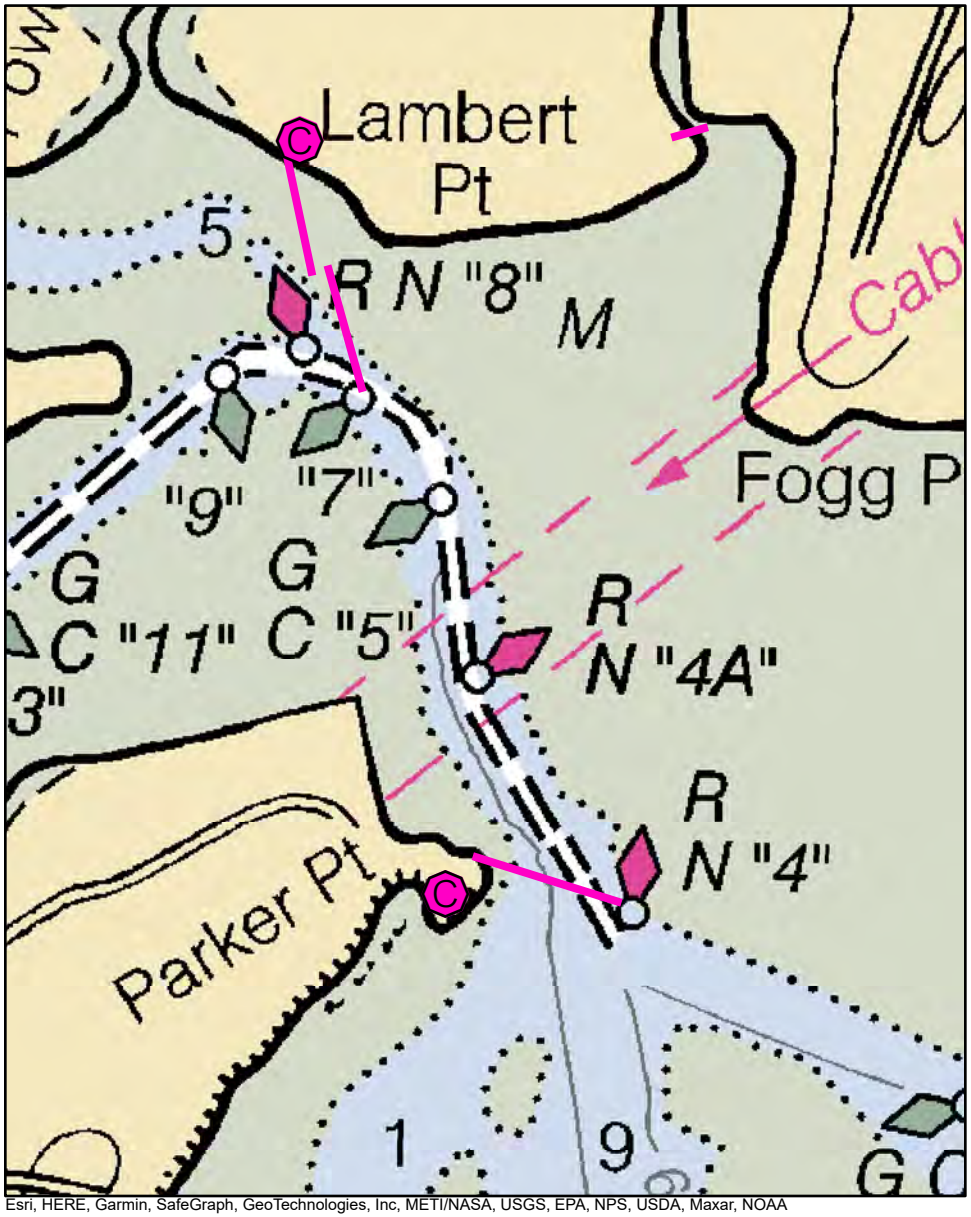
Date printed: 9/11/2022 7:15 AM





Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-10-1 Cousins & Royal Rivers

Town Yarmouth / Freeport
Latitude 43° 47.601' N **Longitude** -70° 8.491' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47B, 47D
EVI Map # 17, 13
DeLorme Map # (2019) 6 D1

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)
ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Diadromous fish runs, bird habitat, fringing marsh

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 keep oil from entering Cousins and Royal Rivers

Staging Areas Yarmouth Town Landing Boat Ramp. Yarmouth Boat Yard. Royal River Boat Yard

Site Access Parker Point side: 265 Barn Road, Yarmouth
Lambert Point side: 69 Lambert Road, Freeport

Nearest Boat Ramp Yarmouth Town Landing Boat Ramp

Collection Points May be able to collect from fields at Lambert Point and Parker Point.

Special Instructions Extensive tidal flats at low tide.

Work Assignment Deploy 650 feet of boom across channel from Parker Point to vicinity of Red Nun #4. Deploy two, 500 foot sections of boom Between Green Can #7 and Lambert Point. If water depth allows, deploy 200 feet of boom across creek between Lambert Point and Fogg Point.

Recommended Equipment / Resources

Length of Boom (feet) 1850 **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 buoy.
4 - 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: 1/9/2018 **Last Field Visit** 8/27/2010 **Last Field Test:**

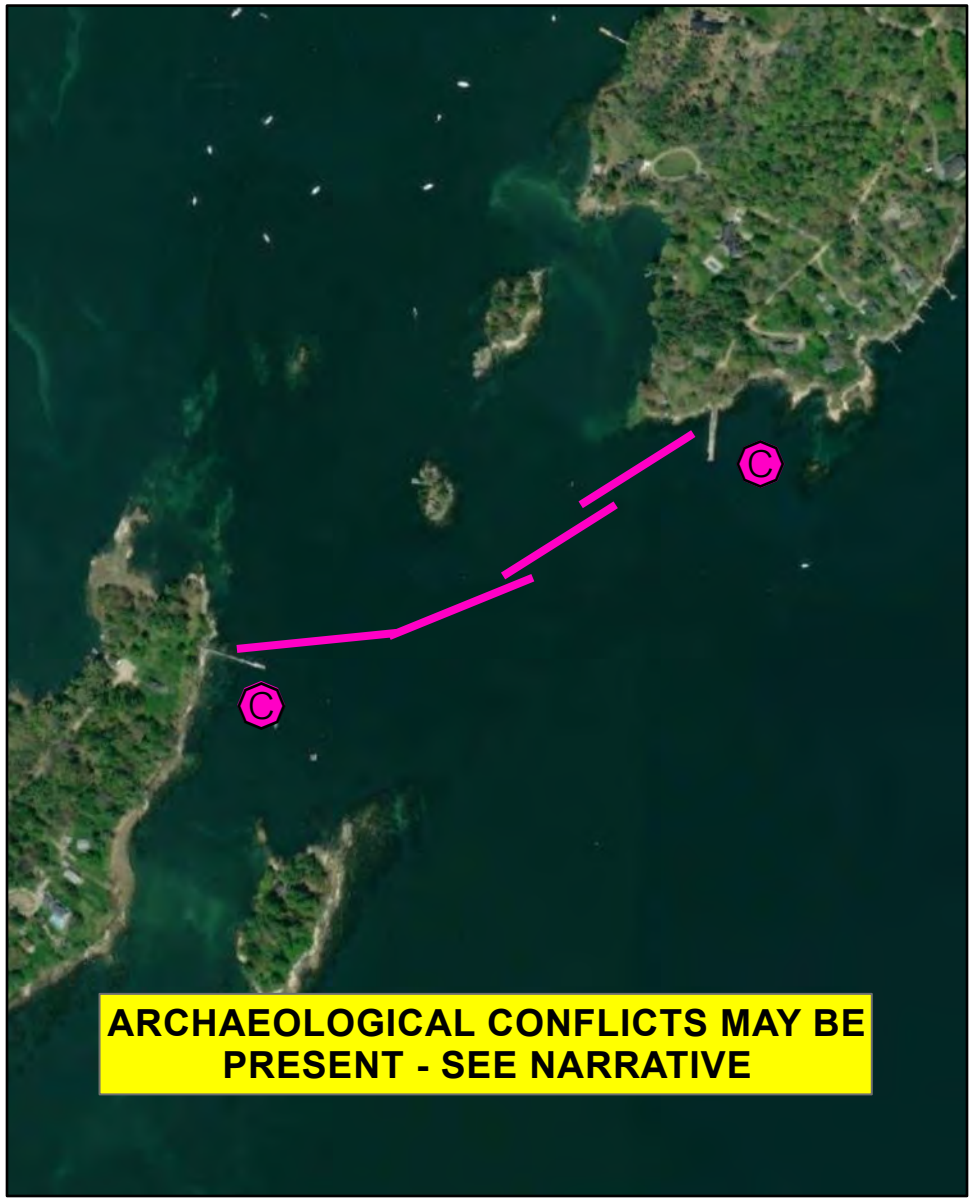
B-11-1

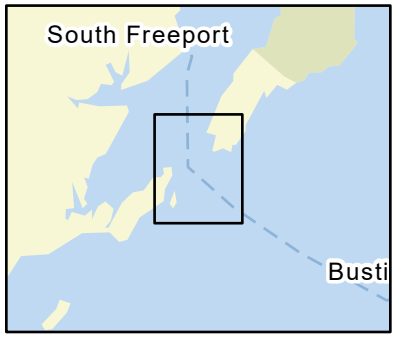
Harraseeket River

Freeport, ME

0 830 1,660 Feet

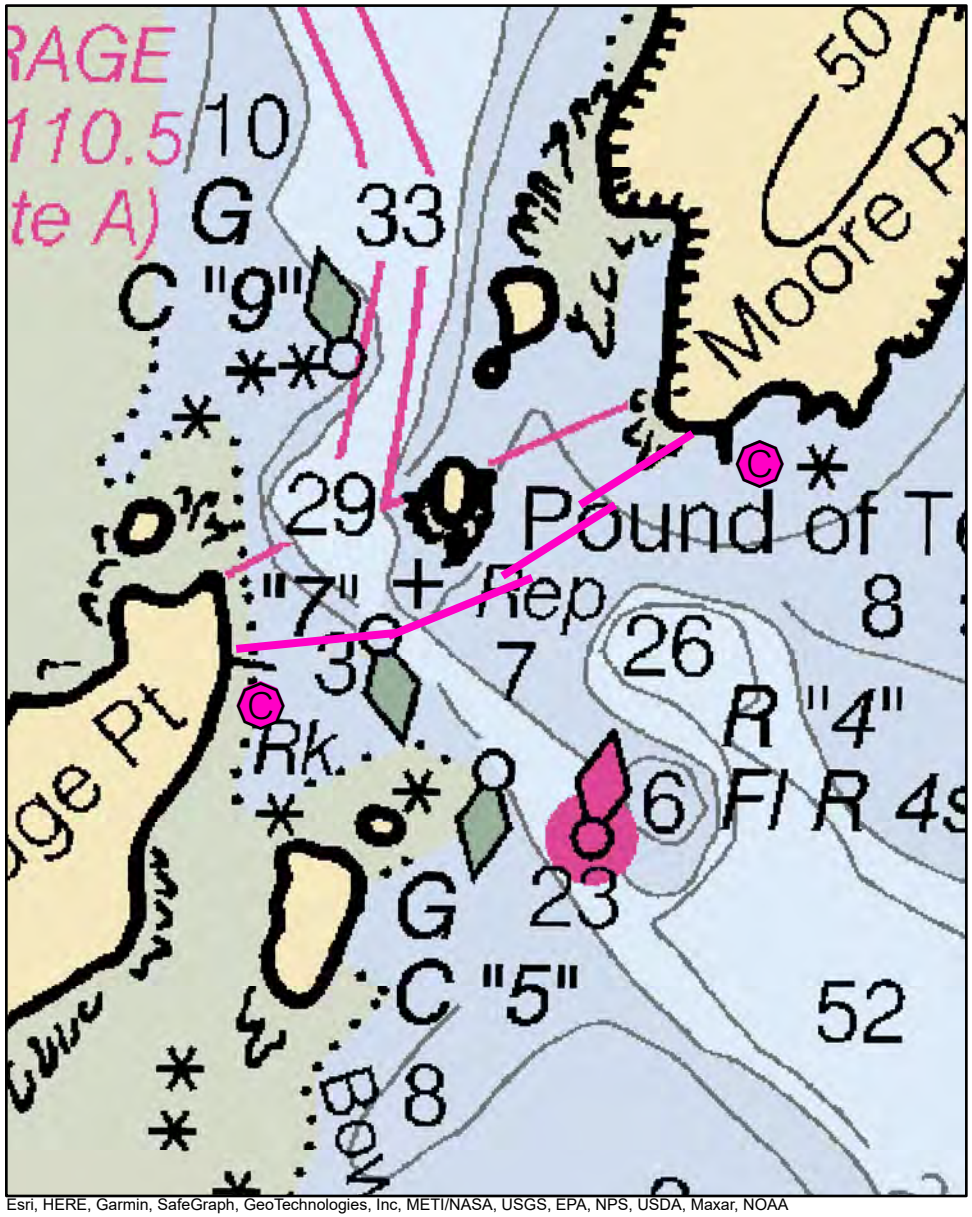
Date printed: 9/11/2022 7:15 AM





Legend

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



B-11-1 Harraseeket River

Town Freeport
Latitude 43° 48.428' N **Longitude** -70° 6.305' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < 1 knot **Ebb**
Source Observed

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47B
EVI Map # 17
DeLorme Map # (2019) 6 D1

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Salt marsh at upper end of Harraseeket River. Extensive shellfish beds. Diadromous fish and elver runs in river. Shorebird area. Aquaculture sites and lobster dealer.

Archaeological Conflicts Utilize existing structures and developed areas on Stockbridge Point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To prevent oil from entering Harraseeket River

Staging Areas South Freeport Town Landing

Site Access From Exit 17, Maine Turnpike, north on Rte. 1 to South Freeport Road, right on Main St. Nearest address: 31 Main Street, South Freeport, ME

No access when river is iced in.

Nearest Boat Ramp Royal River Boat Ramp, Old Shipyard Road, Yarmouth; Mere Point Boat Launch, 15 Birch Island Rd, Brunswick

Collection Points Houses on landward ends of boom or on water collection.

Special Instructions Strategy shuts off major harbor; contact local harbormaster prior to deploying strategy. Bustin's Island Ferry runs through this area from May - mid October. Contact ferry at 207-751-2283 or 207-233-8368.

Work Assignment Deploy 550 feet of boom with onshore end secured to the cribstone dock support at the tip of Stockbridge Point and the offshore end adjacent to "#7" green can. Deploy 1300' of boom in 400 - 500 foot sections from vicinity of "#7" green can to Moore Point. Possible collection at houses on shoresides of boom.

Recommended Equipment / Resources

Length of Boom (feet) 1850

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

6 - 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: 1/9/2018 **Last Field Visit** 6/28/2022 **Last Field Test:**

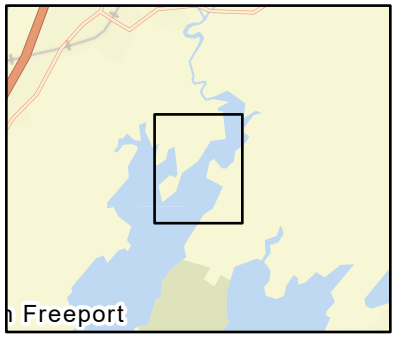
B-11-2

Harraseeket River: Staples Cove

Freeport, ME

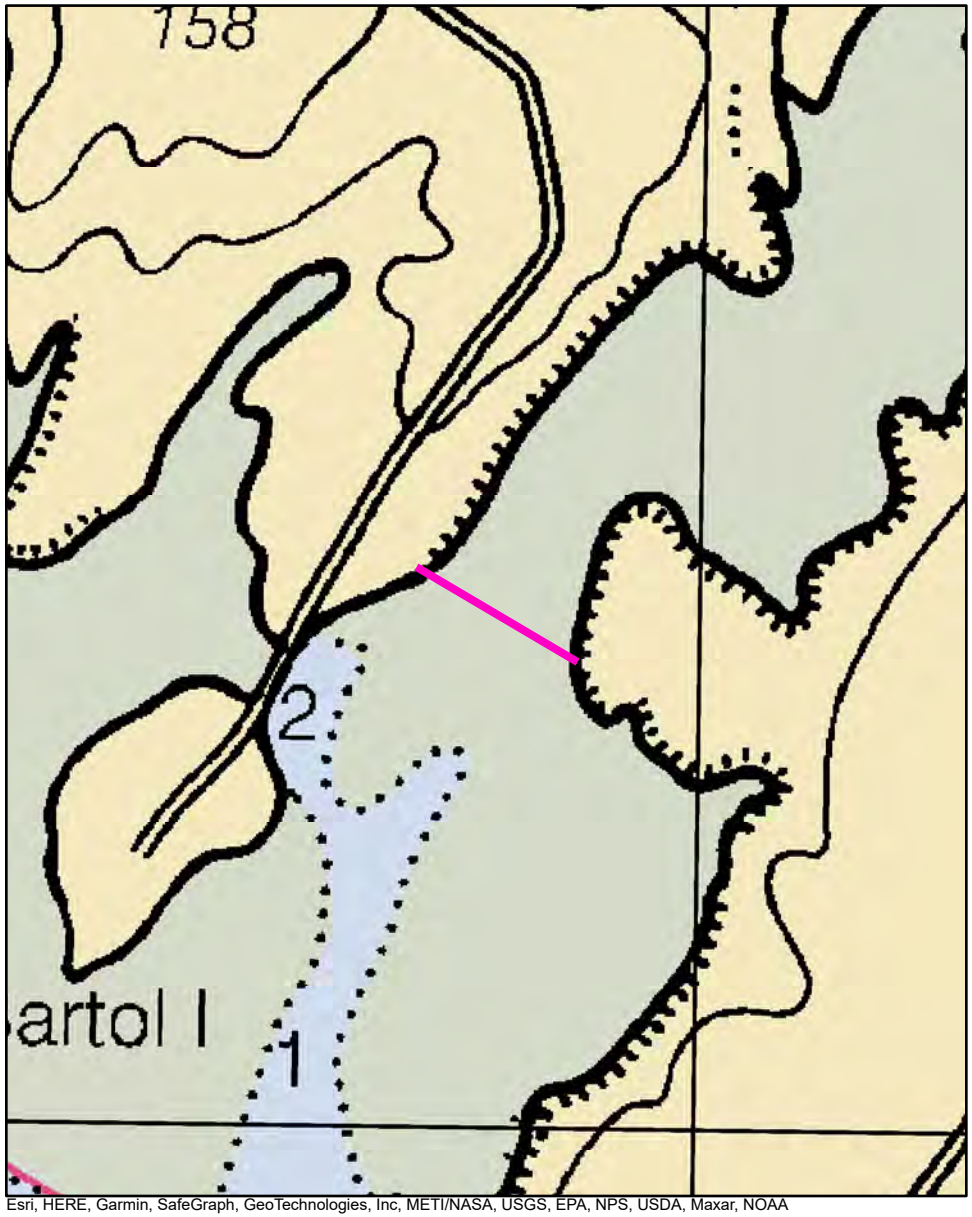
0 925 1,850 Feet

Date printed: 9/11/2022 7:15 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-11-2 Harraseeket River: Staples Cove

Town Freeport
Latitude 43° 48.484' N **Longitude** -70° 6.252' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < .5 knots **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47A, 47B
EVI Map # 17
DeLorme Map # (2019) 6 C1

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type

Environmental Concerns Extensive salt marsh in upper reaches. Diadromous fish, shorebird habitat, marine worms

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

Strategy Information

Strategy Purpose To exclude oil from salt marshes in upper reaches of river.

Staging Areas South Freeport Town Wharf, 36 Main St., Freeport

Site Access South Freeport Town Wharf , Royal River Boat Ramp; Mere Point Boat Launch, 15 Birch Island Rd, Brunswick

No access to site when river is iced in.

Nearest Boat Ramp Royal River Boat Ramp, Old Shipyard Road, Yarmouth

Collection Points N/A. Exclusion

Special Instructions No access at low tide - high tide only. Difficult regardless of tide.

Work Assignment Deploy a 700' section of boom across inlet northeast of Bartol Island at high tide.

Recommended Equipment / Resources

Length of Boom (feet) 700

Type of Boom 12" - 18" containment boom / sorbent

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

Recommend flat bottom boat to pull boom from across.

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

Last Desktop Validation: 2/5/2018 **Last Field Visit** 6/28/2022 **Last Field Test:**

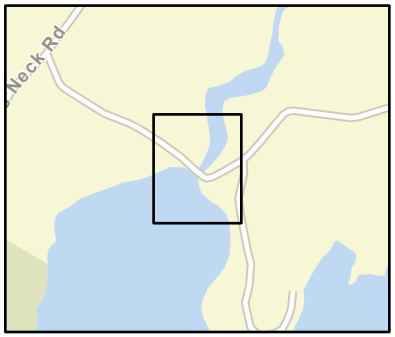
B-12-1

Little River

Freeport, ME

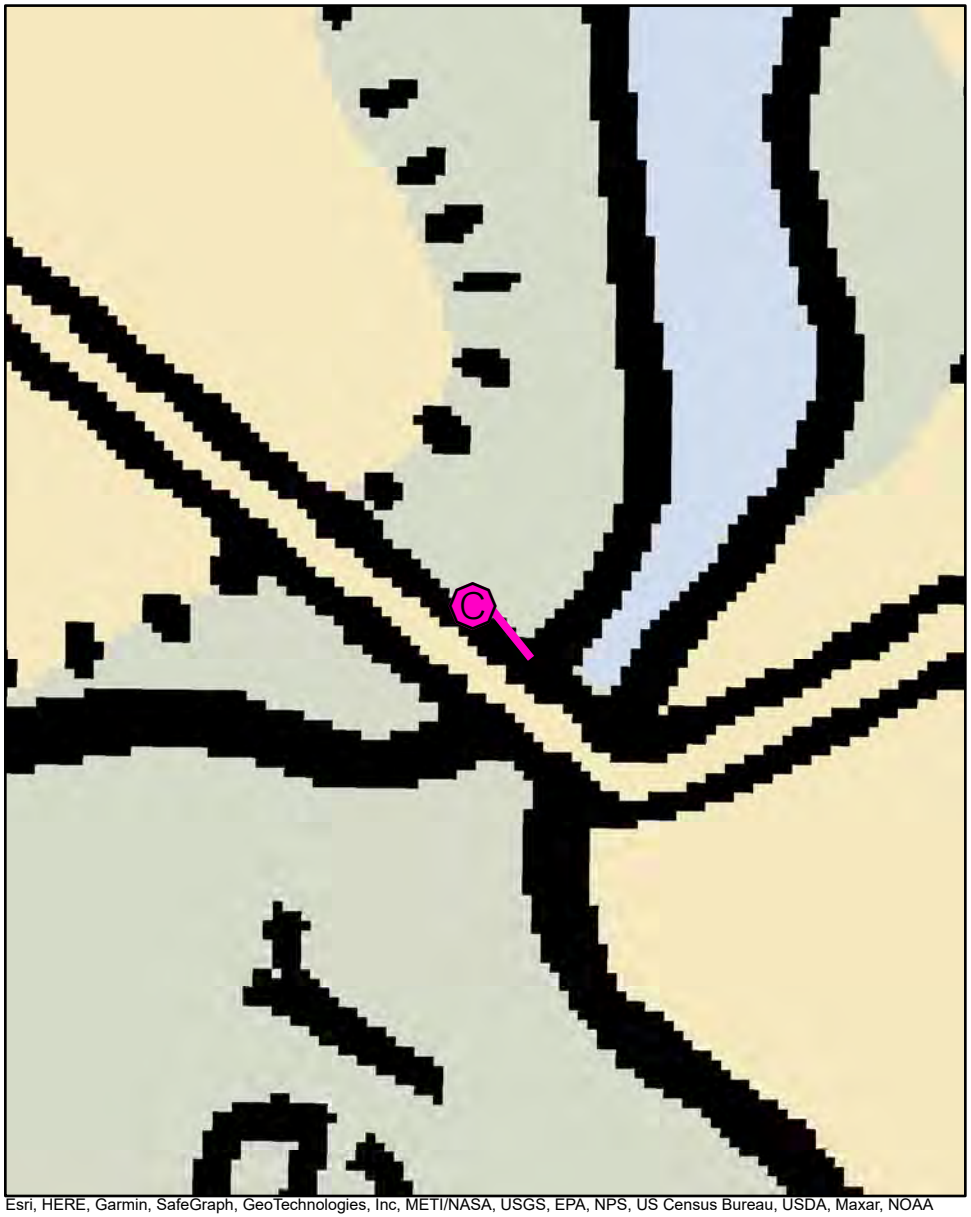
0 200 400 Feet

Date printed: 9/11/2022 7:15 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Maxar, NOAA

B-12-1 Little River

Town Freeport
Latitude 43° 41.709' N **Longitude** -70 4.545' W
Approx. Tidal Range (feet) 7
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47A
EVI Map # 17
DeLorme Map # (2019) 6 D2

Resources At Risk

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

Environmental Concerns Salt marsh upstream of bridge. Rainbow smelt.

Archaeological Conflicts Utilize bridge abutments and disturbed areas for anchoring boom. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To deflect oil from entering salt marsh.

Staging Areas Parking area adjacent to bridge, Burnett Road, Freeport

Site Access Little River Bridge. Nearest address: 294 Burnett Road, Freeport

Nearest Boat Ramp N/A

Collection Points West side of Little River Bridge

Special Instructions

Work Assignment Deploy 60 feet of boom just upstream of Burnett Road Bridge

Recommended Equipment / Resources

Length of Boom (feet) 60

Type of Boom 12" - 18" containment / sorbent

Recommended Equipment (Minimum)
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: 2/5/2018 **Last Field Visit** **Last Field Test:**

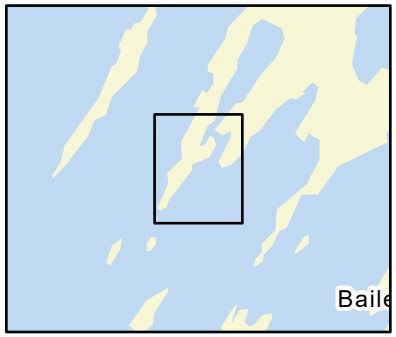
B-13-1

Basin Cove

Harpswell, ME

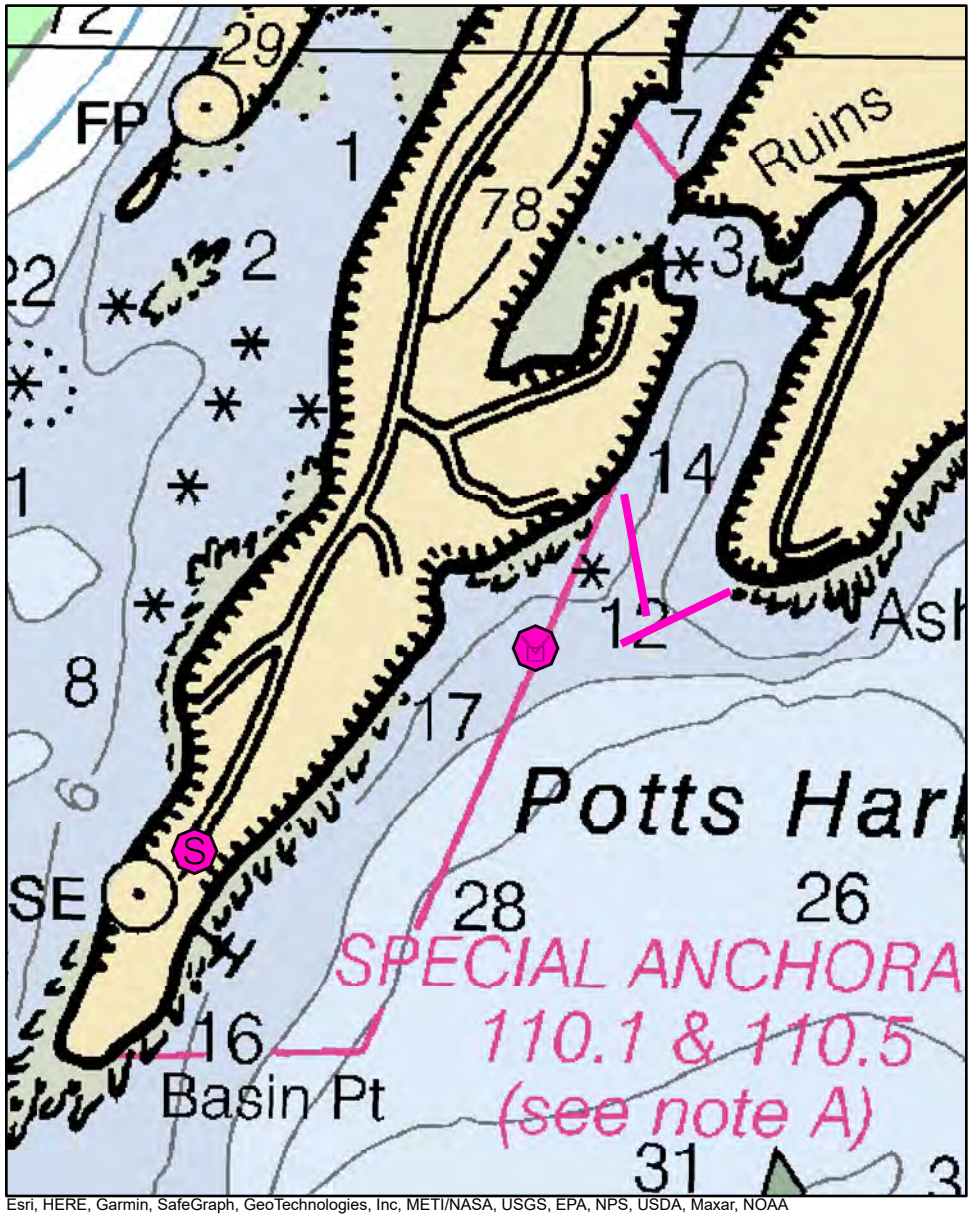
0 1,000 2,000 Feet

Date printed: 9/13/2022 8:32 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-13-1 Basin Cove

Town Harpswell
Latitude 43° 44.687' N **Longitude** -70° 1.613' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1 knot **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 47C
EVI Map # 14
DeLorme Map # (2019) 6 E2

Resources At Risk

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

Environmental Concerns Eelgrass, aquaculture, shellfish beds

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

Strategy Information

Strategy Purpose To exclude oil from Basin Cove

Staging Areas Dolphin Marina

Site Access Dolphin Marina, 515 Basin Point Road, Harpswell

Nearest Boat Ramp Dolphin Marina; Mere Point Boat Launch, 15 Birch Island Rd, Brunswick

Collection Points Open water skimming if possible

Special Instructions Lobster Pound intakes at mouth of Basin Cove and on western side of Ash Point. Boom will go through mooring field and may need to be moved depending on season.

Work Assignment Section 1: Deploy 500' of boom from west side of Basin Cove opening in a southerly direction. Section 2: 500' of boom deployed from Ash Point in a southwesterly direction to form an overlapping apex with Section 1 boom.

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: 2/5/2018 **Last Field Visit** 6/10/2022 **Last Field Test:**

B-14-1

Harpswell Cove / Long Reach: High Head

Harpswell, ME

0 1,000 2,000 Feet

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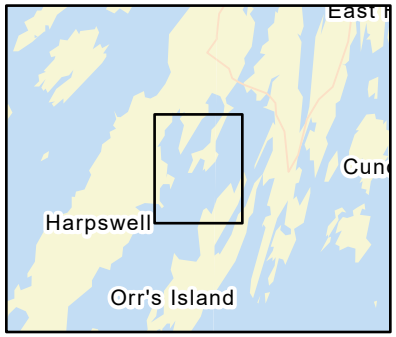
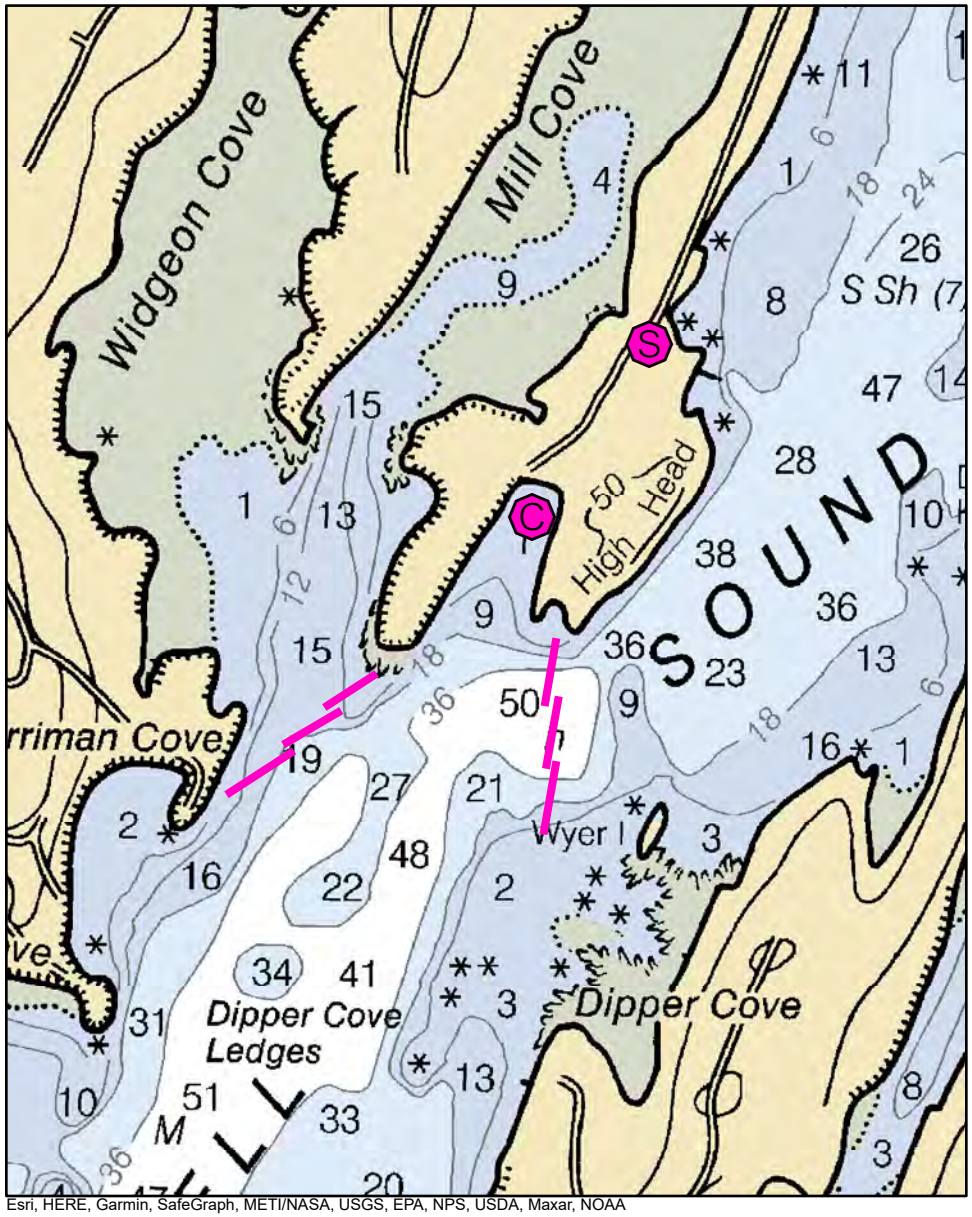


Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-14-1 Harpswell Cove/Long Reach: High Head

Town Harpswell
Latitude 43° 47.681' N **Longitude** -69° 57.864' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46B, 46D
EVI Map # 18, 14
DeLorme Map # (2019) 6 D3

Resources At Risk

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

ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Extensive tidal flats, seal haul-outs, shellfish beds, shorebird habitat and diadromous fish runs in upper Harpswell Sound. Sheltered tidal flats, eelgrass and shellfish beds in Mill and Widgeon Coves.

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

Strategy Information

Strategy Purpose To divert oil from upper Harpswell Sound and Mill and Widgeon Coves

Staging Areas High Head Yacht Club, Harpswell or Mere Point Boat Launch, 15 Birch Island Rd, Brunswick;

Site Access Nearest address to possible collection point: 40 Headland Road, Harpswell

Nearest Boat Ramp Nearest all-tide public ramp is Mere Point Boat Launch, 15 Birch Island Rd, Brunswick

Collection Points High Head in cove

Special Instructions Review strategy for priority along with B-14-2 and B-14-3.

Work Assignment Deploy three 500 foot lengths of boom across channel in Harpswell Sound to divert oil into High Head for collection

Deploy three 500 foot lengths of boom across entrances to Mill & Widgeon Coves

Recommended Equipment / Resources

Length of Boom (feet) 3000 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)
12 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
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: 2/14/2018 **Last Field Visit** 6/10/2022 **Last Field Test:**

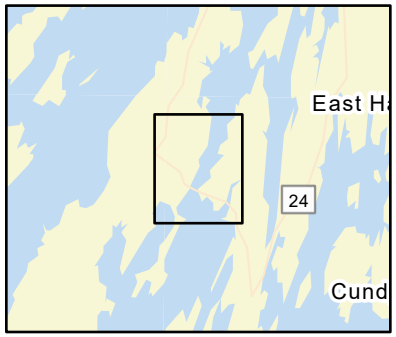
B-14-2

Harpswell Cove / Long Reach: Ewin Narrows

Harpswell, ME

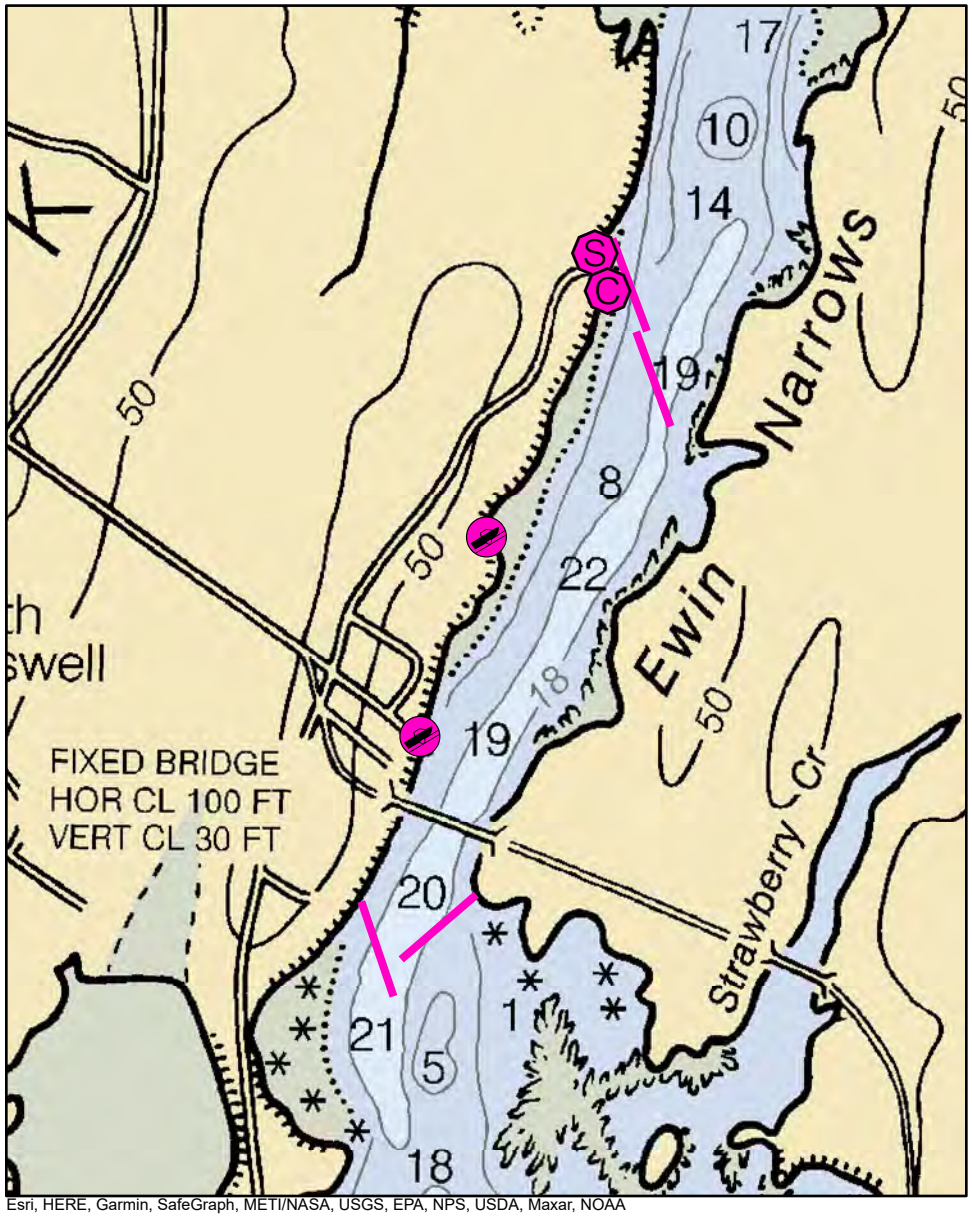
0 1,000 2,000 Feet

Date printed: 9/11/2022 7:15 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-14-2 Harpswell Cove/Long Reach: Ewin Narrows

Town Harpswell
Latitude 43° 49.175' N **Longitude** -69 57.091' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46B
EVI Map # 18
DeLorme Map # (2019) 6 D3

Resources At Risk

ESI Primary Shoreline Type Sheltered tidal flats (9A)
ESI Secondary Shoreline Type Mixed sand and gravel beaches (5)

Environmental Concerns Extensive tidal flats, seal haul-outs, shellfish beds, shorebird habitat and diadromous fish runs in upper Harpswell Sound and Long Reach

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

Strategy Information

Strategy Purpose To deflect oil from upper Harpswell Sound and Long Reach

Staging Areas Hildreth boat landing 52 Hildreth Road (limited space and parking) or High Head Yacht Club boat ramp.

Site Access Hildreth Pt. boat landing: 52 Hildreth Road or High Head Yacht Club Boat Ramp, approx. 1 mile downstream of bridge, 313 High Head Road, Harpswell

Nearest Boat Ramp Nearest public launches are Mere Point Boat Launch, 15 Birch Island Rd, Brunswick; Hildreth Boat Landing, and Buttermilk Cove (near intersection of Rte. 24 and Prince's Point Road adjacent to bridge -- part tide ramp); e911 shows boat access at the end of Wharf Road, but might be carry put-in

Collection Points Hildreth boat landing and either side of bridge on Mountain Road

Special Instructions Boom angles must be steep due to current. Review strategies for priority along with B-14-1 and B-14-3

Work Assignment Deploy two 600' sections of boom south of bridge on Mountain Road.

Deploy two 600' lengths of boom in a cascade formation from Hildredth Boat landing.

Recommended Equipment / Resources

Length of Boom (feet) 2400 **Type of Boom** 12" - 18" containment boom

Recommended Equipment (Minimum)

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

Mountain Road (downstream):
2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
2 - shoreside connection
1 - 2 vacuum truck(s) or skimmer(s) with 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: 2/14/2018 **Last Field Visit** 6/10/2022 **Last Field Test:**

B-14-3

Harpswell Cove / Long Reach: Prince & Doughty Pt.

Harpswell, ME

0 1,000 2,000 Feet

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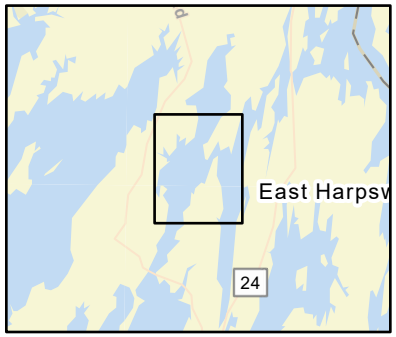
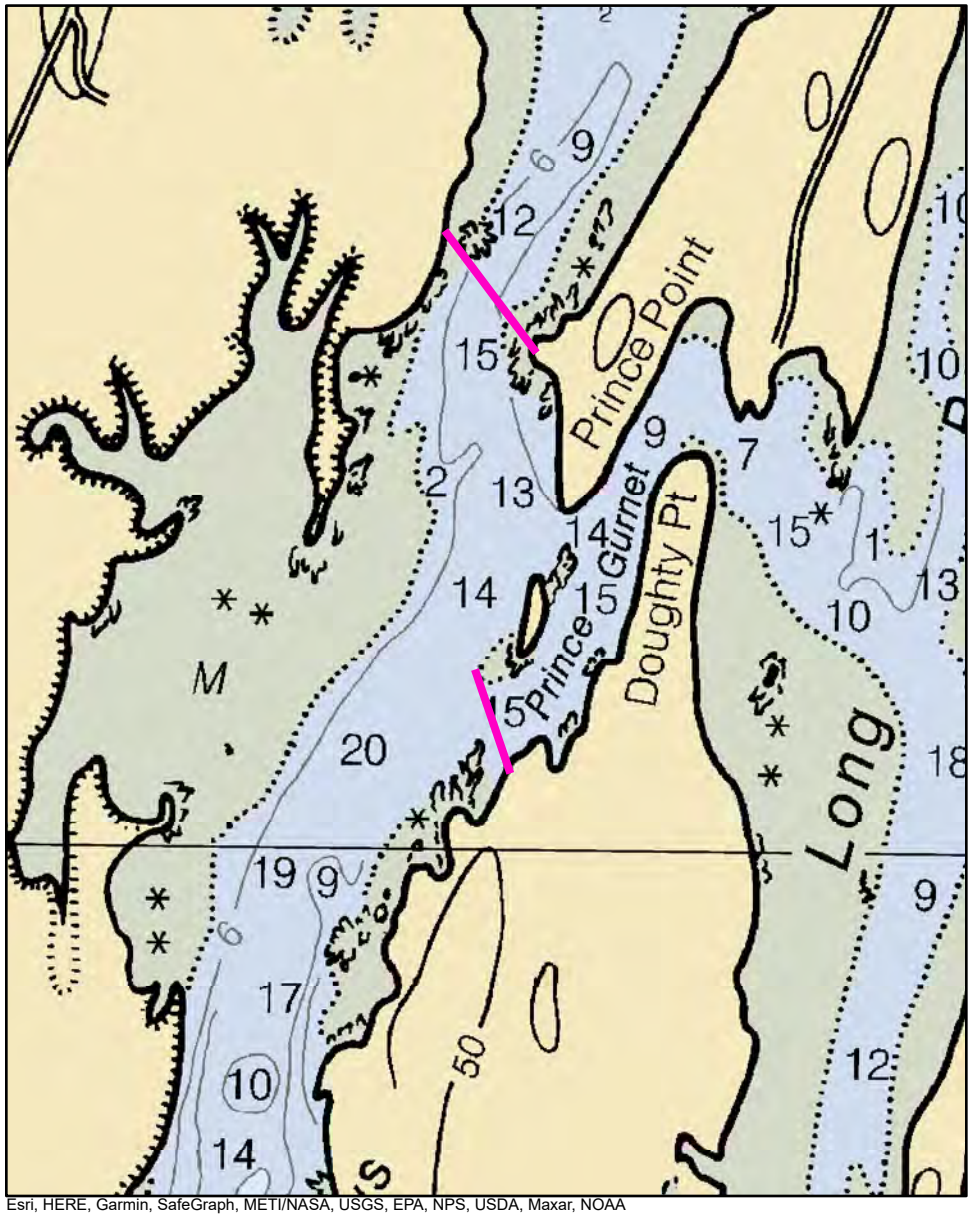


Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-14-3 Harpswell Cove/Long Reach: Prince & Doughty Pt

Town Harpswell
Latitude 43° 50.357' N **Longitude** -69° 56.415' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46B
EVI Map # 18
DeLorme Map # (2019) 6 C3

Resources At Risk

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

ESI Secondary Shoreline Type

Environmental Concerns Extensive tidal flats, seal haul-outs, shellfish beds, shorebird habitat and diadromous fish runs in upper Harpswell Sound and Long Reach

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

Strategy Information

Strategy Purpose To divert oil from upper Harpswell Sound and Long Reach

Staging Areas Hildreth Point boat landing or High Head Yacht Club boat ramp

Site Access Hildreth Pt. boat landing: 56 Hildreth Road or High Head Yacht Club boat ramp, approx. 1 mile downstream of Mountain Road bridge, 313 High Head Road, Harpswell

Nearest Boat Ramp High Head Yacht Club (207-725-8440). Nearest public launches are Merepoint Bay in Brunswick (15 Birch Island Road, Brunswick), and Buttermilk Cove (near intersection of Rte. 24 and Prince's Point Road adjacent to bridge -- part tide ramp)

Collection Points No collection for Doughty Point area, deflection only. May be possible to collect from house at the end of long driveway located approximately 0.3 mi. north of Hawthorne Lane, Harpswell, off of Rte. 123.

Special Instructions Boom angles must be steep due to current. Review these strategies for priority along with B-14-1 and B-14-2. Might be difficult deploying at mod to low tides due to rocks.

Work Assignment Deploy 1,000 feet of boom between Prince's Point and Harpswell Neck.

Deploy 700 feet of boom between Doughty Point and island to deflect oil from entering Long Reach.

Recommended Equipment / Resources

Length of Boom (feet) 1700

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 buoy
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: 2/15/2018 **Last Field Visit** 6/10/2022 **Last Field Test:**

B-15-1

Upper New Meadows River / Thomas Point

Brunswick / West Bath, ME

0 1,000 2,000 Feet

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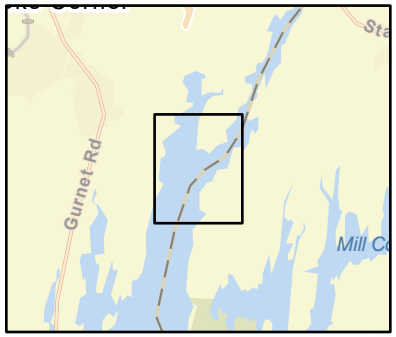
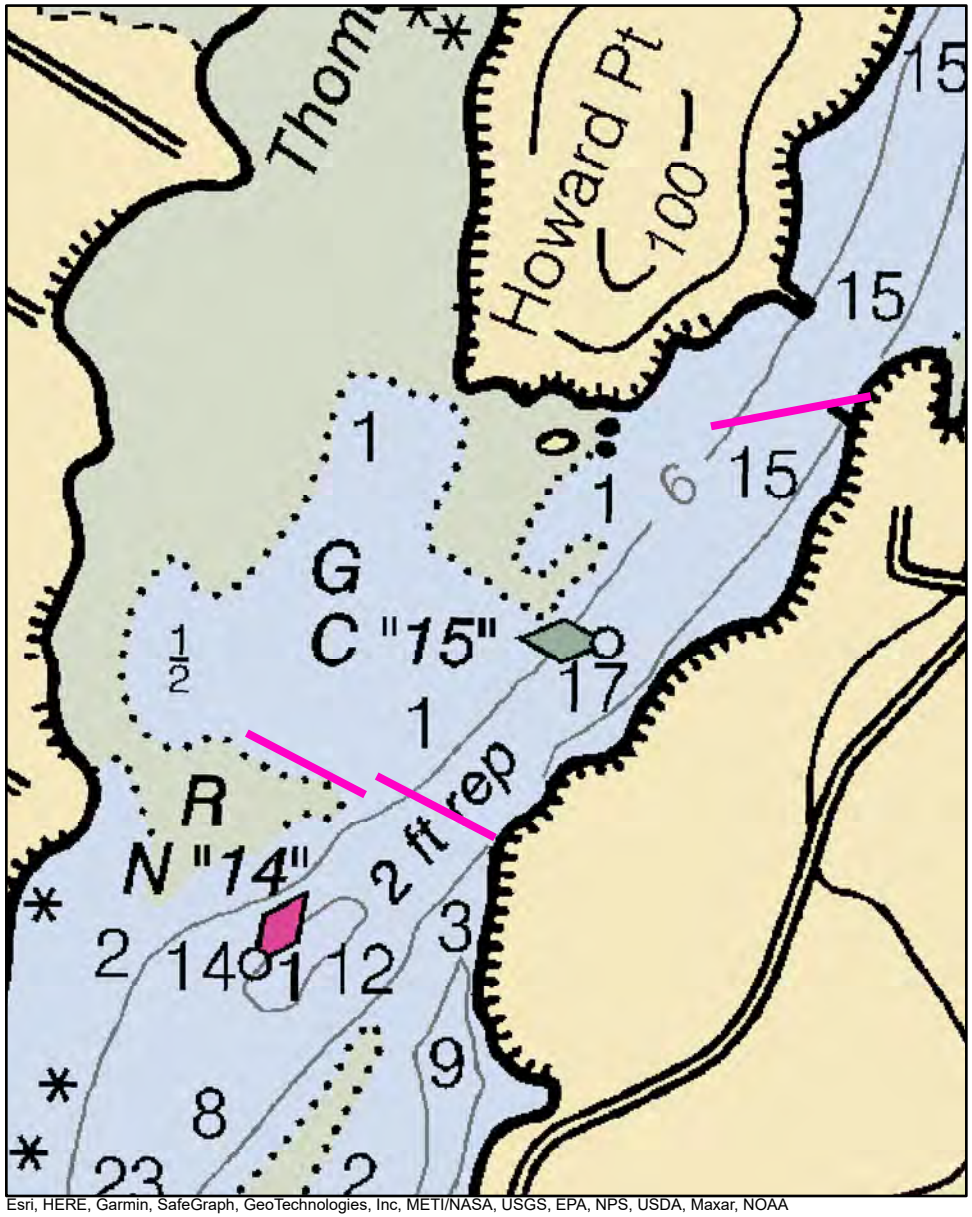


Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-15-1 Upper New Meadows River / Thomas Point

Town Brunswick / West Bath
Latitude 43° 53.151' N **Longitude** -69° 53.298' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** .5 - 1 knots **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46B, 40D
EVI Map # 19
DeLorme Map # (2019) 6 C4

Resources At Risk

ESI Primary Shoreline Type Sheltered rocky shores (8A)
ESI Secondary Shoreline Type Sheltered tidal flats (9A)

Environmental Concerns Extensive tidal flats, shellfish, shorebird habitat and marine worm harvesting areas in Thomas Bay. Known horseshoe crab spawning area. Upper New Meadows River has tidal flats, salt marsh, shellfish areas, elver run and shorebird habitat.

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

Strategy Information

Strategy Purpose Divert or exclude oil from Thomas Bay and Upper New Meadows River.

Staging Areas Sawyer Park boat launch, Sawyer Road, Brunswick

Site Access Deployment access by water. See possible collection access below.

Nearest Boat Ramp Sawyer Park boat launch; pavement/ concrete ramp but access is seasonal. Gate can be opened by calling the Brunswick Marine Warden/ PD

Collection Points Assess collection opportunities on West Bath side near piers at residences at 29 Herons Reach Way (lower strategy) and 47 Spruce Way.

Special Instructions Unknown feasibility for collection

Work Assignment Primary: Deploy two 650' sections of boom from West Bath side of river across channel.

Secondary: Deploy one 650' section of boom from West Bath side of river toward Howard Point.

Recommended Equipment / Resources

Length of Boom (feet) 1300 (primary), 650 (secondary)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

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

Secondary:
1 - anchor system: 35 foot Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
1 - shoreside connection
1 - vacuum truck or skimmer 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: 2/15/2018 **Last Field Visit** **Last Field Test:**

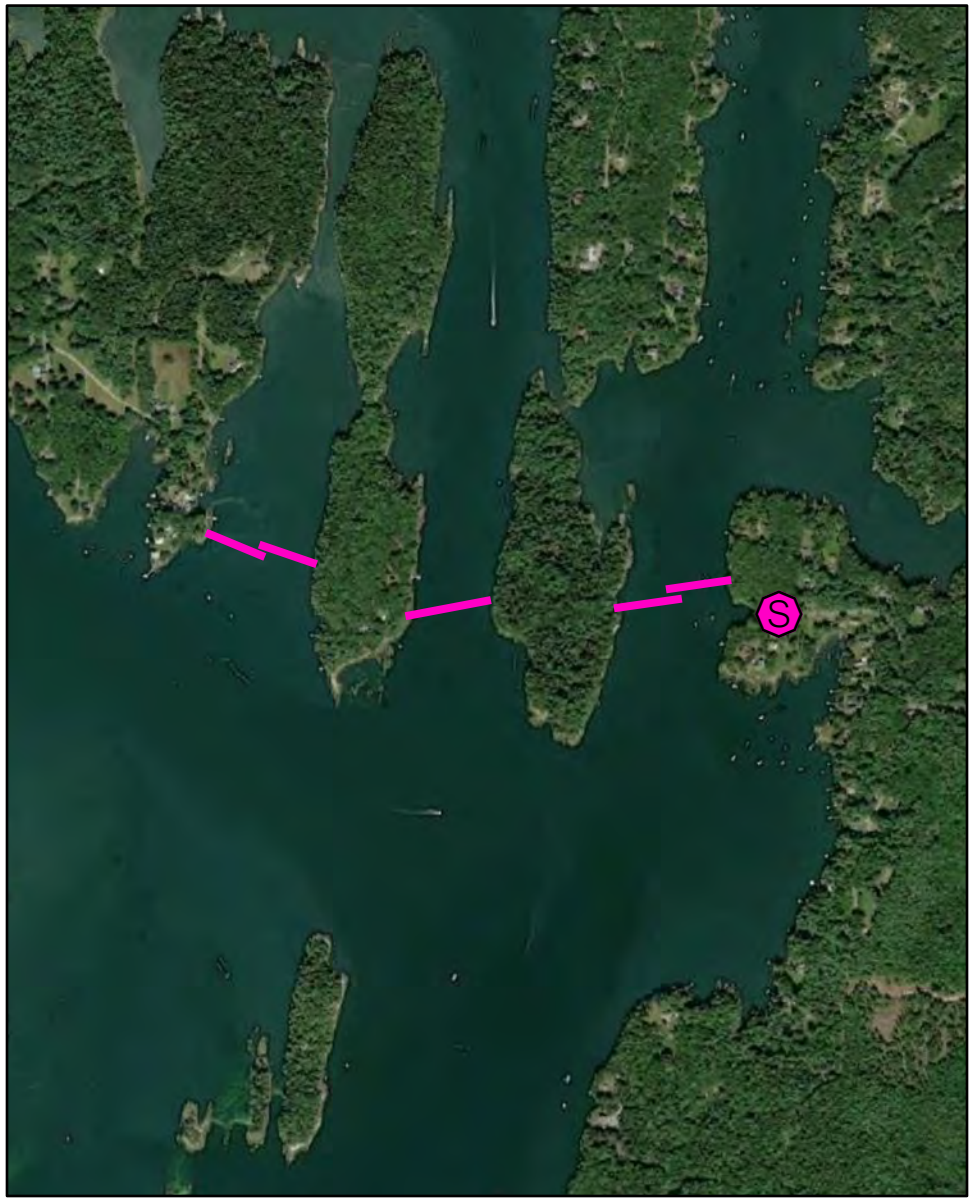
B-16-1

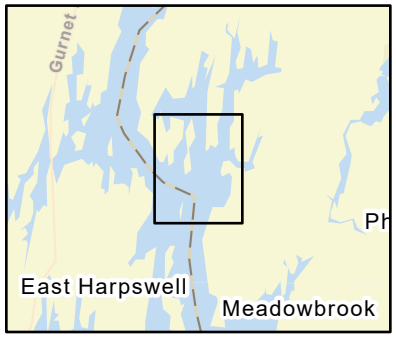
Back Cove

West Bath, ME

0 1,000 2,000 Feet

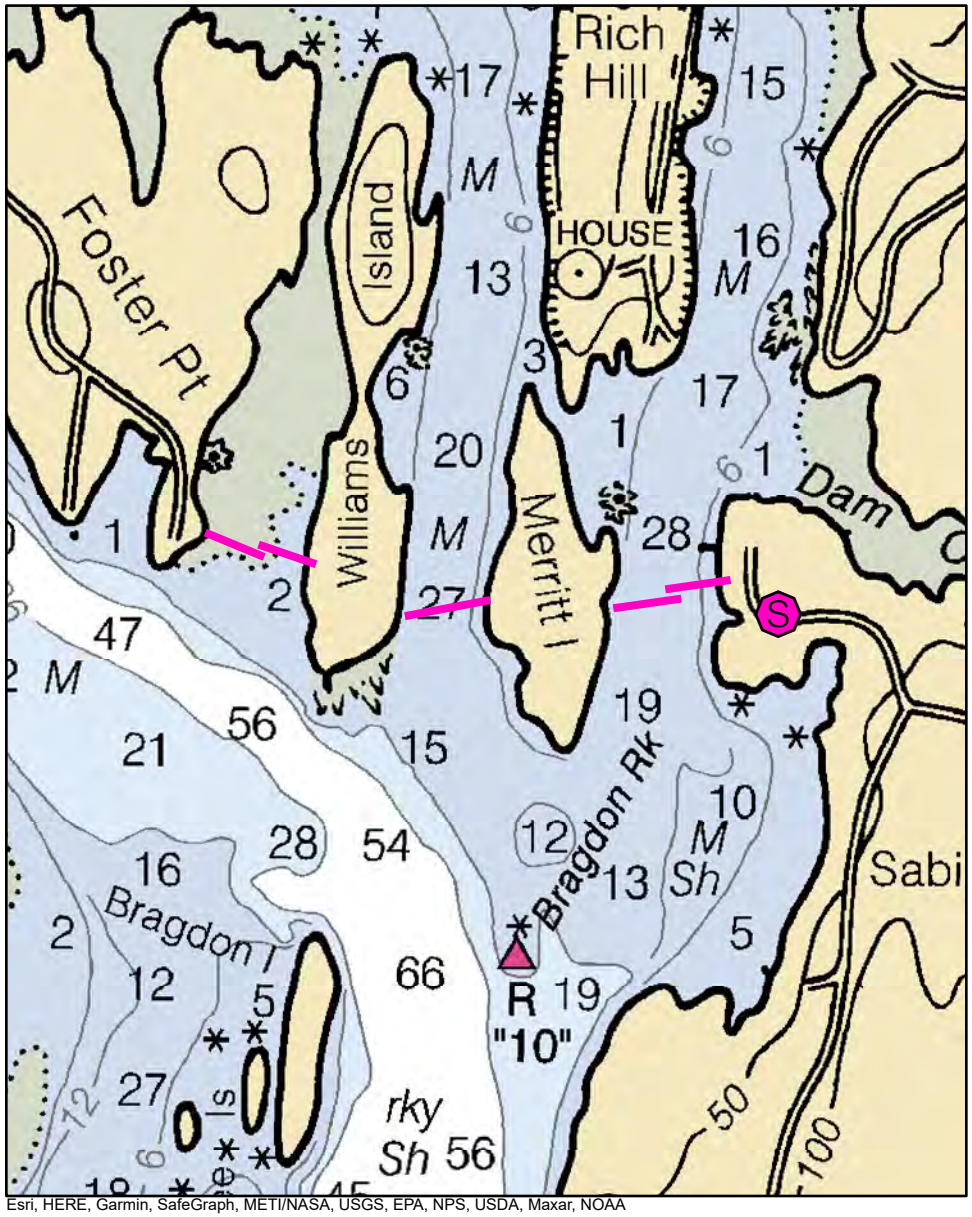
Date printed: 9/11/2022 7:17 AM





Legend

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



B-16-1 Back Cove

Town West Bath
Latitude 43° 51.41' N **Longitude** -69° 52.148' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 0 - .5 knots **Ebb**
Source Local knowledge estimate

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46A, 46B
EVI Map # 19
DeLorme Map # (2019) 6 C4

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)
ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Back Cove has sheltered tidal flats, shorebird habitat, shellfish beds, aquaculture and marine worm habitat

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

Strategy Information

Strategy Purpose Exclude oil from Back Cove

Staging Areas Sabino Point Landing, West Bath. Tight parking and steep, narrow ramp - see Special Instructions

Site Access Sabino Point Landing, West Bath. Nearest address: 301 Sabino Road

Nearest Boat Ramp Sabino Point Landing, West Bath. Lower portion is solid cobble stone, all season

Collection Points N/A. Exclusion

Special Instructions Sabino Point Landing is permit parking only, consider reaching out to Sag County Sheriff or Town of West Bath

Work Assignment Deploy two 400' sections of boom between Sabino Point and Merrit Island.

Deploy 500' of boom between Merrit Island and Williams Island.

Deploy two 400' sections of boom between Williams Island and Foster Point.

Recommended Equipment / Resources

Length of Boom (feet)

Type of Boom 12" - 24" containment boom

Recommended Equipment (Minimum)

4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
6 - 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: 2/16/2018 **Last Field Visit** 6/22/2022 **Last Field Test:**

B-17-1

Long Island

Harpswell, ME

0 925 1,850 Feet

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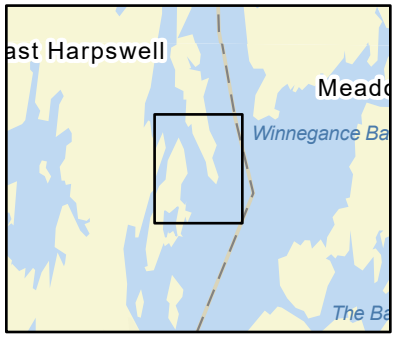
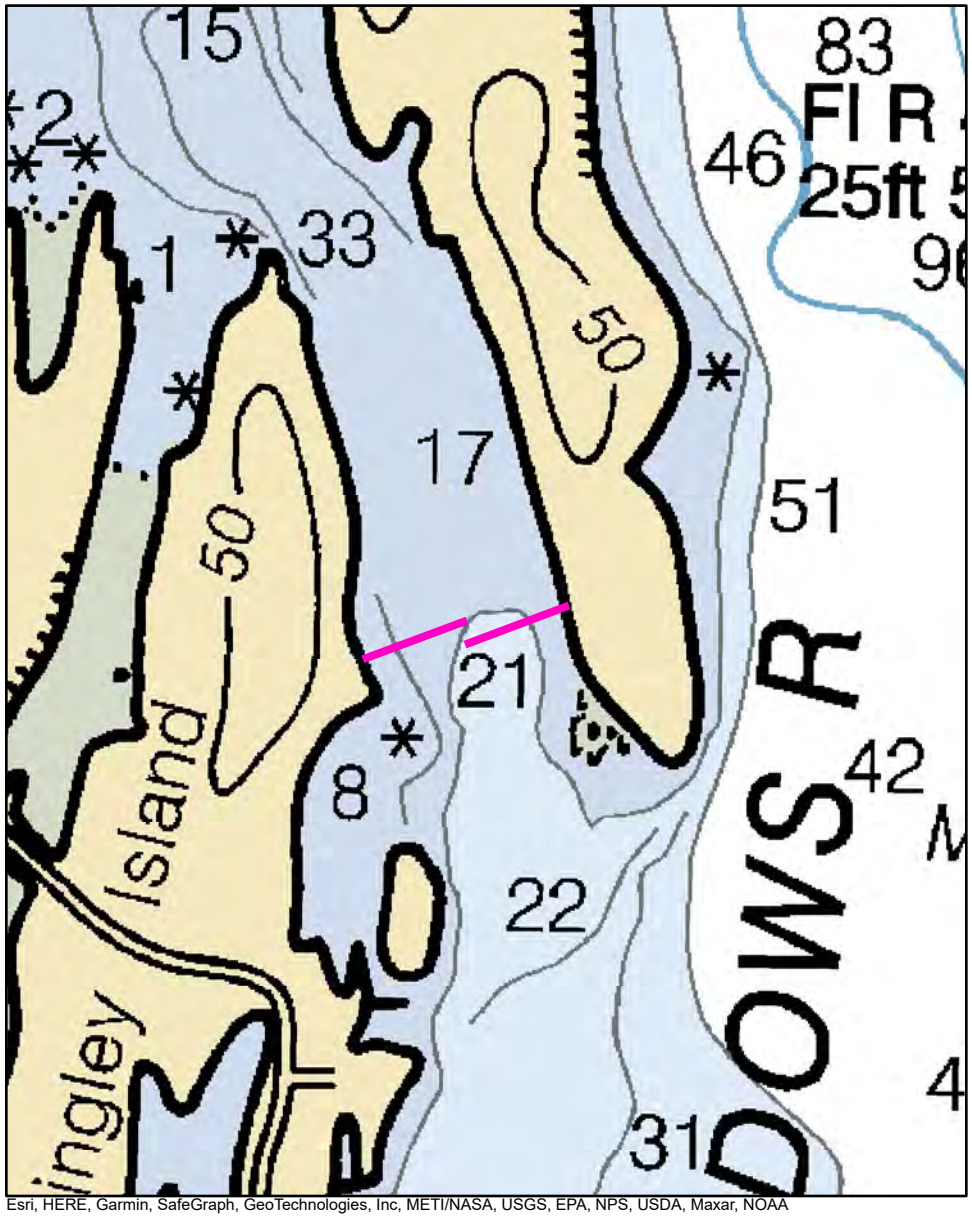


Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-17-1 Long Island

Town Harpswell
Latitude 43° 49.169' N **Longitude** -69 52.772' N
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 0 - 1 knot **Ebb**
Source Local knowledge estimate

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46B, 46A
EVI Map # 19
DeLorme Map # (2019) 6 D4

Resources At Risk

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

Environmental Concerns Mudflats and shorebird habitat and small harbor behind island.

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

Strategy Information

Strategy Purpose Exclude oil from back side of Long Island

Staging Areas Sabino Point Landing, West Bath, tight parking and narrow ramp; see Special Instructions

Site Access Sabino Point Landing, West Bath. Nearest address: 301 Sabino Road

Nearest Boat Ramp Sabino Point Landing, West Bath. Lower portion is solid cobblestone; all tide.

Collection Points

Special Instructions Sabino Point Landing is permit parking only, consider reaching out to Sag County Sheriff or Town of West Bath

Work Assignment Deploy two 400' lengths of boom between Long Island and Dingley Island

Recommended Equipment / Resources

Length of Boom (feet) 800

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
3 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
1 - shoreside connection (Dingley Island side at pier)
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: 2/16/2018 **Last Field Visit** 6/22/2022 **Last Field Test:**

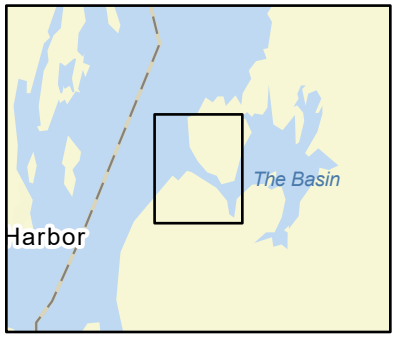
B-18-1

The Basin

Phippsburg, ME

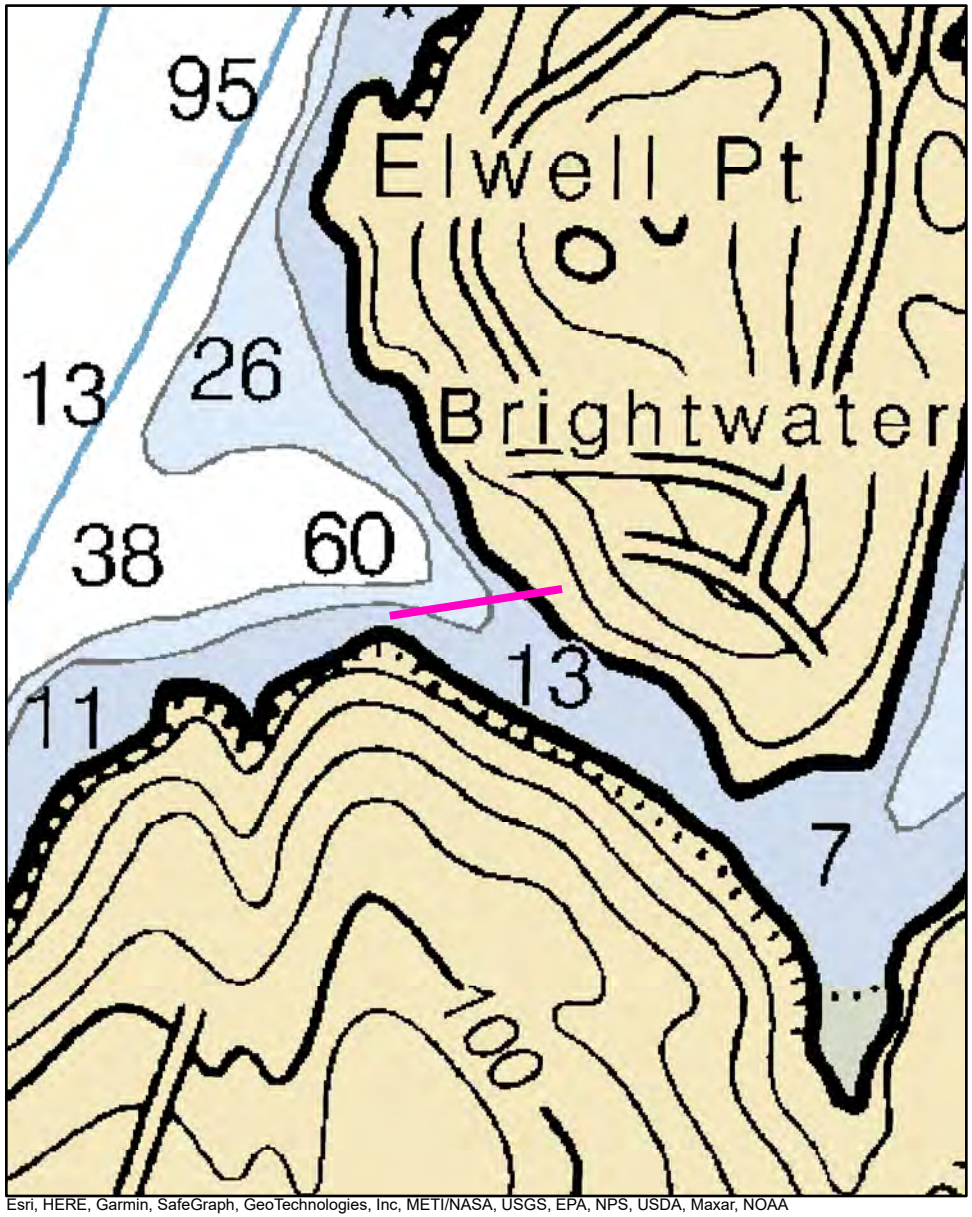
0 830 1,660 Feet

Date printed: 9/10/2022 7:51 PM



Legend

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



B-18-1 The Basin

Town Phippsburg
Latitude 43° 48.236' N **Longitude** -69° 57.867' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46A, 46B
EVI Map # 19
DeLorme Map # (2019) 6 D4

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Sheltered tidal flats and shellfish beds in The Basin

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

Strategy Information

Strategy Purpose Exclude oil from The Basin

Staging Areas Sabino Point Landing, West Bath; tight parking and narrow ramp; see Special Instructions

Site Access By water from Sabino Point Landing, West Bath. Nearest address: 301 Sabino Road

Nearest Boat Ramp Sabino Point Landing, West Bath. Lower portion is solid cobblestone; all tide.

Collection Points N/A. Exclusion

Special Instructions Strength of current unknown but may be fast through channel; Sabino Point Landing is permit parking only, consider reaching out to Sag County Sheriff or Town of West Bath

Work Assignment Deploy 600 feet of boom across the entrance to The Basin

Recommended Equipment / Resources

Length of Boom (feet) 600
Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
2 - shoreside connections
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: 2/20/2018 **Last Field Visit** **Last Field Test:**

B-19-1

Cape Small Harbor / Tottman Cove

Phippsburg, ME

0 925 1,850 Feet

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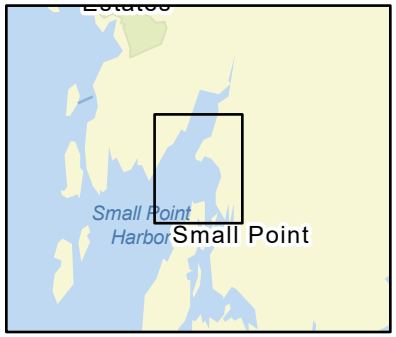
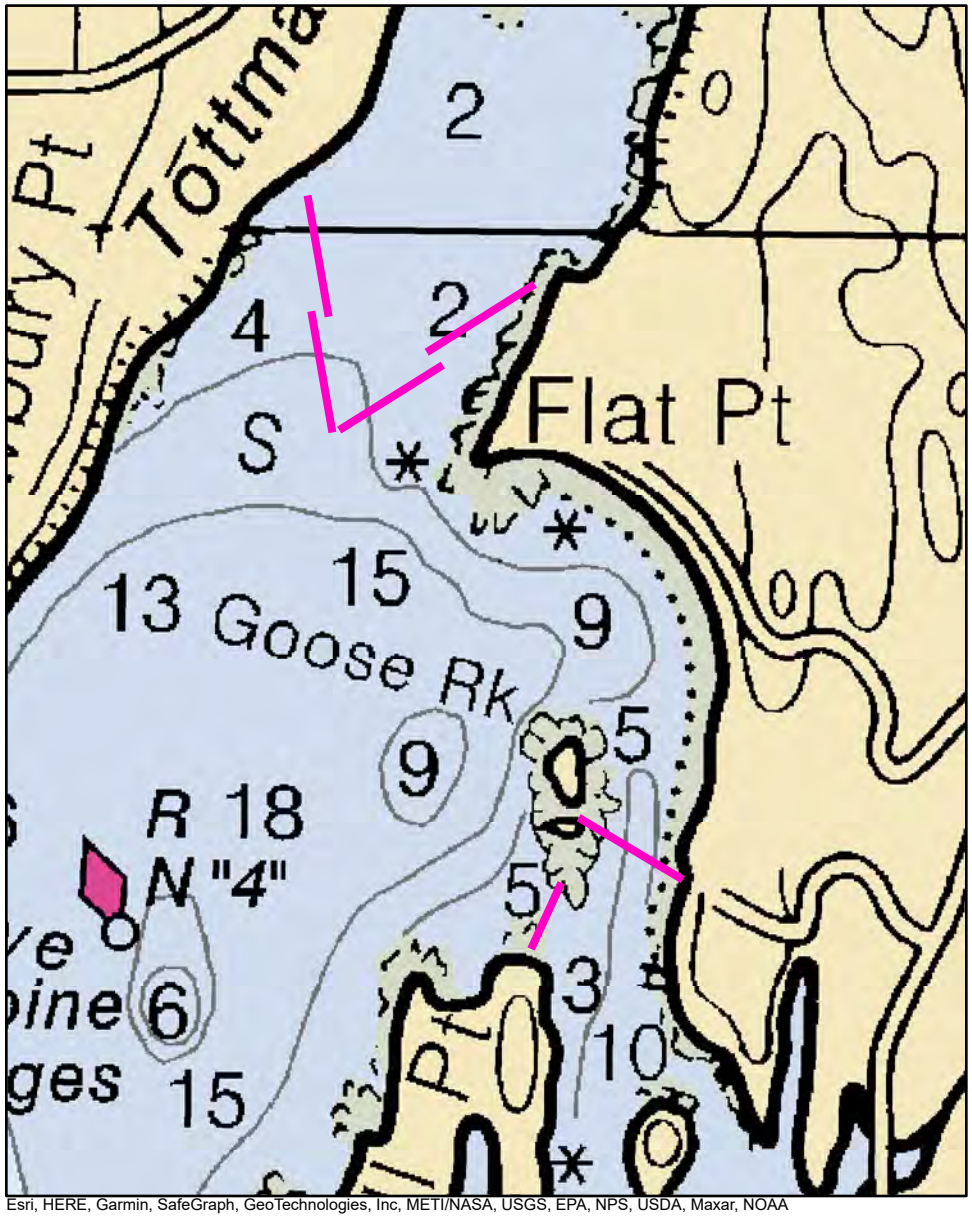


Legend

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



B-19-1 Cape Small Harbor / Tottman Cove

Town Phippsburg
Latitude 43° 44.773' N **Longitude** -69° 50.881' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** < 0.5 knots **Ebb**
Source Local knowledge estimate

Port Region Casco Bay
NOAA Chart # 13290_1
ESI Map # 46C
EVI Map # 15
DeLorme Map # (2019) 6 E4

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 Sheltered tidal flats, shellfish beds, marsh in upper reaches of both areas. Diadromous fish runs in North Creek above Tottman Cove

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

Strategy Information

Strategy Purpose to exclude oil from upper Tottman Cove and from Cape Small Harbor. Sebasco Estates has a part-tide ramp.

Staging Areas Beach adjacent to Tottman Cove? Possibly Small Point or Cundy's Harbor

Site Access By water from Sabino Point Landing, West Bath. Nearest address: 301 Sabino Road

Nearest Boat Ramp Sabino Point Landing, West Bath; lower portion is solid cobblestone; all tide

Collection Points N/A. Exclusion.

Special Instructions Difficult access, Sabino Point Landing is permit parking only, consider reaching out to Sag County Sheriff or Town of West Bath

Work Assignment Deploy four 450' lengths of boom to form a chevron in Tottman Cove.

Deploy one 450' length of boom from Goose Rock to eastern shore, and one 250' length of boom from Goose Rock to Mill Point.

Recommended Equipment / Resources

Length of Boom (feet) 2250
Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
8 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
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: 2/21/2018 **Last Field Visit** 6/22/2022 **Last Field Test:**

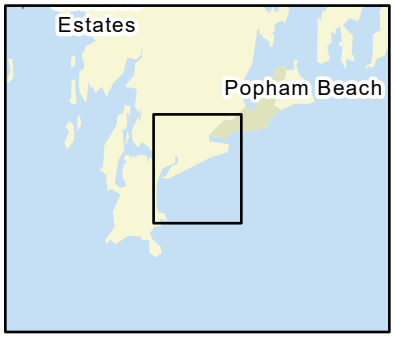
B-20-1

Sprague & Morse Rivers

Phippsburg, ME

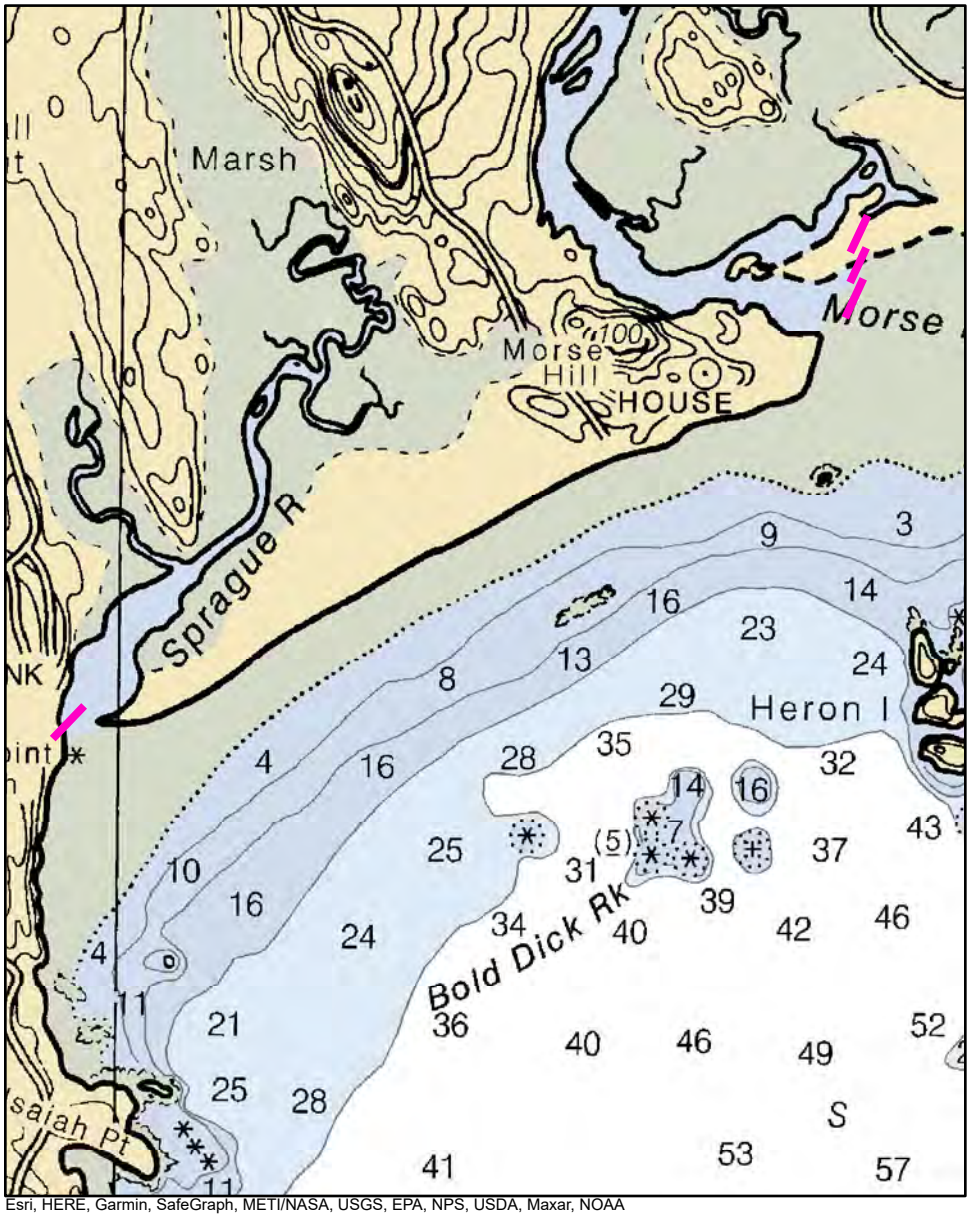
0 2,000 4,000 Feet

Date printed: 9/11/2022 6:55 AM



Legend

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



B-20-1 Sprague & Morse Rivers

Town Phippsburg
Latitude 43° 43.566' N **Longitude** -69° 49.238' W
Approx. Tidal Range (feet) Intertidal
Max Current (knots) **Flood** Minimal **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46C
EVI Map # 15
DeLorme Map # (2019) 6 E5

Resources At Risk

ESI Primary Shoreline Type Salt to brackish marshes (10A)
ESI Secondary Shoreline Type Fine to medium-grained sand beach (3A)

Environmental Concerns Extremely sensitive habitat. Extensive marshes, shorebird habitat, piping plover habitat, shellfish beds. Seabird nesting sites just offshore. Coastal barrier resources system. Consult with Maine Department of Inland Fisheries and Wildlife before deployment.

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

Strategy Information

Strategy Purpose Exclude oil from marshes and tidal flats beyond mouths of Sprague and Morse Rivers

Staging Areas Popham Beach State Park parking lot (Morse River side) or end of Hyde Road (Sprague River side), Phippsburg.

Site Access By water or overland from Popham Beach State Park (10 Perkins Farm Lane, Phippsburg) for Morse River side or from end of Hyde Road, Phippsburg for Sprague River side.

Nearest Boat Ramp Sebasco Estates has a part tide ramp (29 Kenyon Road, Phippsburg). Nearest all-tide ramp is Kennebec River public launch at 219 Fiddler's Reach Rd, Phippsburg.

Collection Points Possibly at beach. Main purpose is exclusion

Special Instructions Very difficult access.

Work Assignment Deploy 300 feet of boom at mouth of Sprague River.

Deploy three 300' sections of boom at mouth of Morse River.

May be possible to deploy sand barriers at channels.

Recommended Equipment / Resources

Length of Boom (feet) 1200 **Type of Boom** Intertidal or sorbent boom

Recommended Equipment (Minimum)

Sprague River:
1 - boat or vehicle
1 - shoreside connections. Rebar for staking.
2 - laborers

Morse River:
1 - 2 boats or vehicles
4 - anchor systems: 22 lb. Fortress or equivalent
2 - shoreside connections. Rebar for staking.
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: 2/21/2018 **Last Field Visit** **Last Field Test:**

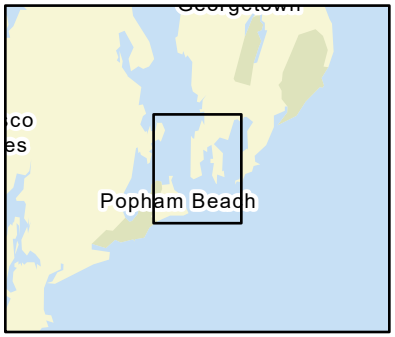
B-21-1

Lower Kennebec River

Phippsburg / Georgetown, ME

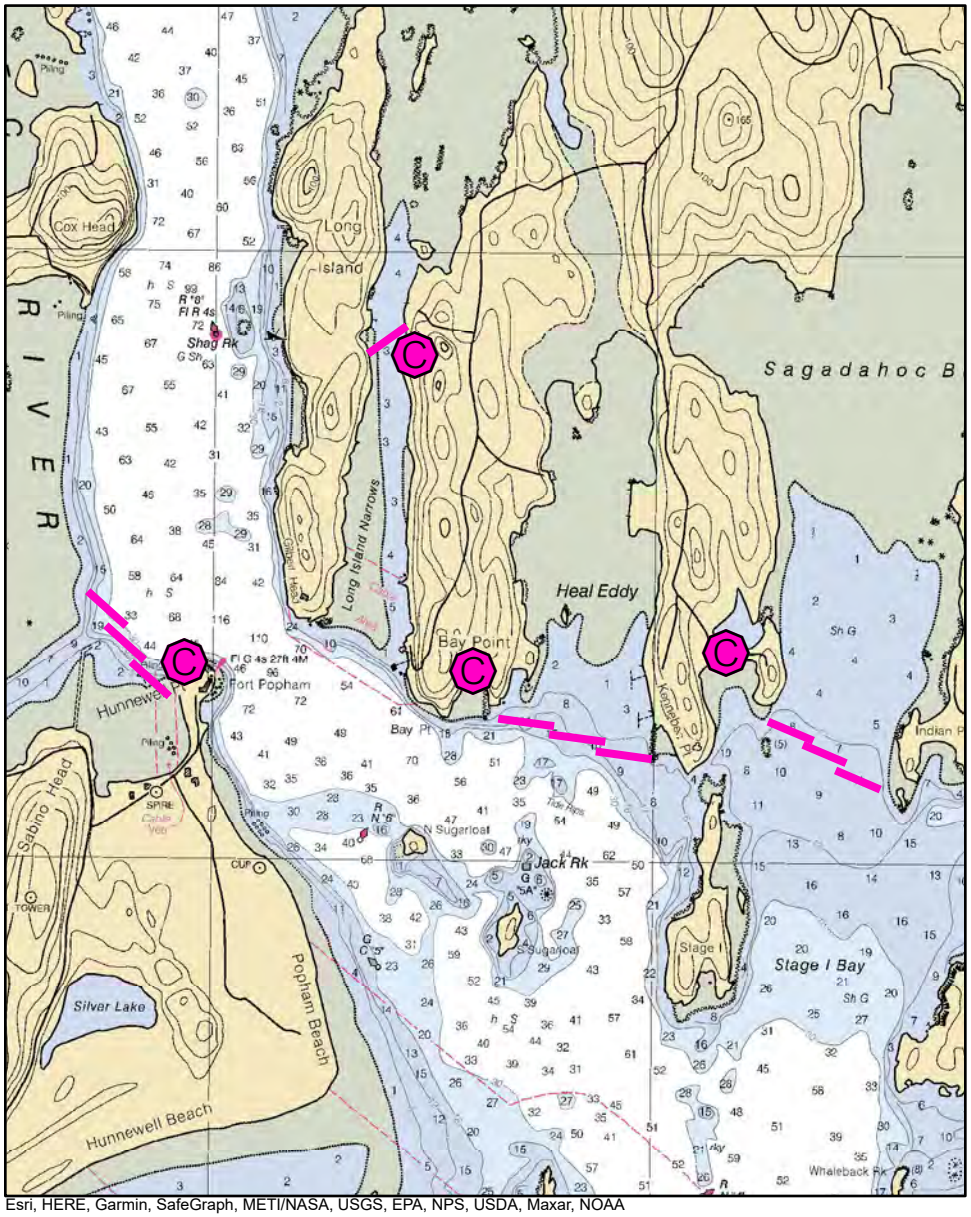
0 2,000 4,000 Feet

Date printed: 9/10/2022 7:51 PM



Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-21-1 Lower Kennebec River

Town Phippsburg / Georgetown
Latitude 43° 45.2' N **Longitude** -69° 46.193' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1 knot **Ebb**
Source Local knowledge estimate

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46C, 45D
EVI Map # 16, 15
DeLorme Map # (2019) 6 D5

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)
ESI Secondary Shoreline Type Exposed tidal flats (7)

Environmental Concerns Piping plover / Least tern and Roseate tern nesting areas. Shorebird habitat and shellfish beds, diadromous fish and historical sites. Notify Maine Dept. of Inland Fisheries & Wildlife and Maine Historical Preservation Commission.

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

Strategy Information

Strategy Purpose To divert oil before it enters Atkins Bay, Heal Eddy and Sagadahoc Bay

Staging Areas Ft. Popham State Historic Site parking lot, Popham Rd., Phippsburg

Site Access Fort Popham State Historic Site, Fernwood Lane, Georgetown, Bay Point and Kennebec Point (see collection areas)

Nearest Boat Ramp Kennebec River launch, 219 Fiddler's Reach Rd, Phippsburg (all-tide)

Collection Points Possible collection areas: Vicinity of Fort Popham (Atkins Bay); shoreline near 35 Fernwood Lane, Georgetown (Long Island); beach near 39 First Beach Road, Georgetown (Heal Eddy); and beach near 41 Little Harbor Head Lane, Georgetown (Sagadahoc Bay)

Special Instructions Contact Maine State Historical Preservation Commission and Maine Dept. of Inland Fisheries and Wildlife prior to deployment.

Work Assignment Primary: Deploy three 400' sections of boom from the vicinity of the Popham Beach / Seguin Island Ferry Landing at Fort Popham across the channel in Atkins Bay.

Secondaries: 1. Deploy 500' of boom across the channel between Long Island and Georgetown mainland. 2. Deploy three 500 foot sections of boom across the entrance of Heal Eddy. 3. Deploy three 400' sections of boom across the entrance to Sagadahoc Bay.

Recommended Equipment / Resources

Length of Boom (feet)

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)

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

For each secondary strategy:
1 - vacuum truck or skimmer and storage
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Long Island: 2 shoreside connections
Heal Eddy: 6 anchor systems
Sagadahoc Bay: 6 anchor systems

Each anchor system with 36 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.

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

Last Desktop Validation: 3/6/2018 **Last Field Visit** **Last Field Test:**

B-22-1

Lower Kennebec River / Mill Pond

Phippsburg, ME

0 925 1,850 Feet

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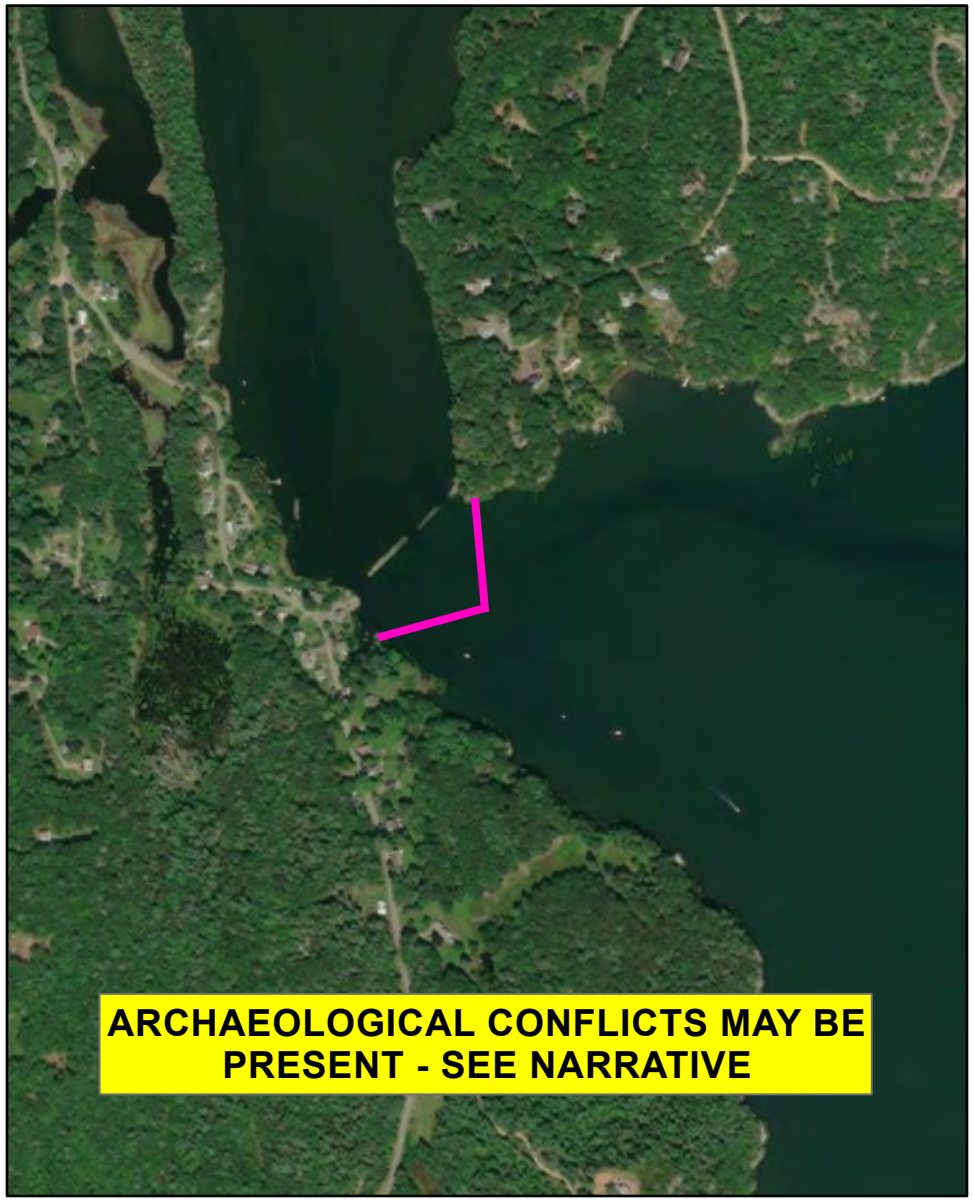
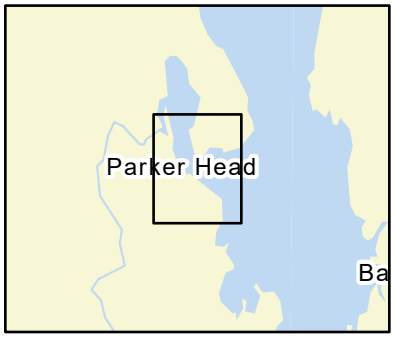
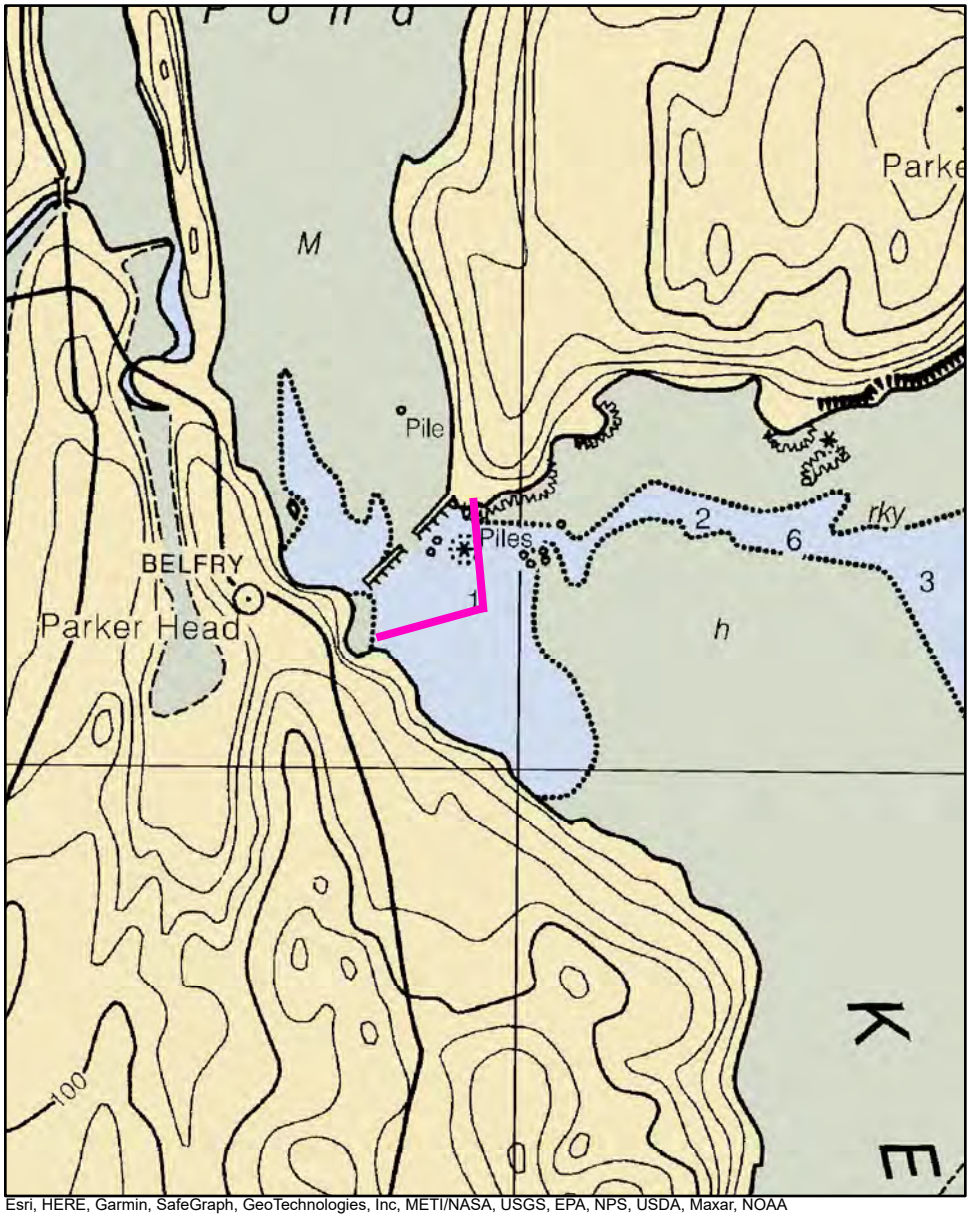




Legend

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



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B-22-1 Lower Kennebec River / Mill Pond

Town Phippsburg
Latitude 43° 47.113' N **Longitude** -69° 48.068' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46C, 46A
EVI Map # 15, 19
DeLorme Map # (2019) 6 D5

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Exposed, solid man-made structures (1B)

Environmental Concerns Shorebirds, eelgrass and shellfish beds in cove

Archaeological Conflicts Avoid old mill dam located north of boom. Deployments where this will be affected will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To exclude oil from Mill Cove. Possible collection on west side off of Parker Cove Road

Staging Areas Kennebec River launch, Fiddler's Reach Road, Phippsburg

Site Access By water. Possible collection area near 582 Parker Head Rd off Rt. 209

Nearest Boat Ramp Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg (all tide)

Collection Points Possible collection point near 582 Parker Head Road off Route 209 in Phippsburg

Special Instructions Large flow through culvert

Work Assignment Deploy two 400' sections of boom at the mouth of Mill Pond to form an exclusion apex.

Recommended Equipment / Resources

Length of Boom (feet) 800
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 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: 3/29/2018 **Last Field Visit** **Last Field Test:**

B-23-1

Lower Kennebec River / Drummore Bay

Phippsburg, ME

0 830 1,660 Feet

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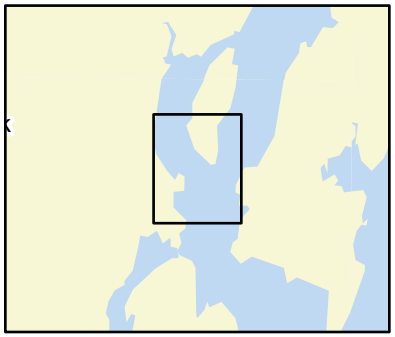
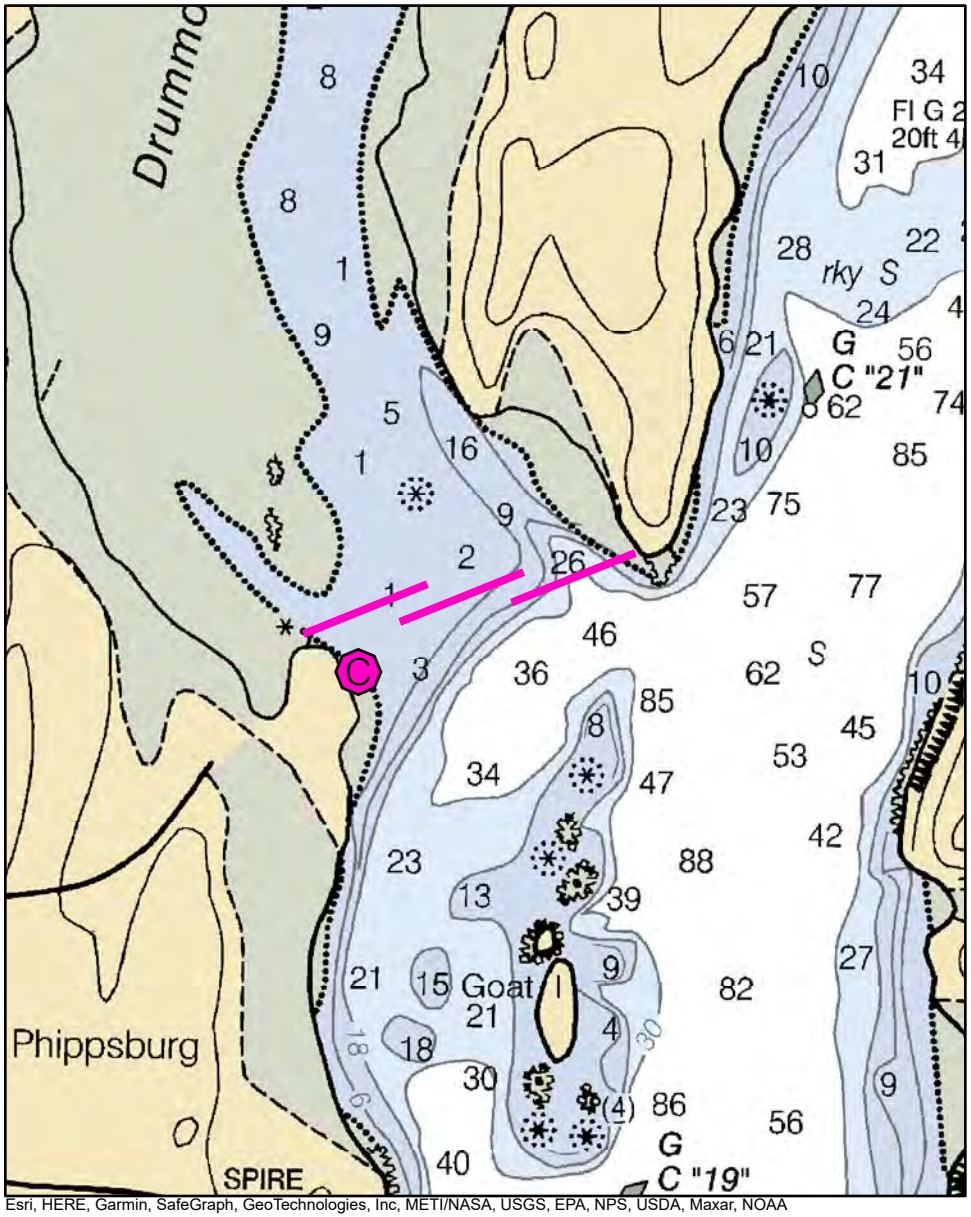


Legend

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



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B-23-1 Lower Kennebec River / Drummore Bay

Town Phippsburg
Latitude 43° 49.522'N **Longitude** -69° 48.458' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46A
EVI Map # 19
DeLorme Map # (2019) 6 D5

Resources At Risk

ESI Primary Shoreline Type Riprap (6B)
ESI Secondary Shoreline Type Exposed rocky shores (1A)

Environmental Concerns Shorebird area, saltmarsh

Archaeological Conflicts Minimize surface disturbance on Lee Island through use of tree straps or anchoring to boulders (if possible). Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert/exclude oil from Drummore Bay and adjoining marsh

Staging Areas Possibly at parking area off of Cranberry Point Road off of Rte. 209 in Phippsburg, Kennebec River launch, Fiddler's Reach Road, Phippsburg.

Site Access By water. Possible collection or staging from vicinity of 57 Cranberry Point Road, Phippsburg

Nearest Boat Ramp Kennebec River boat launch, 219 Fiddler's Reach Rd., Phippsburg

Collection Points Possibly from vicinity of 57 Cranberry Point Road, Phippsburg

Special Instructions

Work Assignment Deploy three 400 foot sections of boom between Phippsburg mainland and Lee Island

Recommended Equipment / Resources

Length of Boom (feet) 1200

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 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: 3/30/2018 **Last Field Visit** **Last Field Test:**

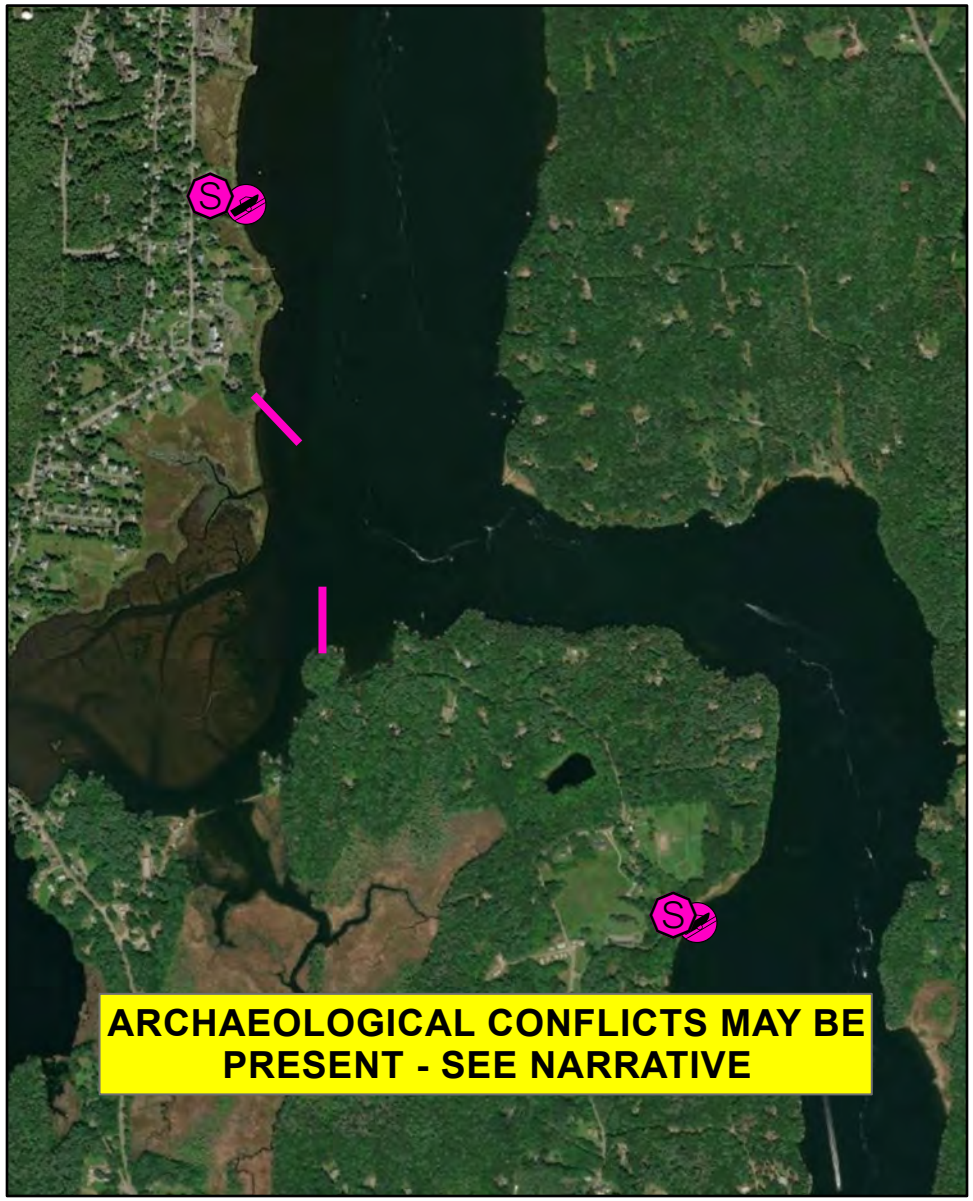
B-24-1

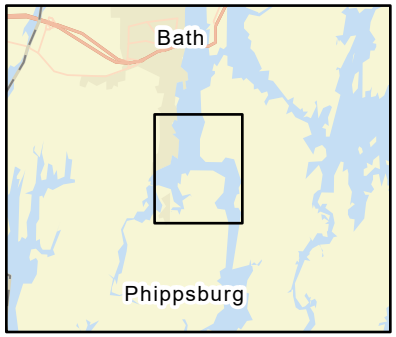
Middle Kennebec River / Winnegance

Phippsburg, ME

0 2,000 4,000 Feet

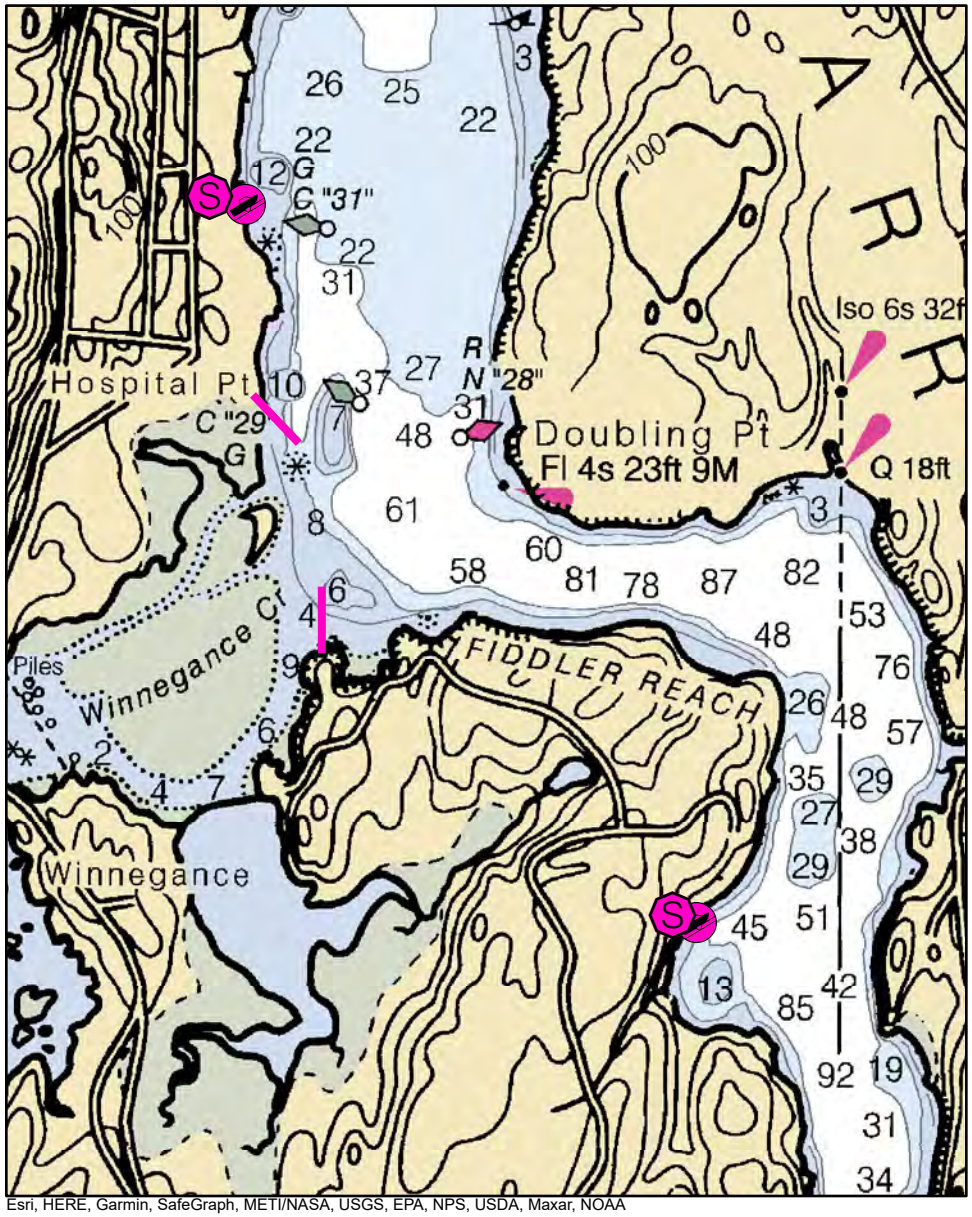
Date printed: 9/10/2022 7:51 PM





Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-24-1 Middle Kennebec River / Winnegance

Town Bath / Arrowsic
Latitude 43° 52.911' N **Longitude** -69° 48.776' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** Minimal inside cree **Ebb**
Source Observed

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46A
EVI Map # 19
DeLorme Map # (2019) 6 C5

Resources At Risk

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

Environmental Concerns Significant alewife run and ladder in Winnegance Bay. Salt marshes and shorebird habitat

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

Strategy Information

Strategy Purpose To deflect oil from Winnegance Bay.

Staging Areas South End boat ramp, 81 Washington Street, Bath or Kennebec River launch, 219 Fiddler's Reach Road, Phippsburg.

Site Access By water

Nearest Boat Ramp South End boat ramp, 81 Washington Street, Bath or Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg.

Collection Points N/A

Special Instructions Head of tide is at Route 209. Per observations, water will tend to stay in main Kennebec channel.

Work Assignment Deploy two 500' sections of boom at sides of Winnegance Bay to deflect oil.

Recommended Equipment / Resources

Length of Boom (feet) 1000

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 buoy.
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: 4/2/2018 **Last Field Visit** **Last Field Test:**

B-24-2

Middle Kennebec River / Sasanoa River

Woolwich / Arrowsic, ME

0 1,000 2,000 Feet

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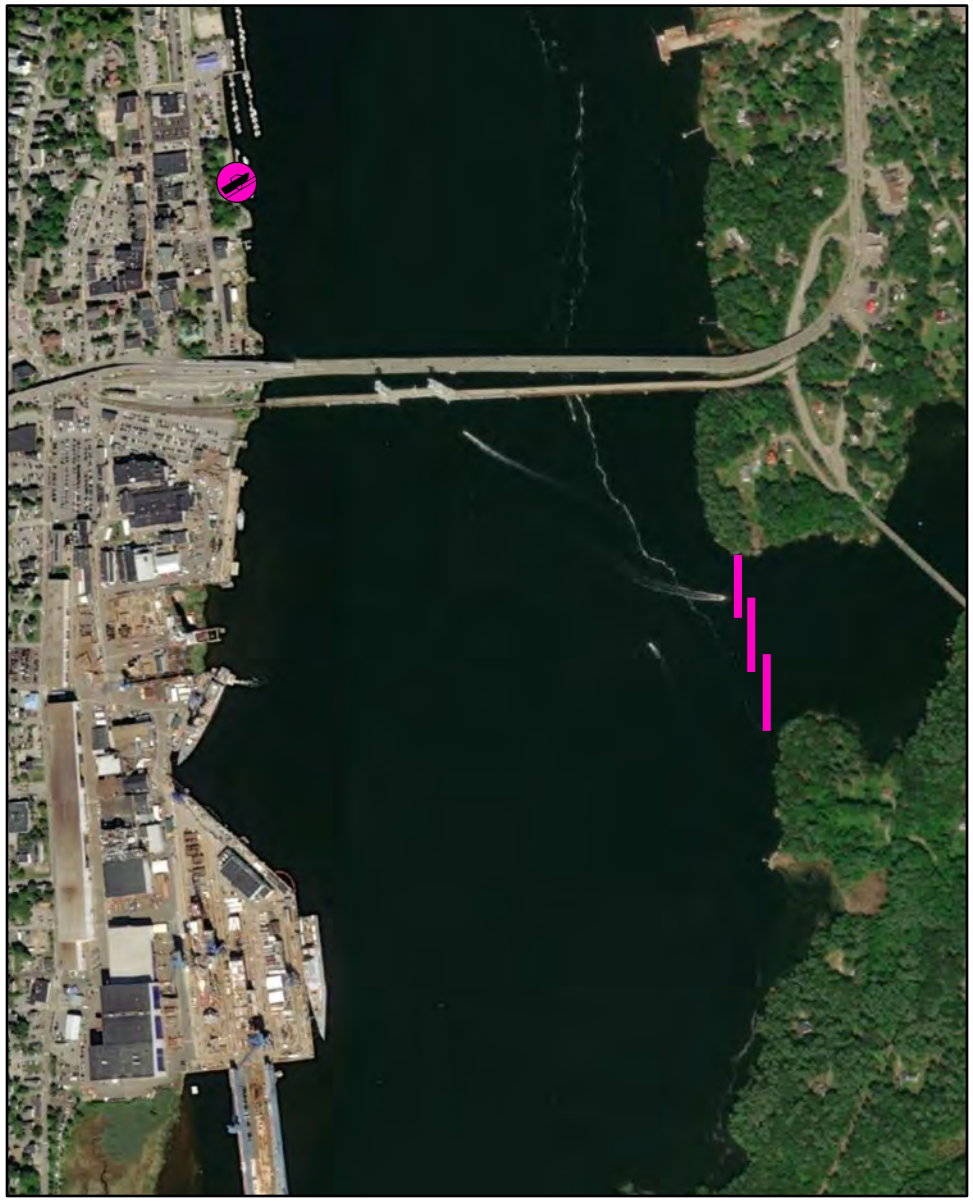
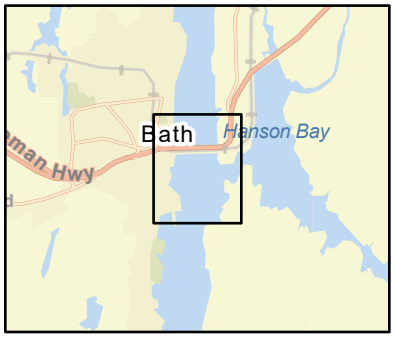
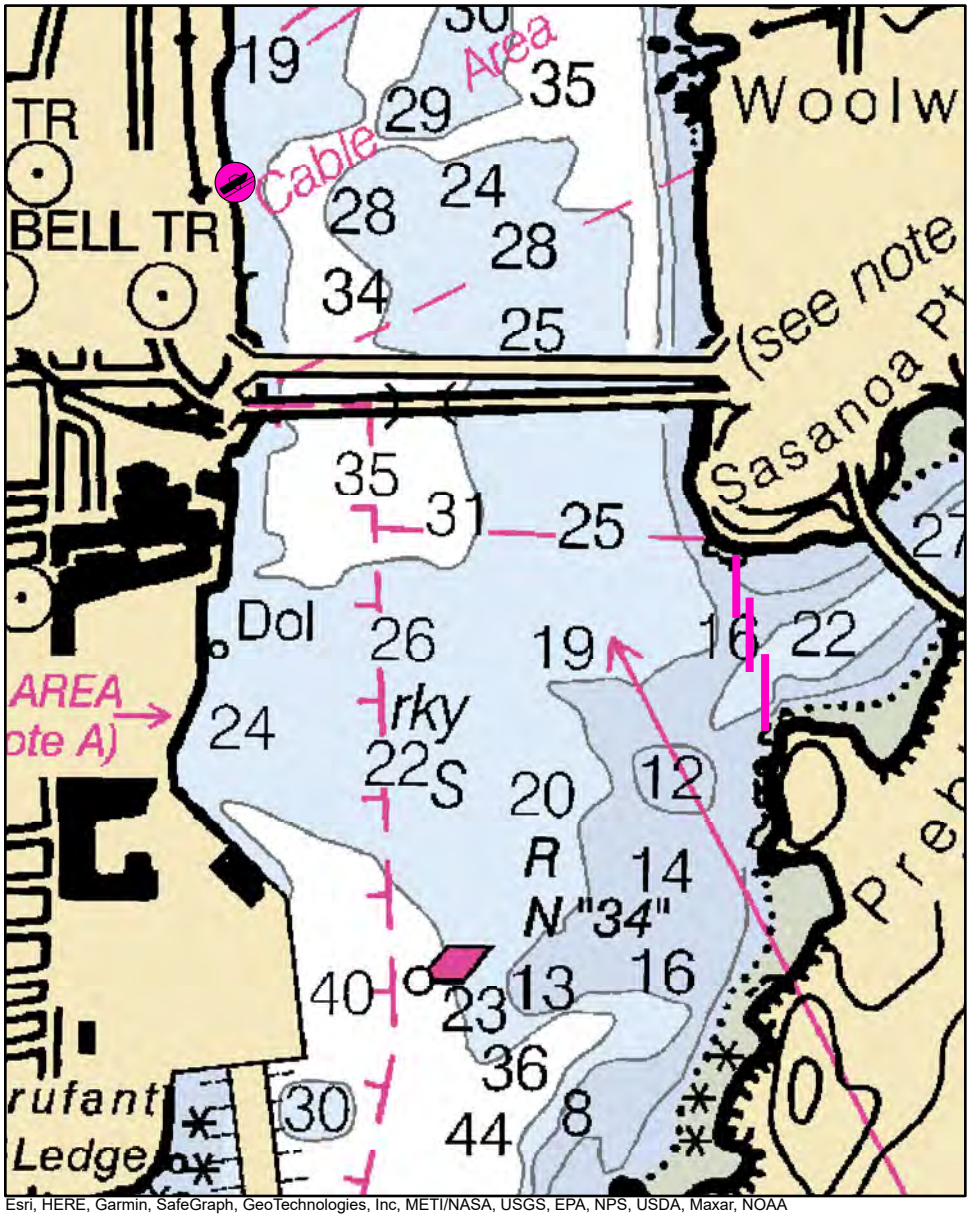




Legend

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



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B-24-2 Middle Kennebec River / Sasanoa River

Town Woolwich / Arrowsic
Latitude 43° 54.503' N **Longitude** -69 48.201' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 40C
EVI Map # 19
DeLorme Map # (2019) 6 C5

Resources At Risk

ESI Primary Shoreline Type Sheltered rocky shores (8A)
ESI Secondary Shoreline Type Sheltered tidal flats (9A)

Environmental Concerns Diadromous fish, shorebirds, rare plants

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

Strategy Information

Strategy Purpose To exclude oil from Sasanoa River

Staging Areas South End boat launch, 81 Washington Street, Bath

Site Access By water

Nearest Boat Ramp South End boat launch, 81 Washington Street, Bath

Collection Points N/A

Special Instructions

Work Assignment Deploy three 300' sections of boom across entrance to Sasanoa River

Recommended Equipment / Resources

Length of Boom (feet) 900
Type of Boom Harbor

Recommended Equipment (Minimum)
4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
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: 4/2/2018 **Last Field Visit** **Last Field Test:**

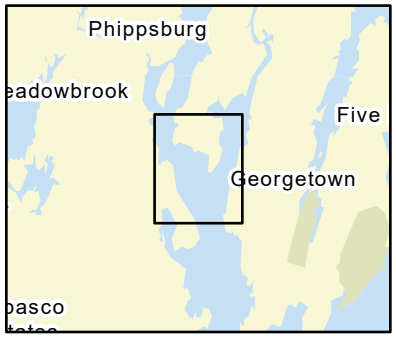
B-25-1

Back River - Spill from Downriver

Arrowsic / Georgetown, ME

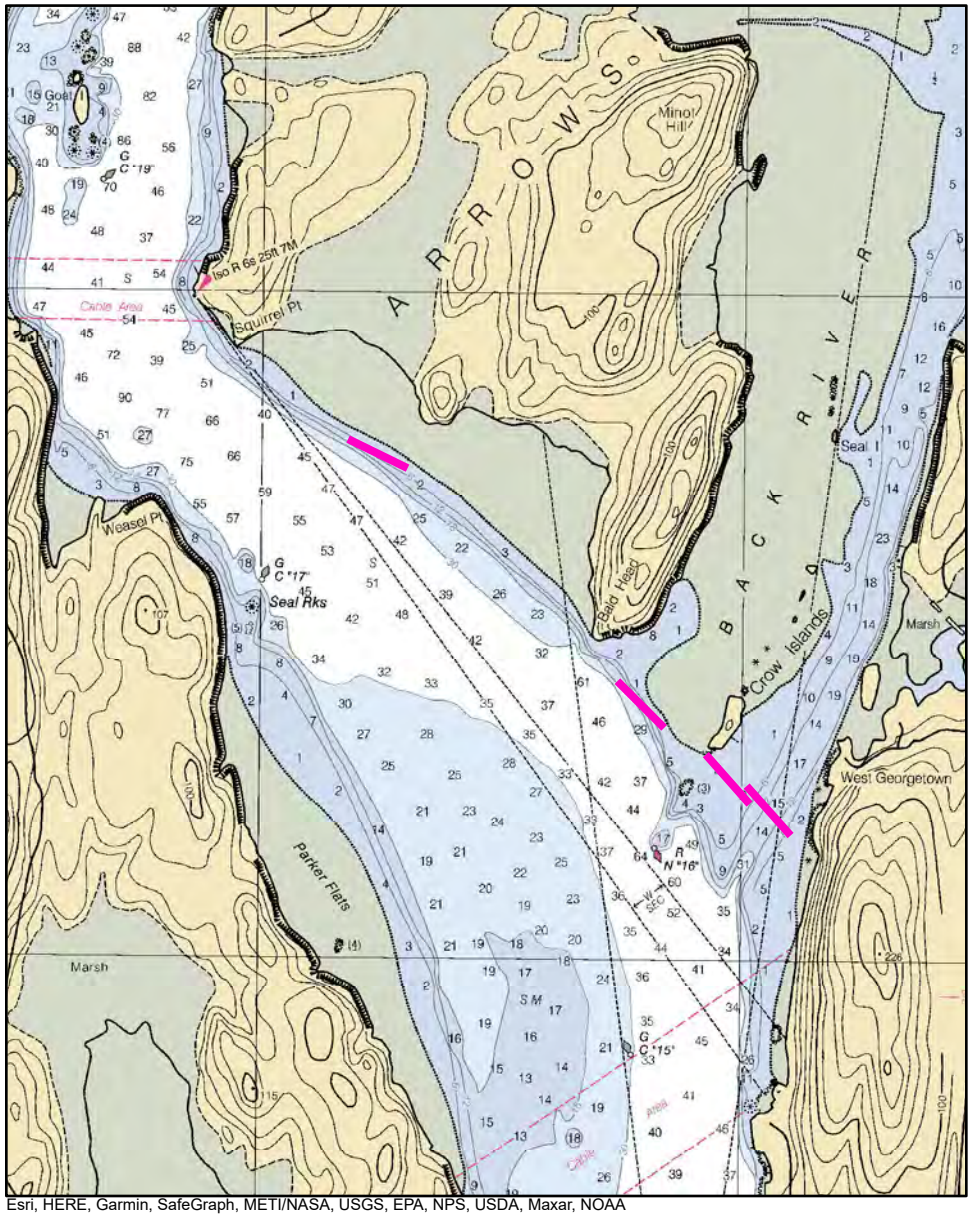
0 2,000 4,000 Feet

Date printed: 9/11/2022 6:54 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-25-1 Back River - Spill from Downriver

Town Arrowsic / Georgetown
Latitude 43° 48.154' N **Longitude** -69° 46.733' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46A
EVI Map # 19
DeLorme Map # (2019) 6 D5

Resources At Risk

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

Environmental Concerns Salt marsh, shorebird and waterfowl habitat, diadromous fish, rare plants

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

Strategy Information

Strategy Purpose To exclude / deflect oil from Back River and Squirrel Point marsh

Staging Areas Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg

Site Access By water

Nearest Boat Ramp Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg

Collection Points N/A

Special Instructions

Work Assignment Deploy two 500 foot sections of boom across the main channel of the Back River. Deploy a third 500 foot section of deflection boom between Crow Island and Bald Head. Deploy a fourth 500 foot section of boom to deflect oil from Squirrel Point marsh

Recommended Equipment / Resources

Length of Boom (feet) 1000
Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
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: 4/3/2018 **Last Field Visit** **Last Field Test:**

B-25-2

Back River - Spill from Upriver

Arrowsic / Georgetown, ME

0 2,000 4,000 Feet

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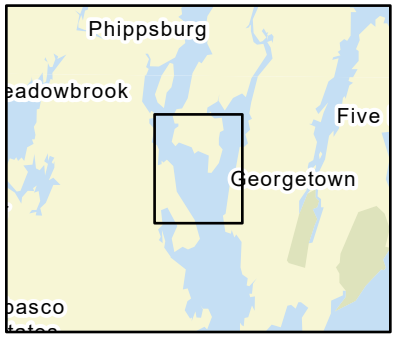
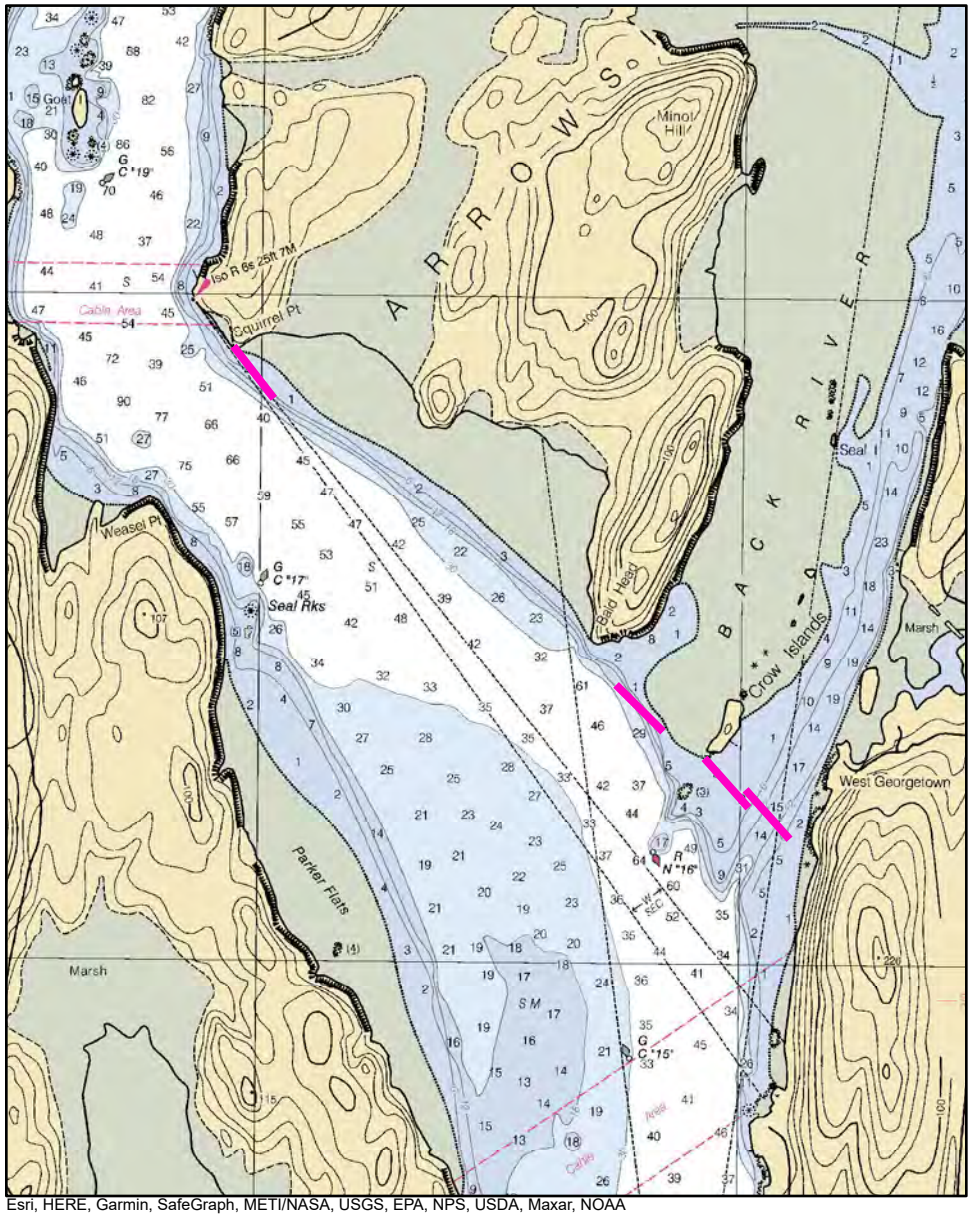


Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-25-2 Back River - Spill from Upriver

Town Arrowsic / Georgetown
Latitude 43° 48.154' N **Longitude** -69° 46.733
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 46A
EVI Map # 19
DeLorme Map # (2019) 6 D5

Resources At Risk

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

Environmental Concerns Saltmarsh, shorebird and waterfowl habitat, diadromous fish, rare plants

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

Strategy Information

Strategy Purpose To exclude / deflect oil from Back River and Squirrel Point marsh

Staging Areas Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg

Site Access By water

Nearest Boat Ramp Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg

Collection Points N/A

Special Instructions

Work Assignment Deploy one 500 foot section of boom at Squirrel Point to deflect oil away from marsh. Place a second 500 foot section of boom between Crow's Island and Bald Head to deflect from Back River. Place two additional 500 foot sections of boom across the main channel of Back River.

Recommended Equipment / Resources

Length of Boom (feet) 1000
Type of Boom 12" - 18" collection boom

Recommended Equipment (Minimum)
6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy.
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: 4/3/2018 **Last Field Visit** **Last Field Test:**

B-26-1

Little River - Georgetown

Georgetown, ME

0 725 1,450 Feet

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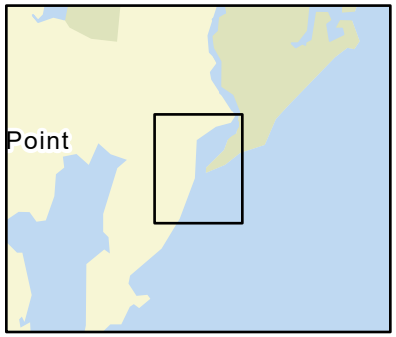
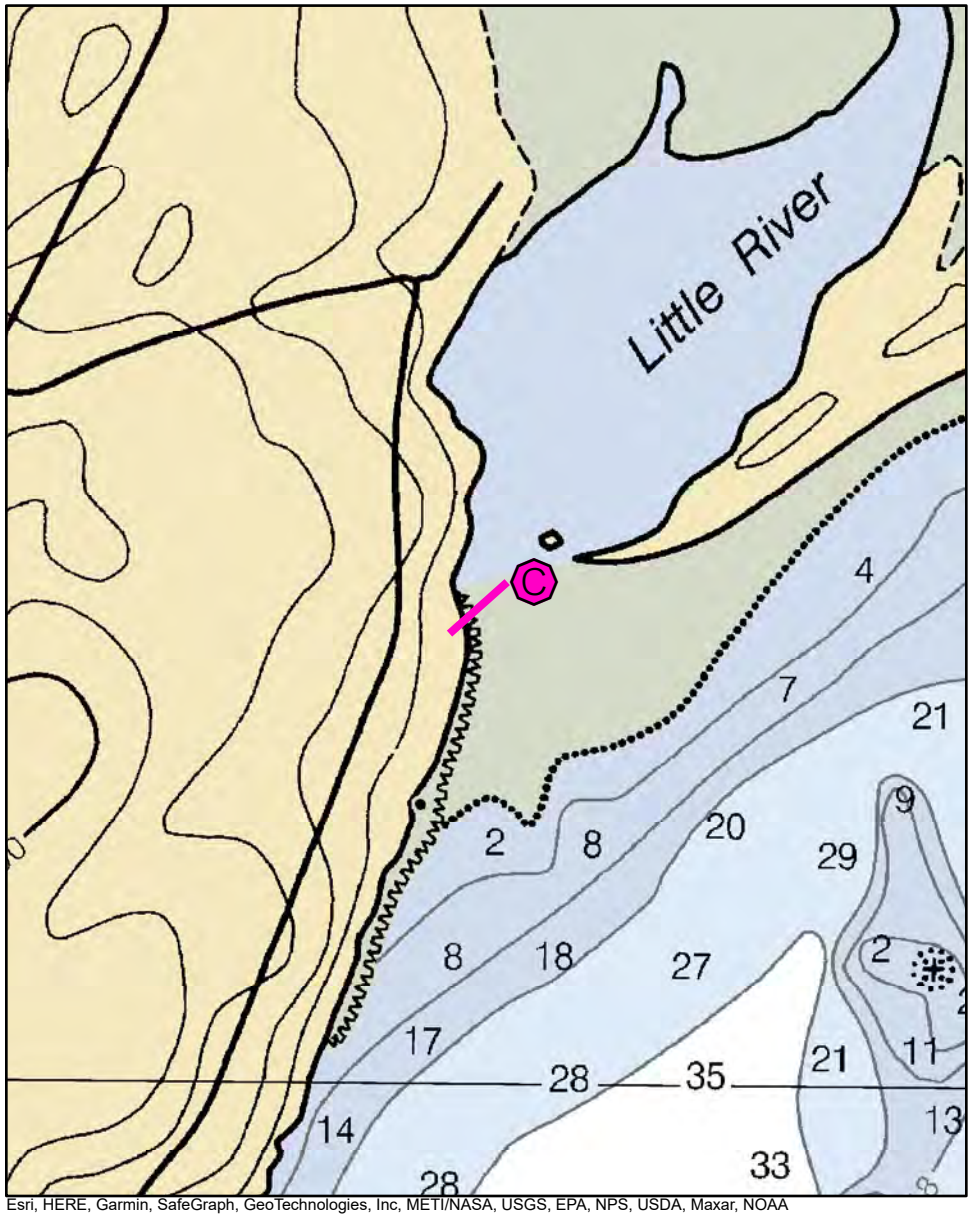


Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-26-1 Little River - Georgetown

Town Georgetown
Latitude 43° 46.236' N **Longitude** -69 44.476' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 45D
EVI Map # 16
DeLorme Map # (2019) 7 D1

Resources At Risk

ESI Primary Shoreline Type Exposed tidal flats (7)
ESI Secondary Shoreline Type Coarse grained sand beach (4)

Environmental Concerns Endangered species may be present: nesting areas for piping plovers / least terns and roseate terns. Contact Maine Department of Inland Fisheries & Wildlife. Saltmarsh associated with Little River. Shorebird and shellfish habitat. Reid State Park owns area to east side of river.

Archaeological Conflicts Utilize tree straps or boulder anchors on southwest end of boom if possible or keep within areas of existing disturbance. If items are found contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To exclude oil from Little River and marsh

Staging Areas Reid State Park Parking area; Kennebec River boat launch, Phippsburg; Back River boat launch, Boothbay

Site Access By water or from Reid State Park for east side.

Nearest Boat Ramp Kennebec River boat launch, 219 Fiddler's Reach Road, Phippsburg or Back River boat launch, West Barter's Island Rd, Boothbay

Collection Points Possibly from sand spit at Reid State Park on east side. West side from vicinity of 36 Loop Road, Georgetown or end of Moon Shell Lane (at end of Loop Road)

Special Instructions Very difficult access. Will need machine or boat to transport boom.

Work Assignment Deploy 250 - 500 feet of boom across Little River channel

Recommended Equipment / Resources

Length of Boom (feet) 250 - 500

Type of Boom 12" - 18" containment boom

Recommended Equipment (Minimum)
1 -Vehicle capable of transporting boom on sand beach or small boat
2 - shoreside connections including line and rebar
3 - 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: 4/3/2018 **Last Field Visit** **Last Field Test:**

B-27-1

Back and Cross Rivers

Boothbay, ME

0 2,000 4,000 Feet

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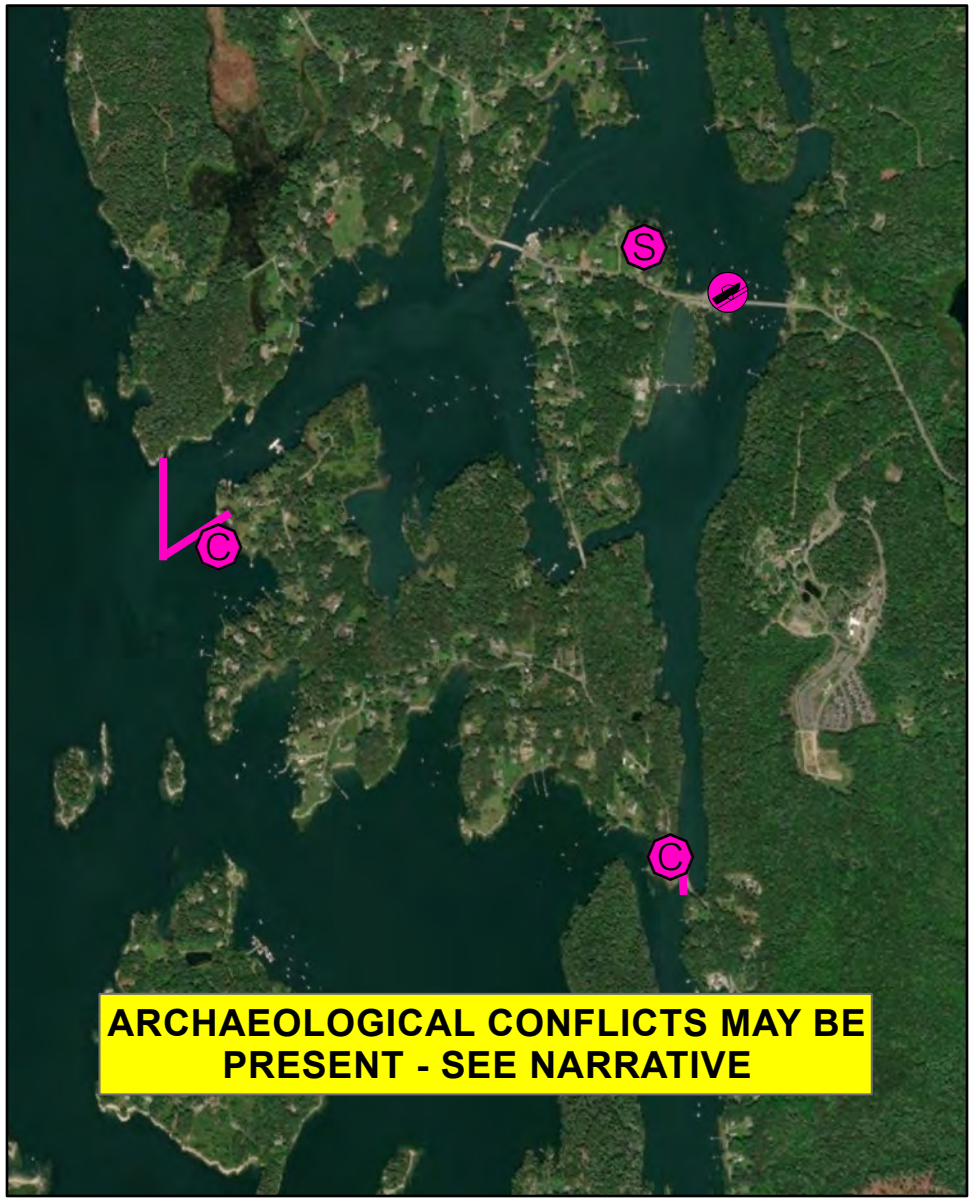
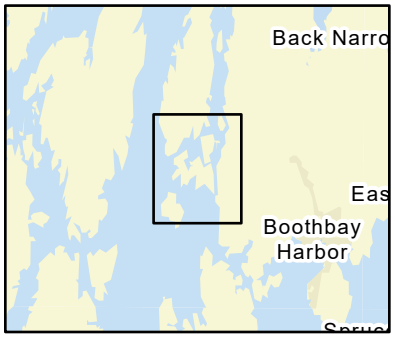
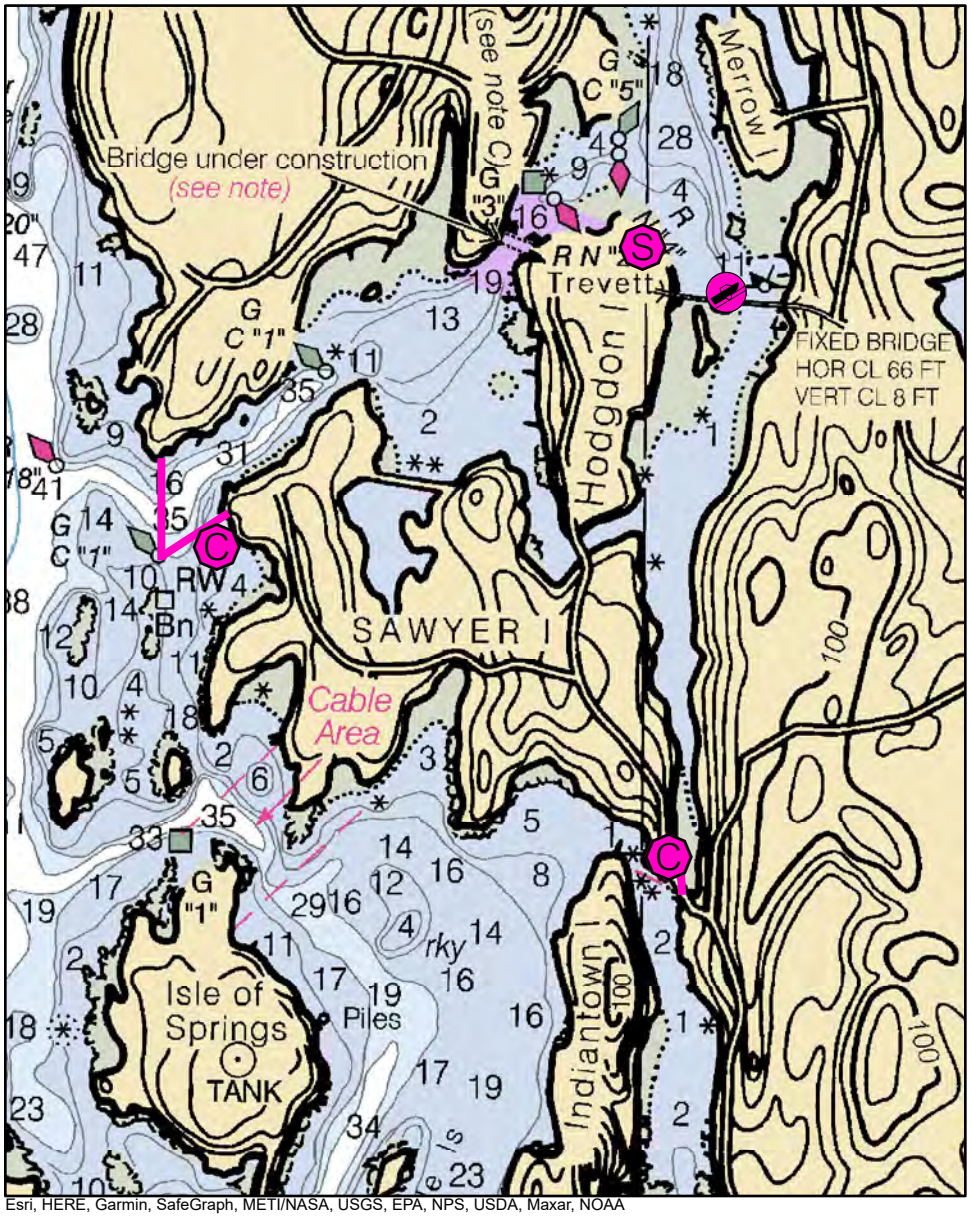




Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-27-1 Back and Cross Rivers

Town Boothbay
Latitude 43° 52.53' N **Longitude** 69° 41.01' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** minimal **Ebb**
Source Observed

Port Region Casco Bay
NOAA Chart # 13296_1
ESI Map # 45B, 45A
EVI Map # 24
DeLorme Map # (2019) 7 C1

Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)
ESI Secondary Shoreline Type Exposed rocky shores (1A)

Environmental Concerns Shellfish beds. Two lobster dealers and one lobster pound approx. 1 mile upstream. Mudflats and marine worm habitat upstream in Back 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 exclude / divert oil from Back River

Staging Areas Knickerkane boat ramp, 333 Barter's Island Road, Boothbay

Site Access By water from Knickerkane boat ramp

Nearest Boat Ramp Knickerkane boat ramp, 333 Barter's Island Road, Boothbay

Collection Points At the cove on the Sawyer Island side of the boom.

Special Instructions

Work Assignment Deploy 150' of boom at southern Sawyer Island Bridge across channel. Deploy 650' section of boom from north western point of Sawyer Island in a southwesterly direction and anchor in the center of the river at Green Can "1". Deploy a second 850' section of boom in a south southeasterly direction from the opposite mainland point and anchor in the center of the river to form a apex configuration with the first section of boom.

Recommended Equipment / Resources

Length of Boom (feet) 1850
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 buoy
4 - shoreside connections
1 - portable skimmer
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** 7/20/2004 **Last Field Test:**

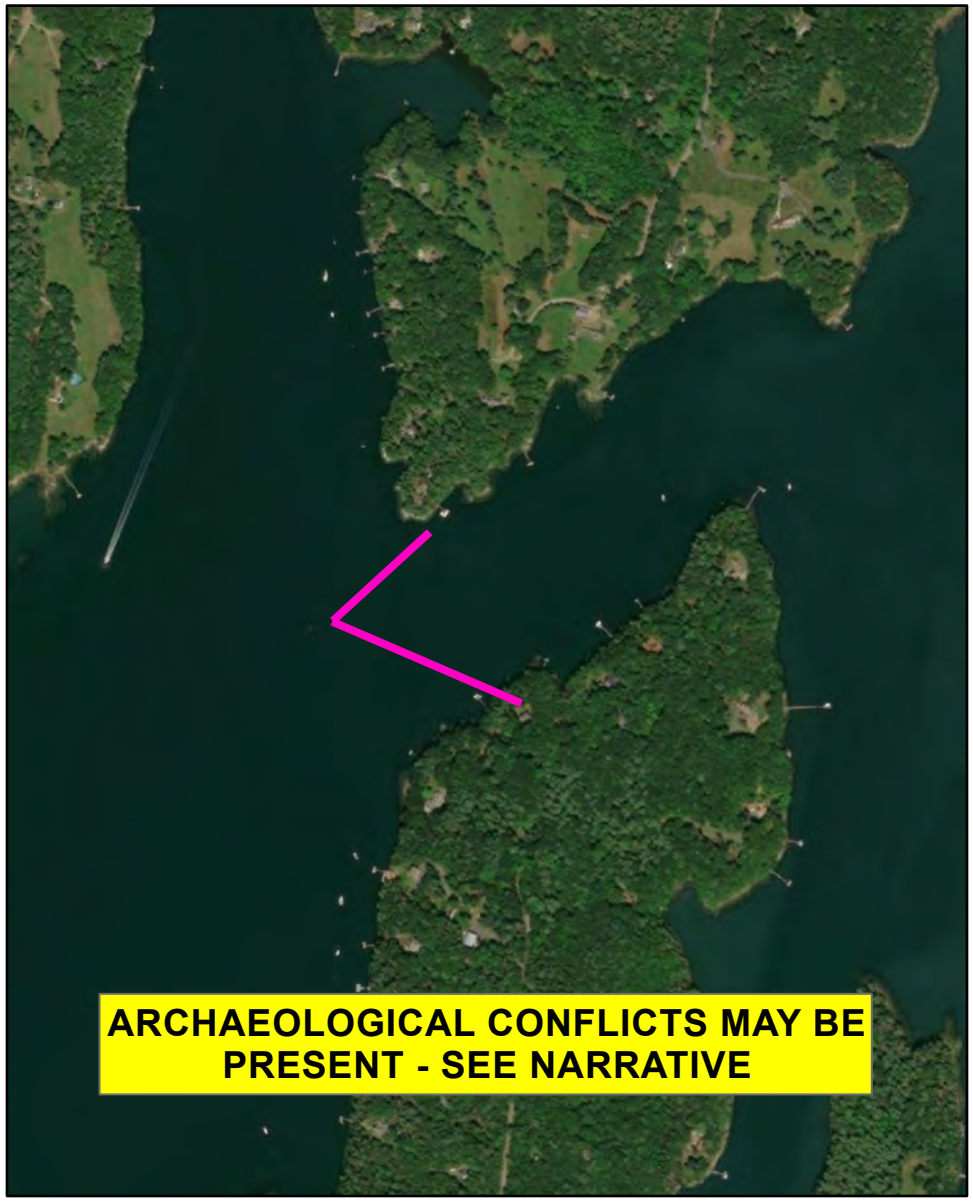
B-28-1

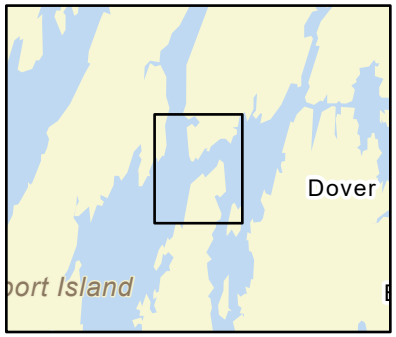
Cross River at Sheepscot River

Edgecomb / Boothbay, ME

0 1,000 2,000 Feet

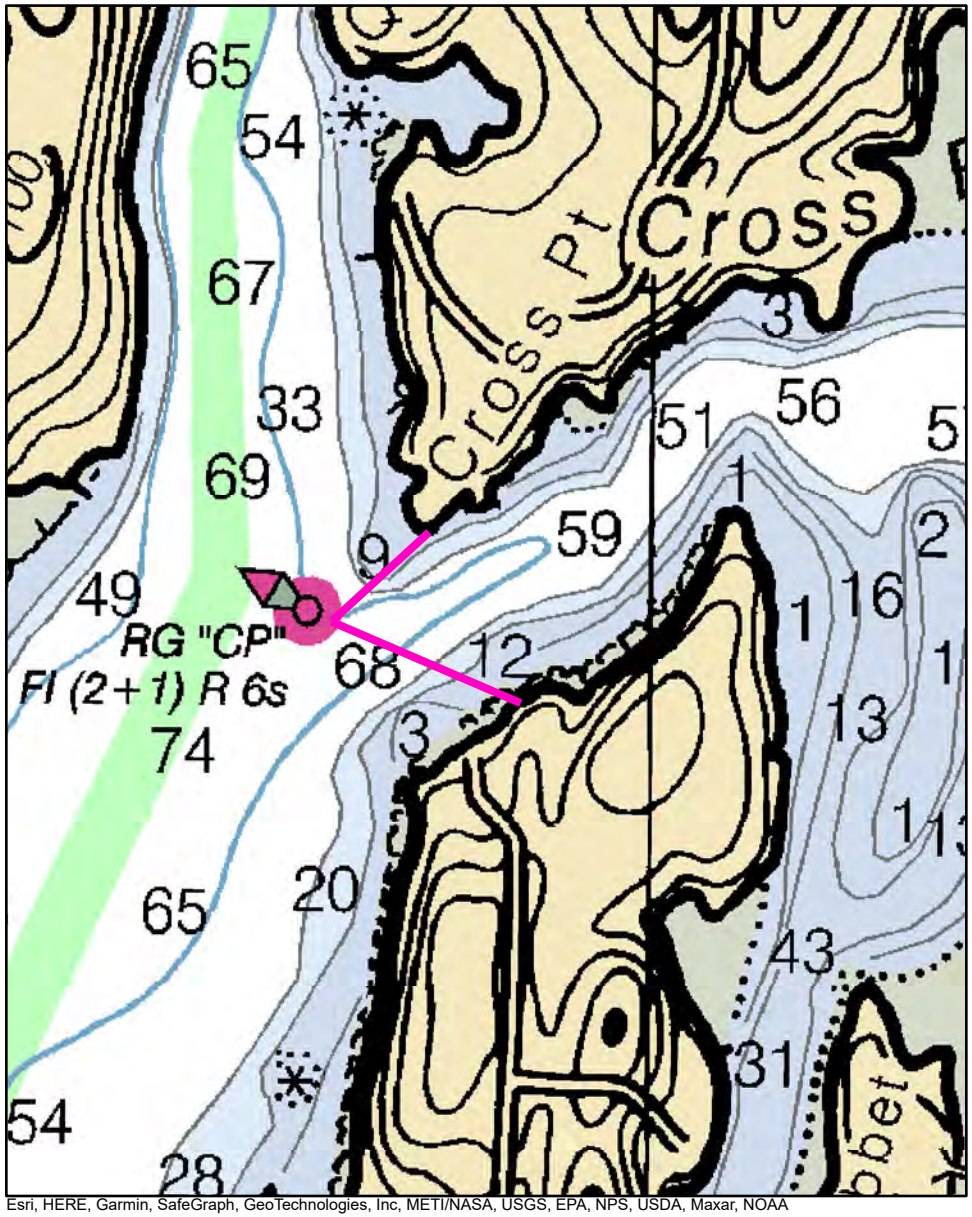
Date printed: 9/10/2022 7:51 PM





Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-28-1 Cross River at Sheepscot River

Town Edgecomb / Boothbay
Latitude 43° 55.20' N **Longitude** 69° 40.33' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** <1 knot **Ebb**
Source Observed

Port Region Casco Bay
NOAA Chart # 13296_1
ESI Map # 39D
EVI Map # 24
DeLorme Map # (2019) 7 B1

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 Shellfish beds. Marine worm habitat. Diadromous fish and elver runs in Cross 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 exclude oil from Cross River

Staging Areas Knickerkane boat ramp, 333 Barter's Island Road, Boothbay

Site Access By water from Knickerkane boat ramp

Nearest Boat Ramp Knickerkane boat ramp, 333 Bareter's Island Road, Boothbay

Collection Points N/A

Special Instructions

Work Assignment Deploy 600' of containment boom from Cross Point to vicinity of Red Gong "CP". Deploy a second leg of 1,000' of containment boom from Barter's Island to vicinity of Red Gong "CP".

Recommended Equipment / Resources

Length of Boom (feet) 1600 **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
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** 7/20/2004 **Last Field Test:**

B-29-1

North Edgecomb / Cushman Point

Wiscasset / Westport / Edgecomb, ME

0 3,000 6,000 Feet

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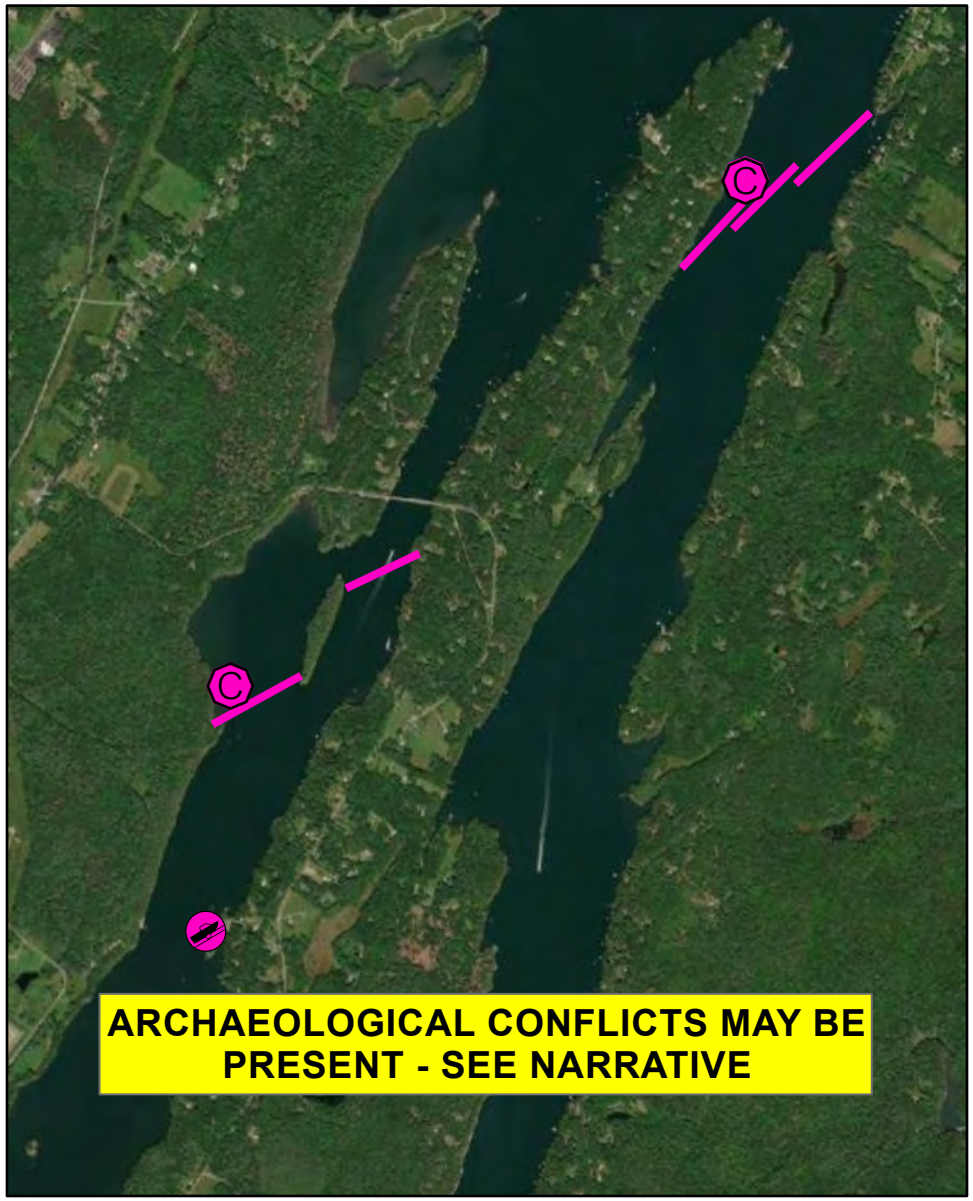
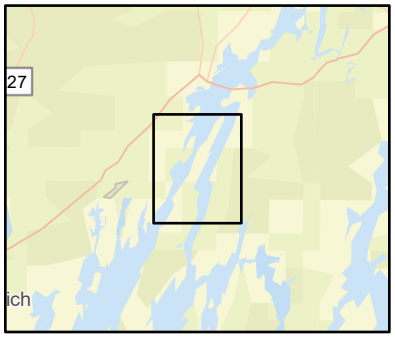
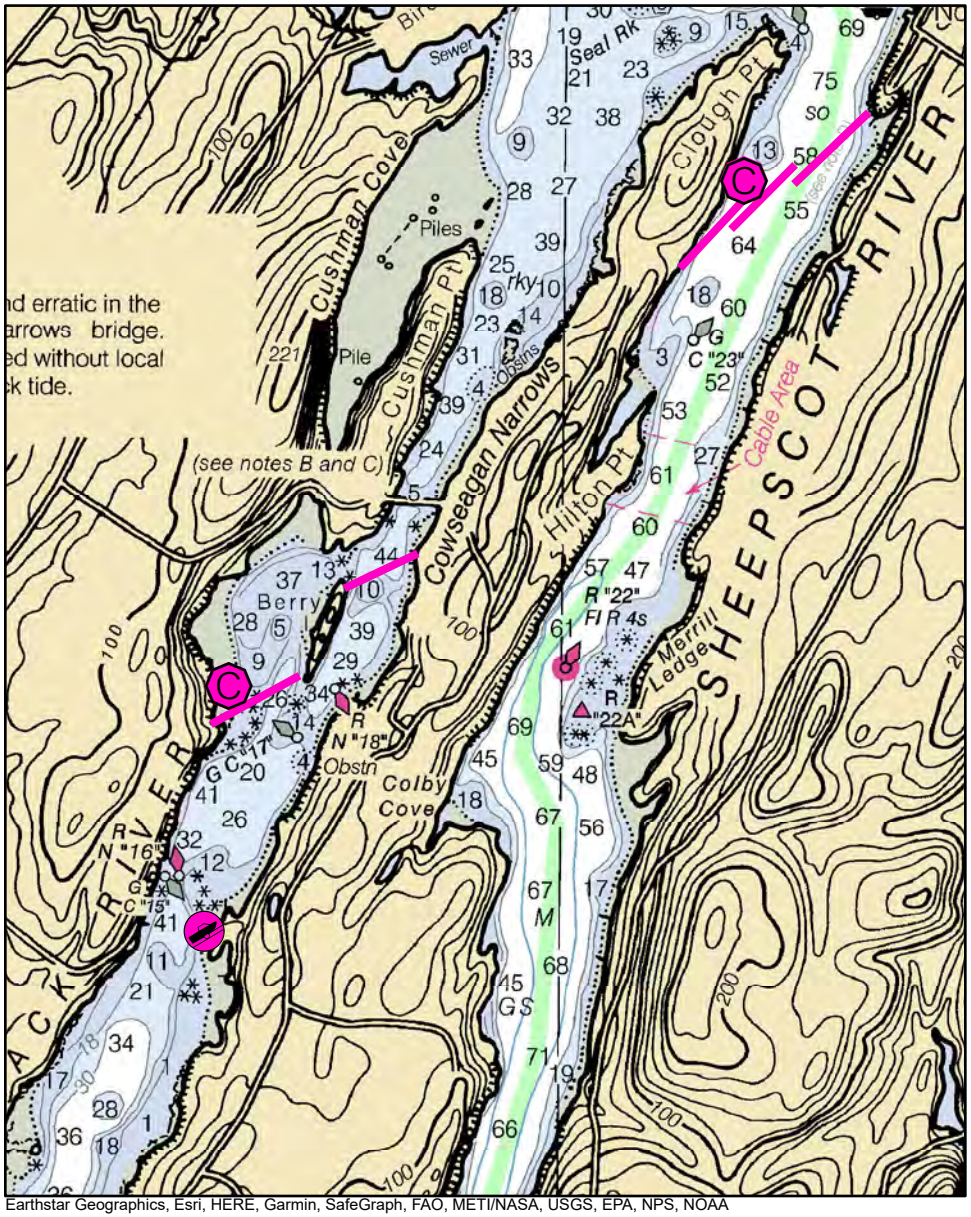




Legend

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



Earthstar Geographics, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, NOAA

B-29-1 North Edgecomb / Cushman Pt.

Town Wiscasset / Westport / Edgecomb
Latitude 43° 59.03' N **Longitude** 69° 39.50' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** 1.6 **Ebb**
Source Maine Yankee (at Cushman Pt)

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39D
EVI Map # 32
DeLorme Map # (2019) 7 B1

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Primary objective is to prevent oil from moving further up or down river to more sensitive areas.

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 prevent oil from moving further upriver or downriver

Staging Areas Wright Landing Municipal Boat Launch, Ferry Road, Westport Island or Wiscasset Yacht Club, 2 Water Street, Wiscasset

Site Access By water from Westport Island or Wiscasset

Nearest Boat Ramp Wright Landing Municipal boat launch, Ferry Road, Westport Island or Wiscasset Yacht Club, 2 Water Street, Wiscasset

Collection Points Westport, Wiscasset, North Edgecomb shores

Special Instructions

Work Assignment Deploy three 1000' sections of harbor boom from Clough Pt. on Westport Island to the North Edgecomb shore. If threat is from upstream, deploy 1100 feet of boom from Wiscasset side to Berry Island, and 900 feet of harbor boom from Berry Island to Westport Island to trap oil into cove and prevent it from moving downstream.

Recommended Equipment / Resources

Length of Boom (feet) 2000 - 3000

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Threat from upstream:

4 - shoreside connections
1 - portable skimmer
2 - workboats with minimum 90 hp
2 - boat operators
4 - laborers

Threat from downstream:

4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
2 - shoreside connections
1 - portable skimmer
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** 7/20/2004 **Last Field Test:**

B-30-1

Chewonki Nick / Montsweag Bay

Wiscasset, ME

0 1,000 2,000 Feet

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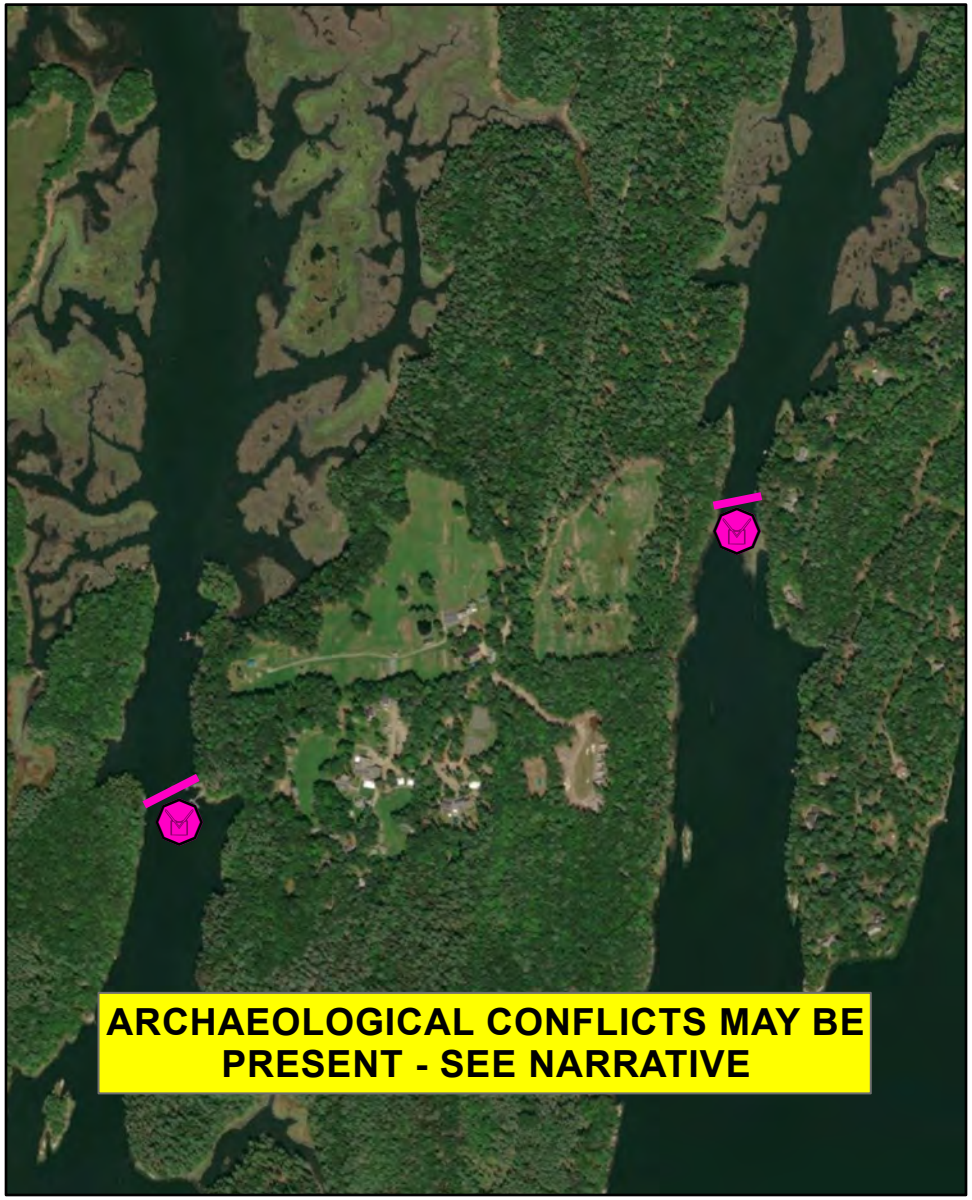
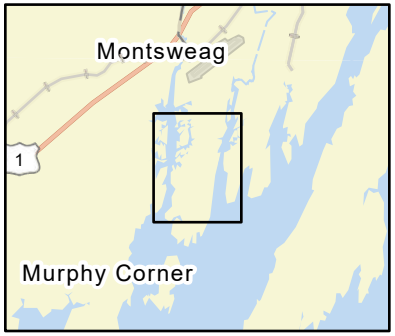
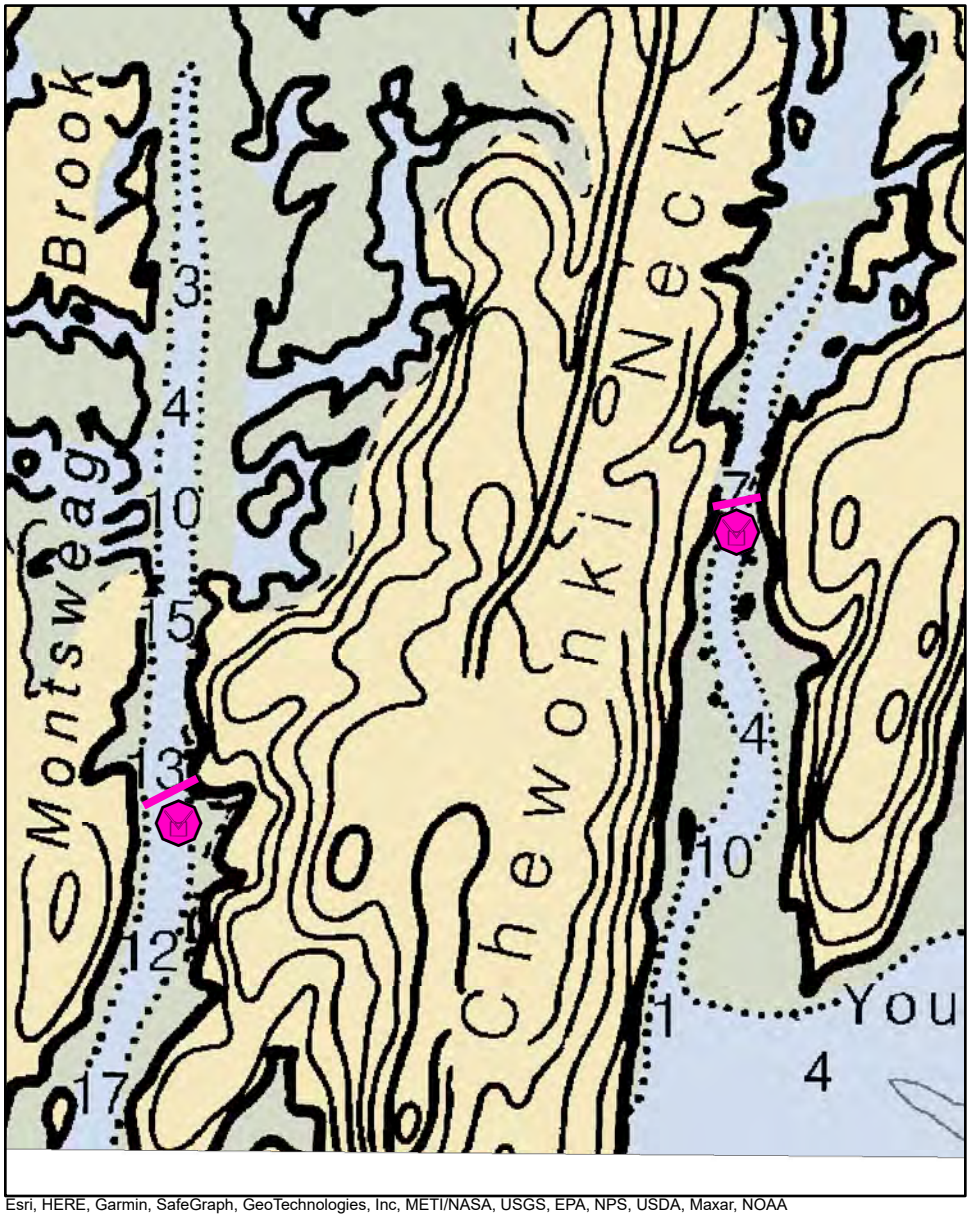




Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-30-1 Chewonki Neck / Montsweag Bay

Town Wiscasset
Latitude 43° 56.47' N **Longitude** 69° 42.70' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 40C, 39D
EVI Map # 32, 24
DeLorme Map # (2019) 7 B1

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Extensive mudflats, marshes, shellfish beds, marine worm areas, horseshoe crabs and diadromous fish runs. Montsweag Brook is first priority.

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 upper Montsweag Brook and Chewonki Creek marshes and mudflats

Staging Areas By boat or possibly from Chewonki Foundation property at 485 Chewonki Neck Road, Wiscasset and 51 or 61 Hemlock Road (for Chewonki Creek), Wiscasset if not winter conditions.

Site Access From staging areas above or by boat from Wright Landing boat launch on Westport Island

Nearest Boat Ramp Wright Landing boat launch, 12 Palmer Road, Wiscasset

Collection Points Adjacent to docks on Montsweag Brook and Chewonki Creek with on water skimmer

Special Instructions

Work Assignment Primary: Deploy 350 feet of boom within channel of Montsweag Brook from Chewonki Foundation dock across to western shore.
Secondary: Deploy 250 feet of boom across channel of Chewonki Creek.

Recommended Equipment / Resources

Length of Boom (feet) 600 **Type of Boom** 12" to 18" containment boom

Recommended Equipment (Minimum)

Primary (Montsweag Brook):
2 - shoreside connections
1 - portable skimmer
1 - shallow draft workboat
1 - boat operators
2 - laborers

Secondary (Chewonki Creek):
2 - shoreside connections
1 - portable skimmer
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** 10/17/2005 **Last Field Test:**

B-31-1

Sheepscot River, Wiscasset

Wiscasset / Edgecomb, ME

0 1,000 2,000 Feet

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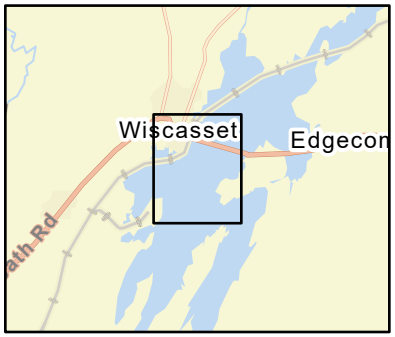
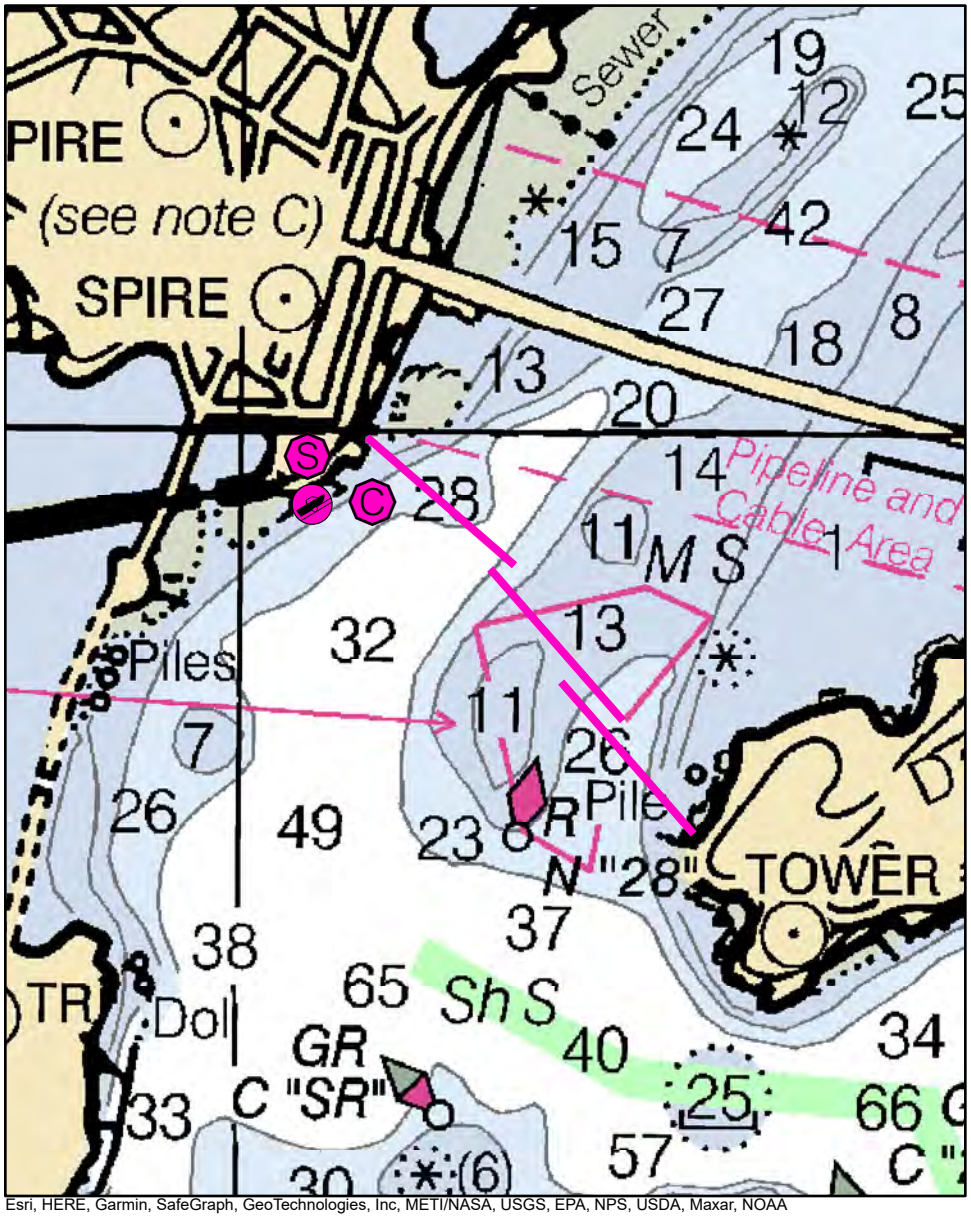


Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-31-1 Sheepscot River, Wiscasset

Town Wiscasset / Edgecomb
Latitude 44° 1.02' N **Longitude** 69° 39.56' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** 1.2 **Ebb**
Source Measured

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39B, 39D
EVI Map # 32
DeLorme Map # (2019) 7 A1

Resources At Risk

ESI Primary Shoreline Type Sheltered riprap (8C)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Shorebird and waterfowl areas, tidal flats, shellfish beds and marine worm habitat upriver. Diadromous fish runs, horseshoe crabs

Archaeological Conflicts Beware of inter- and subtidal wrecks in the area near the collection point and northwest boom anchoring location. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from moving upstream. If spill is from Wiscasset, reverse the cascade and run from Route 1 bridge on Edgecomb side to Wiscasset boat ramp.

Staging Areas Wiscasset Town Landing, Water Street, Wiscasset

Site Access Wiscasset Town Landing, Water Street, Wiscasset

Nearest Boat Ramp Wiscasset Town Landing, Water Street, Wiscasset

Collection Points Wiscasset Boat Ramp & Davis Island Cove south of Route 1 bridge.

Special Instructions Local Fire Department, lots of help in a oil spill response.

Work Assignment For threat from downstream, deploy three 900 foot sections of containment boom across the river from Wiscasset Town Landing to southern end of Davis Island.
For threat from upstream, reverse cascade and run from Route 1 bridge on Edgecomb side to Wiscasset Town Landing.

Recommended Equipment / Resources

Length of Boom (feet) 2700 **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
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** 7/20/2004 **Last Field Test:**

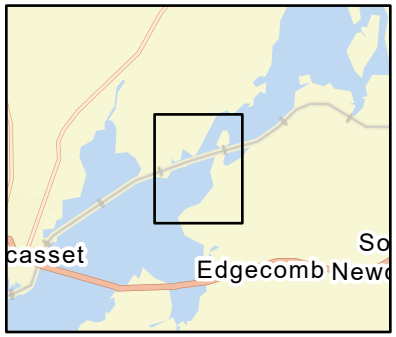
B-32-1

Upper Sheepscot River / Marsh River

Newcastle, ME

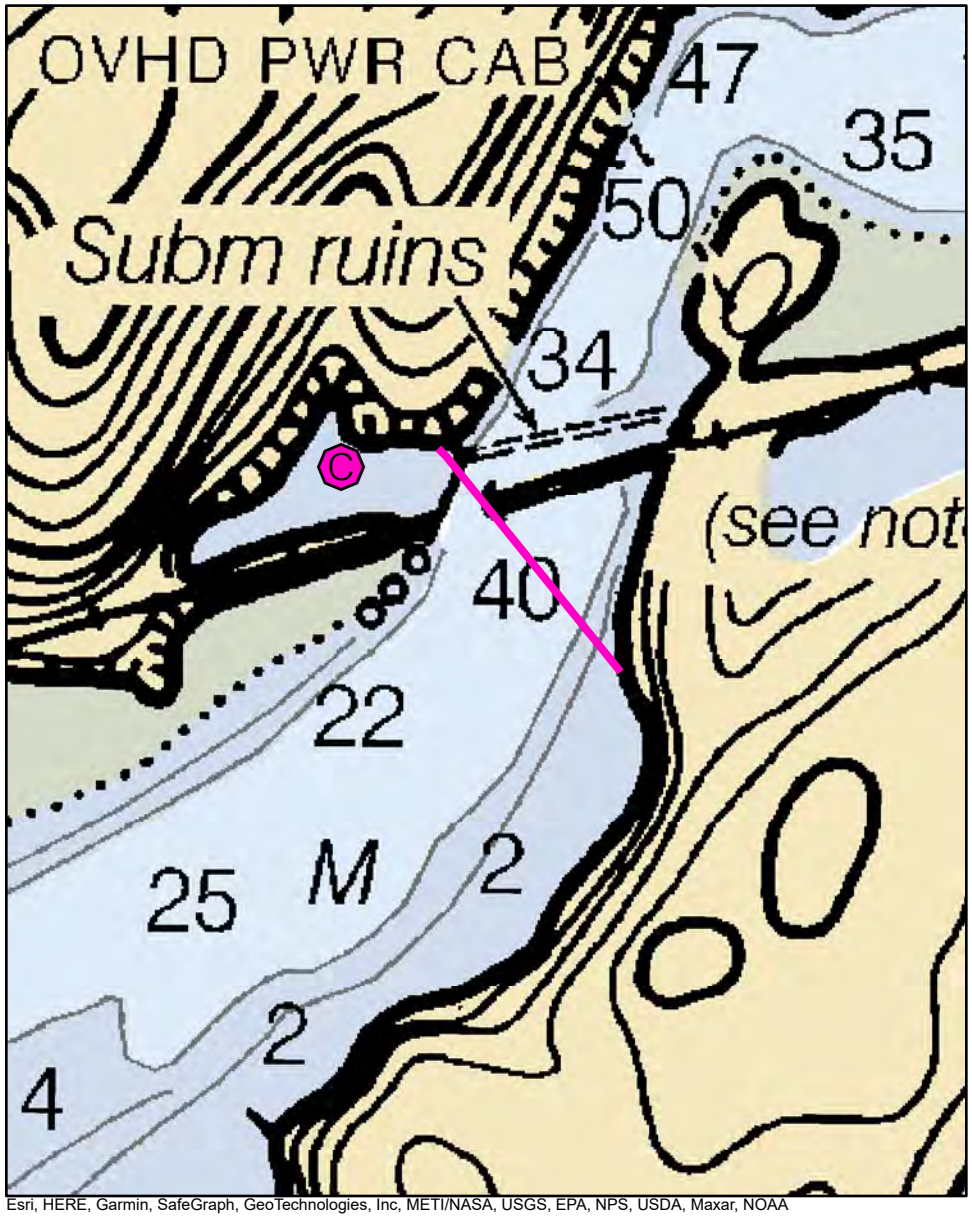
0 830 1,660 Feet

Date printed: 9/10/2022 7:51 PM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-32-1 Upper Sheepscot / Marsh River

Town Newcastle
Latitude 44° 00.87' N **Longitude** 69° 38.41' W
Approx. Tidal Range (feet) 9
Max Current (knots) **Flood** <0.7 **Ebb**
Source Measured

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39B
EVI Map # 33, 32
DeLorme Map # (2019) 7 A2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Exclude oil from upstream. Mudflats, saltmarsh, marine worms, shorebird and waterfowl areas, shellfish beds, diadromous fish and elver runs located upstream.

Archaeological Conflicts Keep northwest boom shore anchor at or near wrack line. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Secondary to B-36-1. To prevent oil from moving upriver and entering Marsh River.

Staging Areas Wiscasset Town Landing, Water Street, Wiscasset

Site Access By water from Wiscasset

Nearest Boat Ramp Wiscasset Town Landing, Water Street, Wiscasset

Collection Points NW of railroad bridge; boat most likely as inland accessibility is questionable.

Special Instructions

Work Assignment Deploy 1000' of harbor boom across Sheepscot River at railroad bridge to strand oil onshore northwest of bridge.

Recommended Equipment / Resources

Length of Boom (feet) 1000

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 buoy
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** 7/20/2004 **Last Field Test:**

B-33-1

Pleasant Cove, Damariscotta River

Boothbay, ME

0 1,000 2,000 Feet

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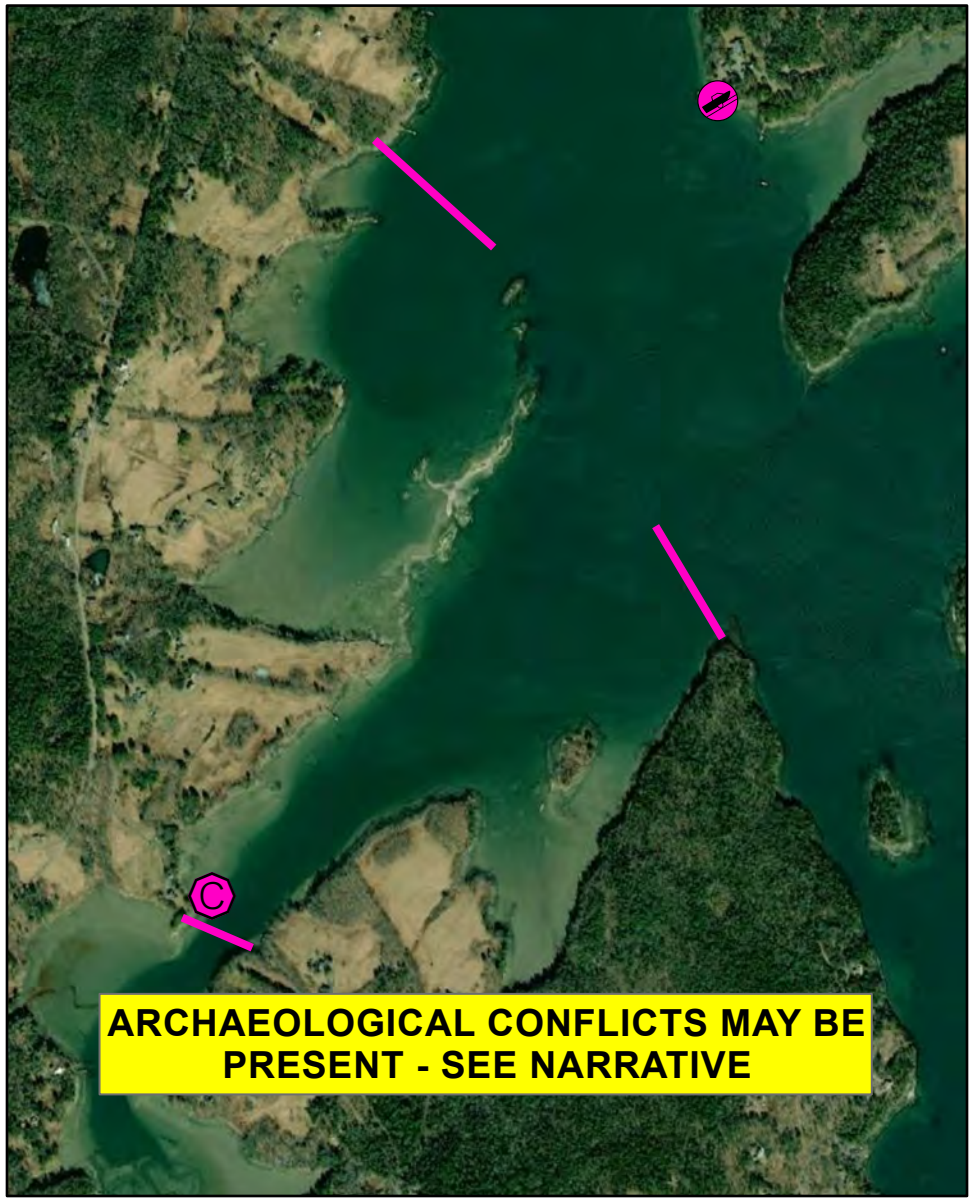
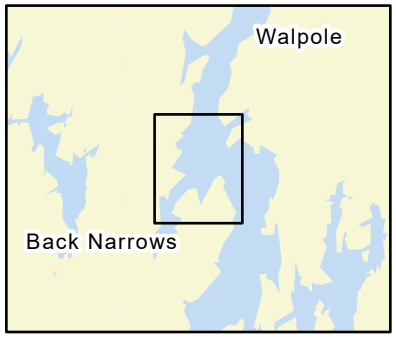
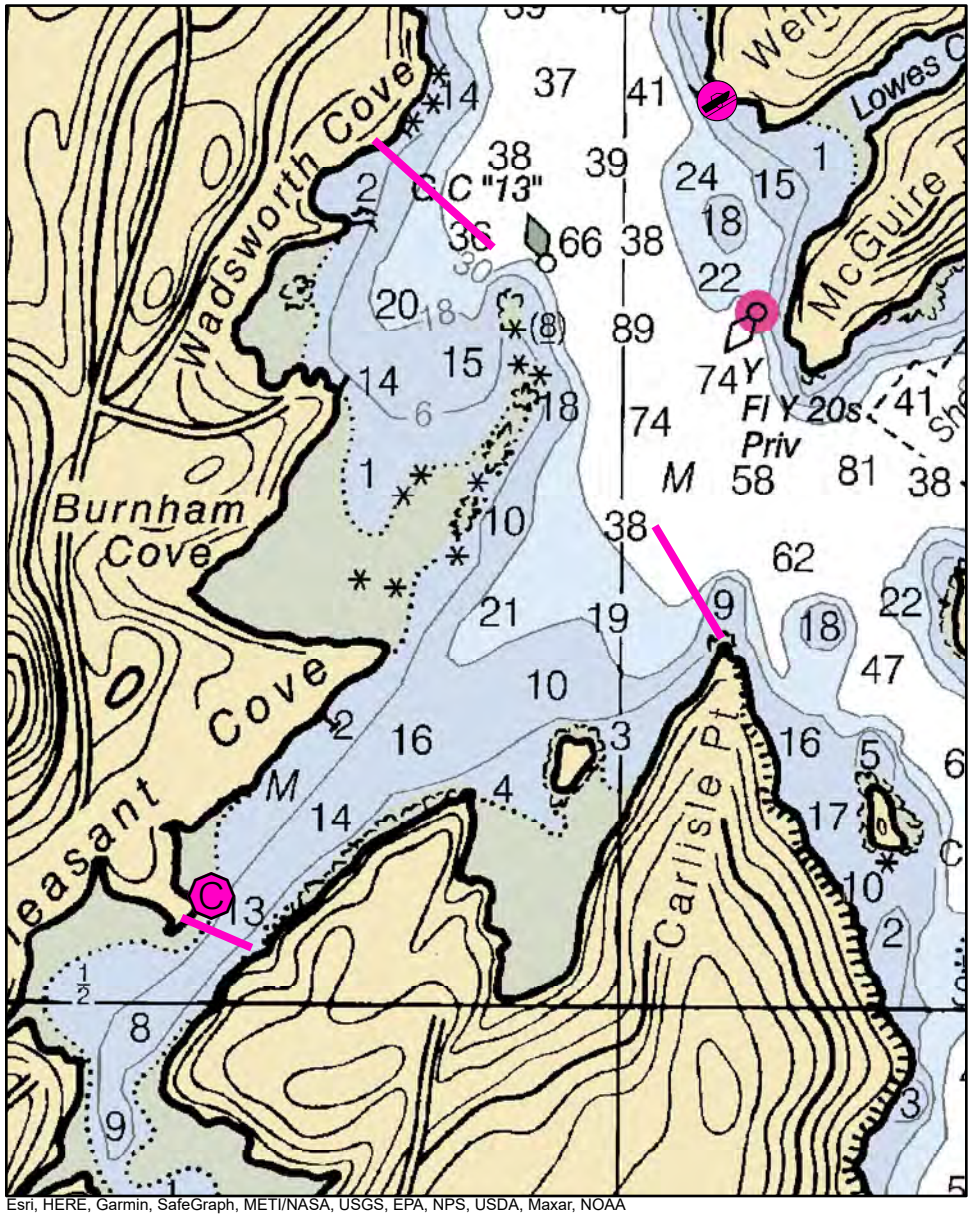




Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-33-1 Pleasant Cove, Damariscotta River

Town Boothbay
Latitude 43° 55.83' N **Longitude** 69° 35.11' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb** 1.1
Source Measured

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39C
EVI Map # 25
DeLorme Map # (2019) 7 B2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)

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

Environmental Concerns Mudflats, shellfish beds, marine worm habitat, horseshoe crabs. NW tip of Pleasant Cove is seal haul-out area

Archaeological Conflicts Utilize disturbed areas on shore for northern Wadsworth Cove boom anchoring (northern boom). Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from upper Pleasant Cove

Staging Areas University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144) or Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay

Site Access By water from University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144), Linekin Bay ramp or if deploying up in channel, possibly from 19 Pleasant Point Drive, Boothbay (west side) and 69 Bryers Circle, Boothbay (east side)

Nearest Boat Ramp University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144) or Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay, approx. 4.5 miles

Collection Points In upper Pleasant Cove, possibly from 19 Pleasant Point Drive, Boothbay

Special Instructions

Work Assignment If available, deploy up to 1000 feet of deflection boom to each side of cove. Current tends to run parallel to mouth of cove. If resources not available, deploy 500 feet of containment boom across the channel in Pleasant Cove.

Recommended Equipment / Resources

Length of Boom (feet) 500 - 2500

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Deflection:

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

Upper Cove:

2 - shoreside connections
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** 7/24/2006 **Last Field Test:**

B-34-1

Seal Cove, Damariscotta River

South Bristol, ME

0 1,000 2,000 Feet

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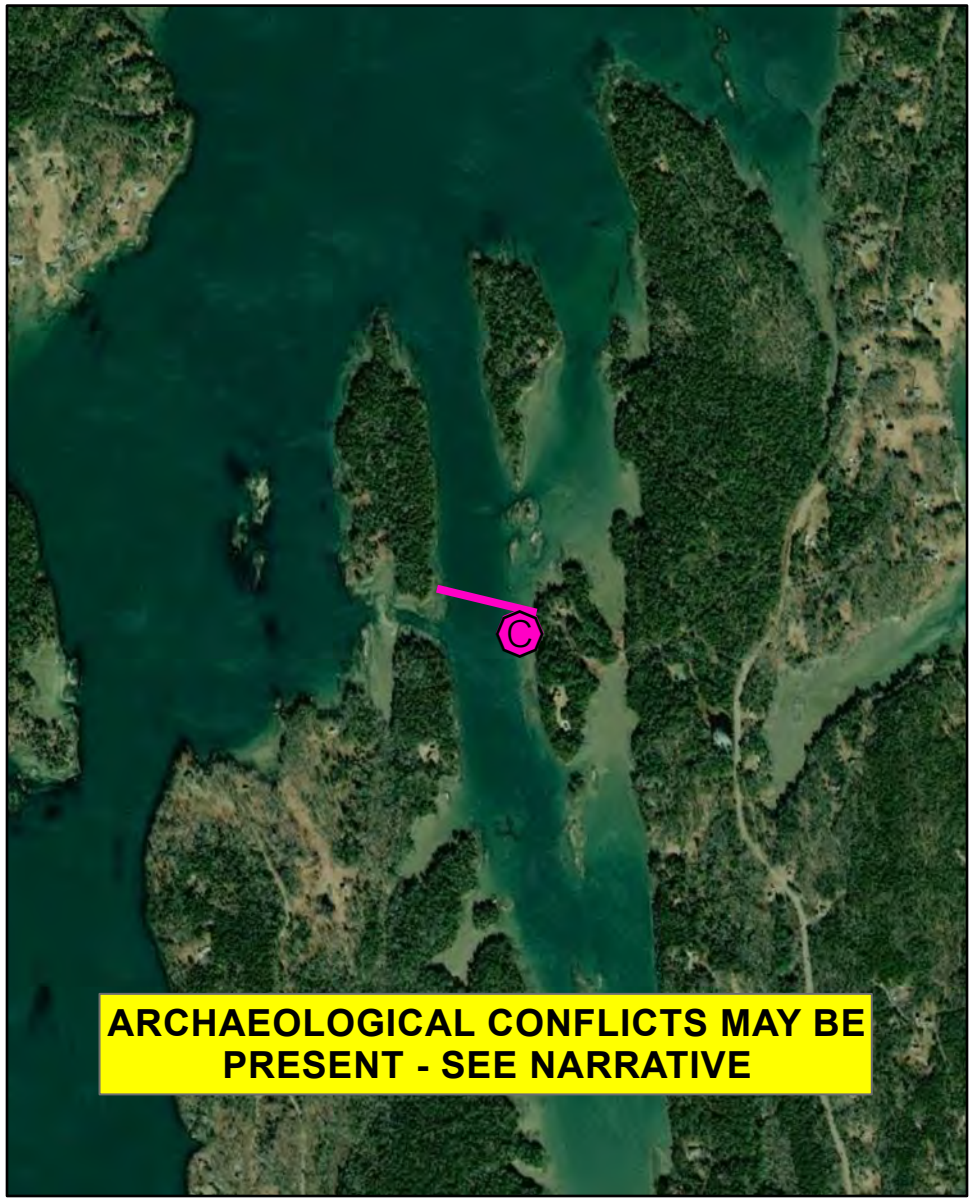
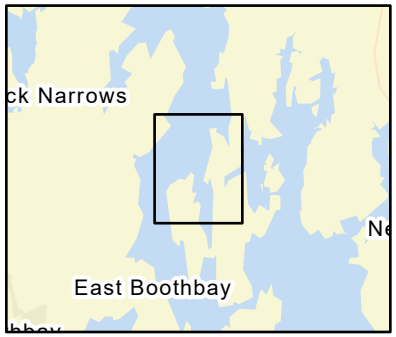
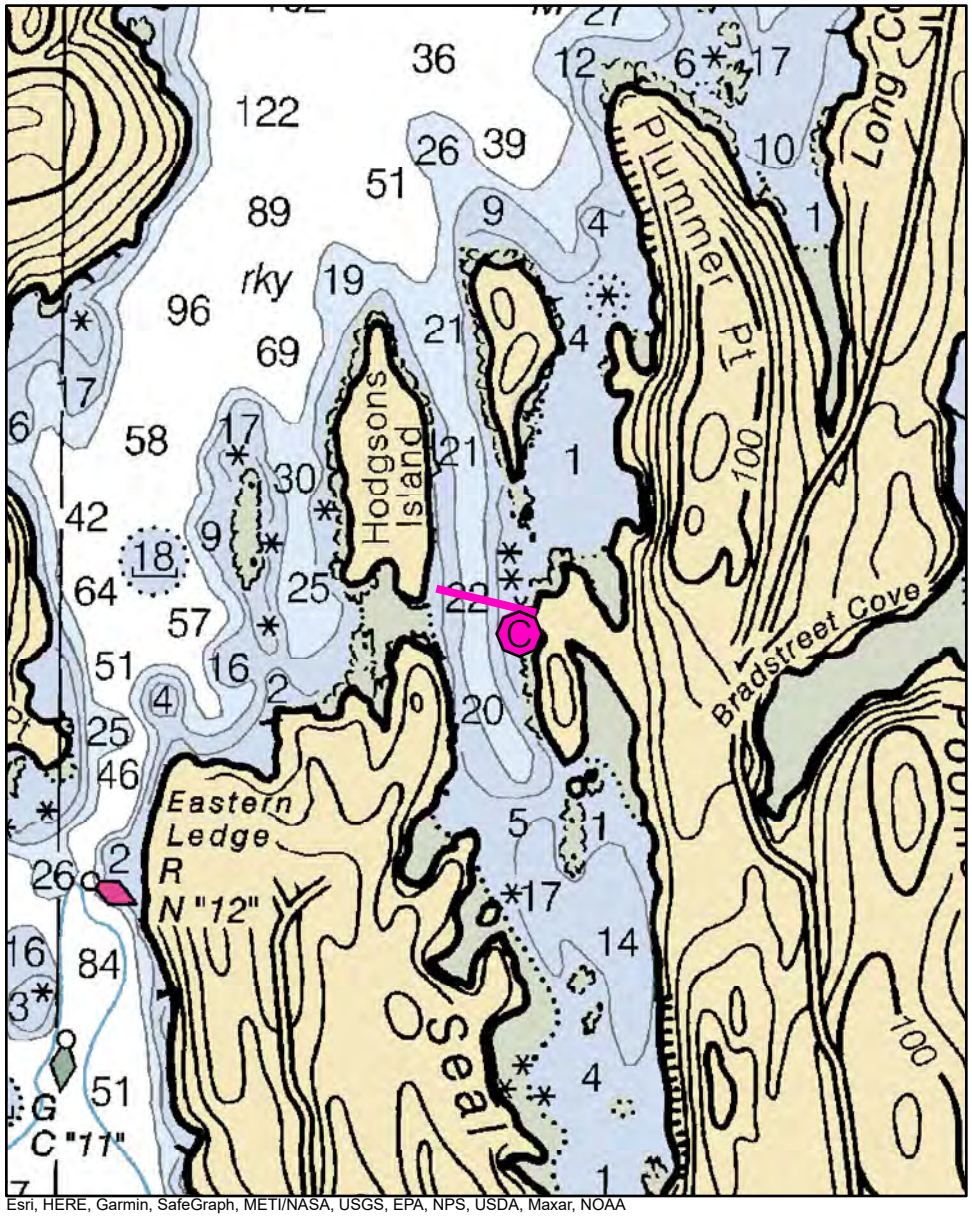




Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-34-1 Seal Cove, Damariscotta River

Town South Bristol
Latitude 43° 53.68' N **Longitude** 69° 34.29' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb** minimal
Source Measured

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 45A, 39C
EVI Map # 25
DeLorme Map # (2019) 7 C3

Resources At Risk

ESI Primary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)
ESI Secondary Shoreline Type Vegetated low banks (9B)

Environmental Concerns Eelgrass, marine worm habitat. Shellfish bed.

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 Seal Cove
Staging Areas Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay
Site Access Linekin Bay boat ramp. Private dock on east side of cove at boom anchorage point, Swanns Way in South Bristol.
Nearest Boat Ramp Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay
Collection Points Possibly from vicinity of private dock at boom anchorage point, Swanns Way in South Bristol
Special Instructions Lesser priority than others in vicinity if resources are limited
Work Assignment If resources available, deploy 700' of harbor boom across entrance to Seal Cove.

Recommended Equipment / Resources

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

Recommended Equipment (Minimum)
2 - shoreside connections
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** 10/17/2005 **Last Field Test:**

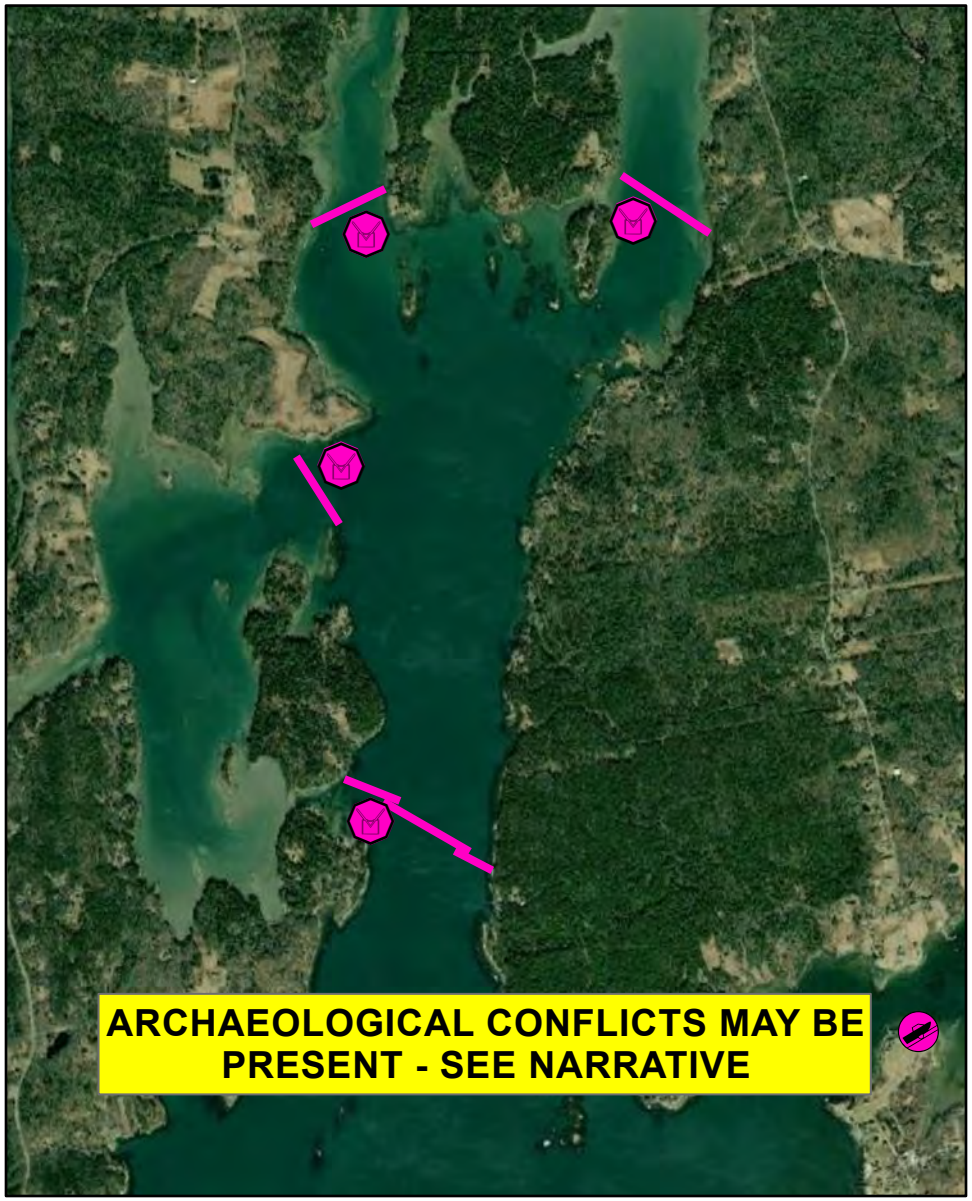
B-35-1

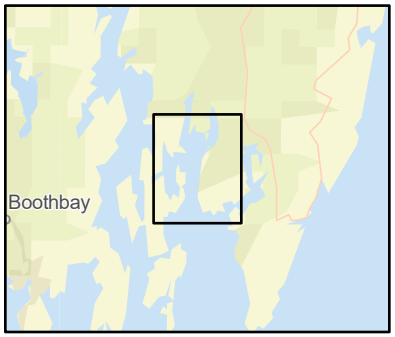
Johns River

South Bristol / Bristol, ME

0 2,500 5,000 Feet

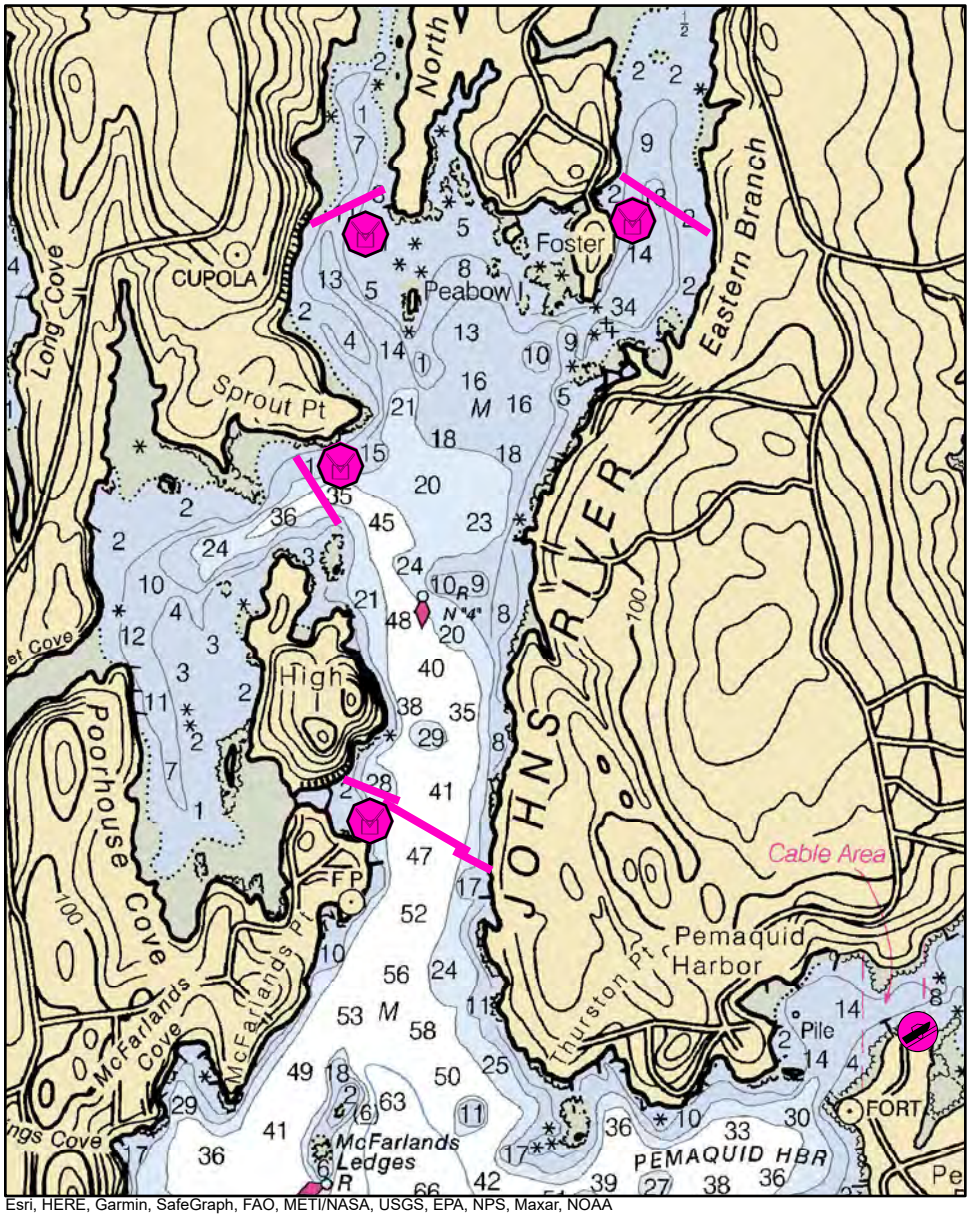
Date printed: 9/13/2022 8:34 AM





Legend

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



Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Maxar, NOAA

B-35-1 Johns River

Town South Bristol / Bristol
Latitude 43° 52.70' N **Longitude** 69° 32.67' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39C, 44B, 45A
EVI Map # 25
DeLorme Map # (2019) 7 C3

Resources At Risk

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

Environmental Concerns Tidal flats, shellfish areas, bird habitat in Poorhouse Cove and Eastern and North Branches of Johns River

Archaeological Conflicts Utilize boulder or tree anchors if possible for Sproul Point and northeastern boom spread. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from upper Johns Bay

Staging Areas Pemaquid Harbor boat launch, 2 Colonial Pemaquid Drive, New Harbor, ME or Fire Road 22 between High Island and McFarlands Point.

Site Access By water from Pemaquid Harbor boat launch

Nearest Boat Ramp Pemaquid Harbor boat launch - 1 mile

Collection Points Fire Road 22 between High Island and McFarlands Point.

Special Instructions

Work Assignment Primary: Deploy two 500 foot sections and one 1,000 foot section of containment boom across bay to deflect to private causeway (Fire Road 22) between McFarlands Point and High Island for collection.

Secondary: Place one thousand foot lengths of boom at mouths of Eastern and North Branches of Johns River, and mouth of Poorhouse Cove

Recommended Equipment / Resources

Length of Boom (feet) Primary: 2000, Secondaries: 3,000 **Type of Boom**

Recommended Equipment (Minimum)	Primary:	Secondaries:
	4 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy	3 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
	2 - shoreside connections	6 - shoreside connections
	1 - on water skimmer	3 - on water skimmers
	2 - workboats with minimum 90 hp	2 - workboats with minimum 90 hp
	2 - boat operators	2 - boat operators
	4 - laborers	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** 7/24/2006 **Last Field Test:**

B-36-1

Upper Damariscotta River

South Bristol / Edgecomb, ME

0 1,000 2,000 Feet

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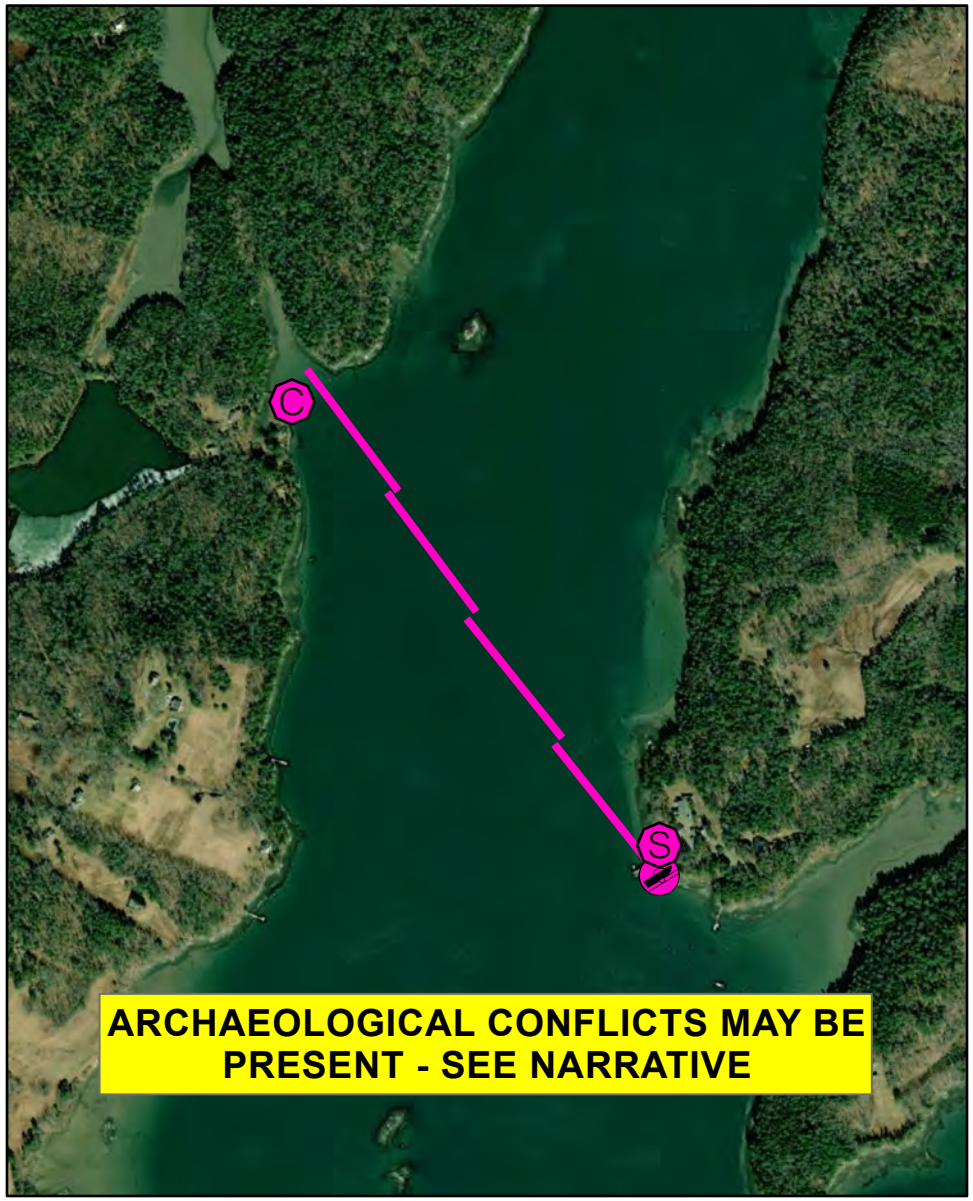
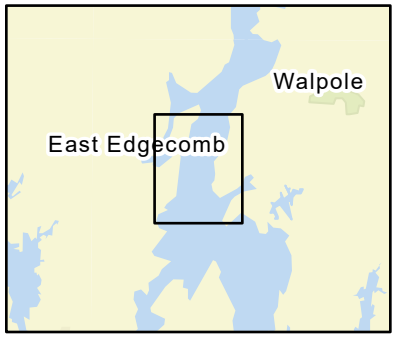
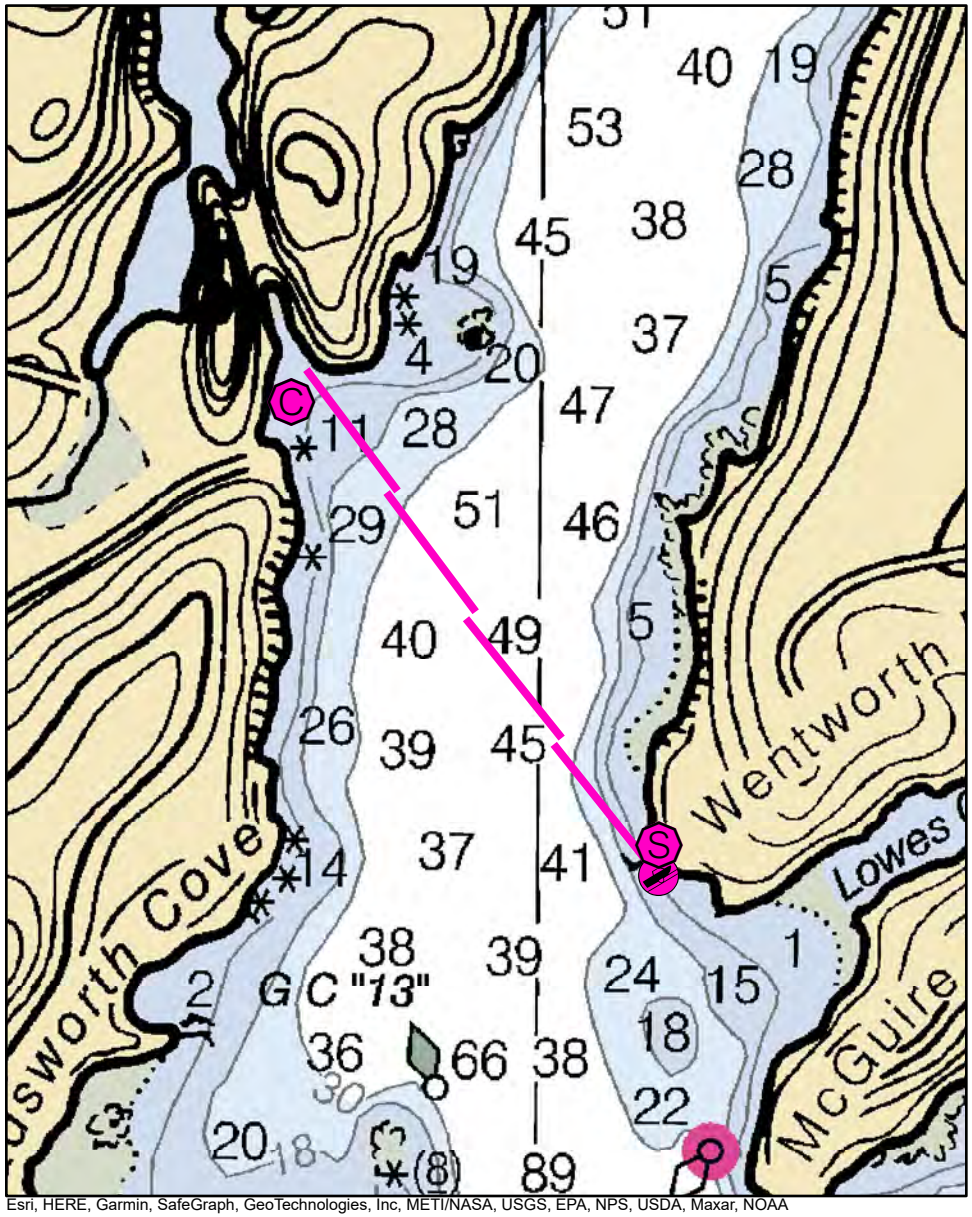




Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-36-1 Upper Damariscotta River

Town Edgecomb / South Bristol
Latitude 43° 56.346' N **Longitude** 69° 35.071' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** 3 knots **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39C
EVI Map # 33
DeLorme Map # (2019) 7 B3

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Primary strategy for the upper Damariscotta River which has extensive tidal flats, shorebird and waterfowl habitat, shellfish beds, aquaculture sites, eelgrass beds and diadromous fish runs.

Archaeological Conflicts Avoid disturbances outside of developed areas at Darling Marine Center/Wentworth Point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from upper Damariscotta River

Staging Areas University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144)

Site Access University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144)

Nearest Boat Ramp University of Maine Darling Marine Center, 193 Clarks Cove Road, Walpole (207-563-8144)

Collection Points Western end of the boom configuration via on-water skimming

Special Instructions Angle of the boom to current critical. Strong current.

Work Assignment From the eastern shore of the Damariscotta River at Wentworth Point (Darling Marine Center) deploy four 800' boom sections parallel & overlapping in a north northwest direction to the other side of the river at the south end of a small cove south of Salt Marsh Cove.

Recommended Equipment / Resources

Length of Boom (feet) 3200
Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
2 - shoreside connections
1 - on water skimming system
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** 7/24/2006 **Last Field Test:**

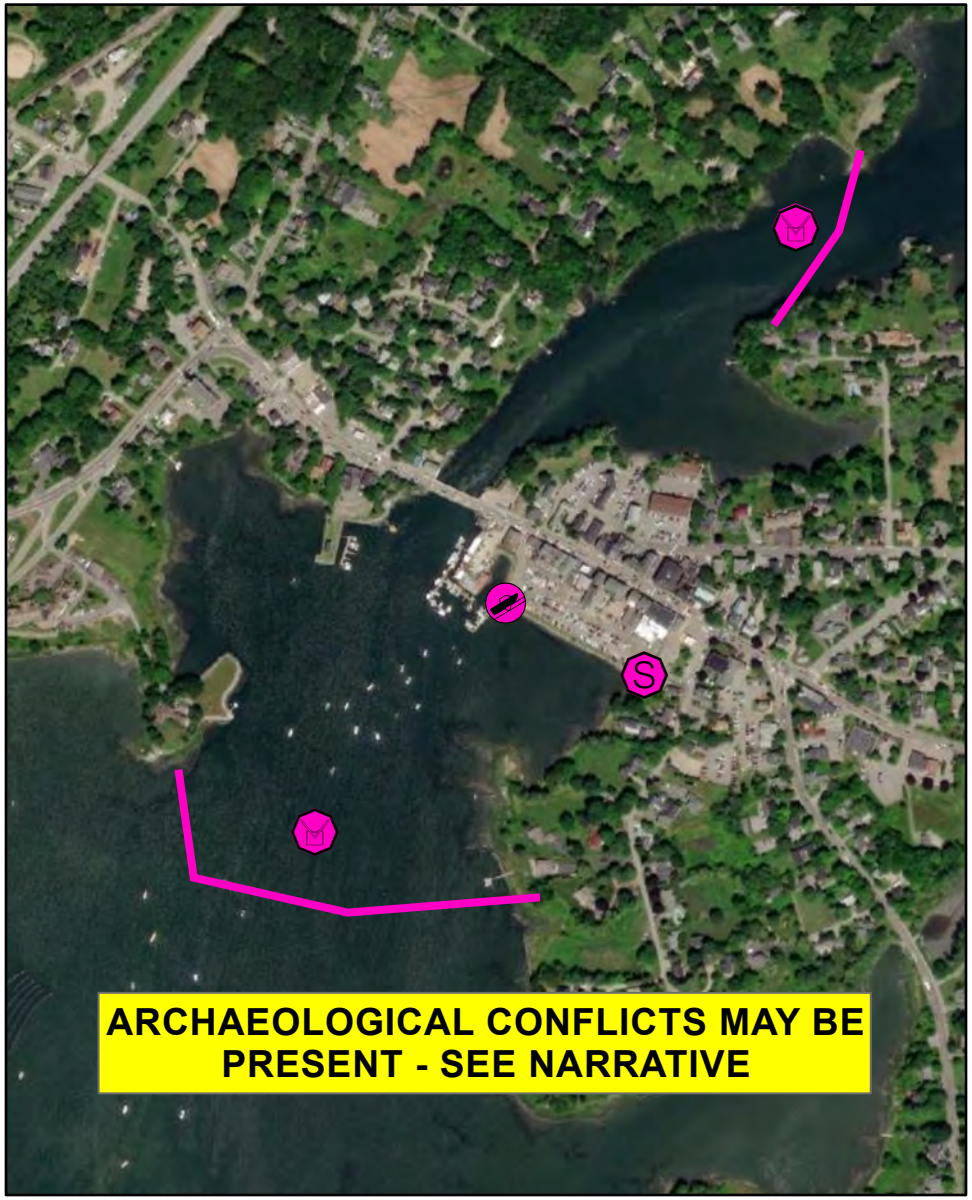
B-37-1

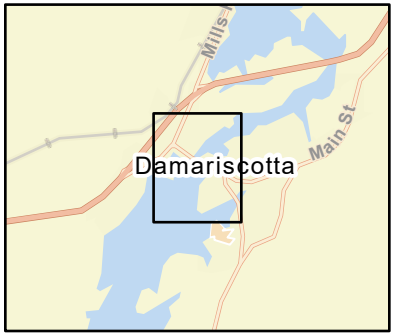
Damariscotta Harbor

Damariscotta / Newcastle, ME

0 830 1,660 Feet

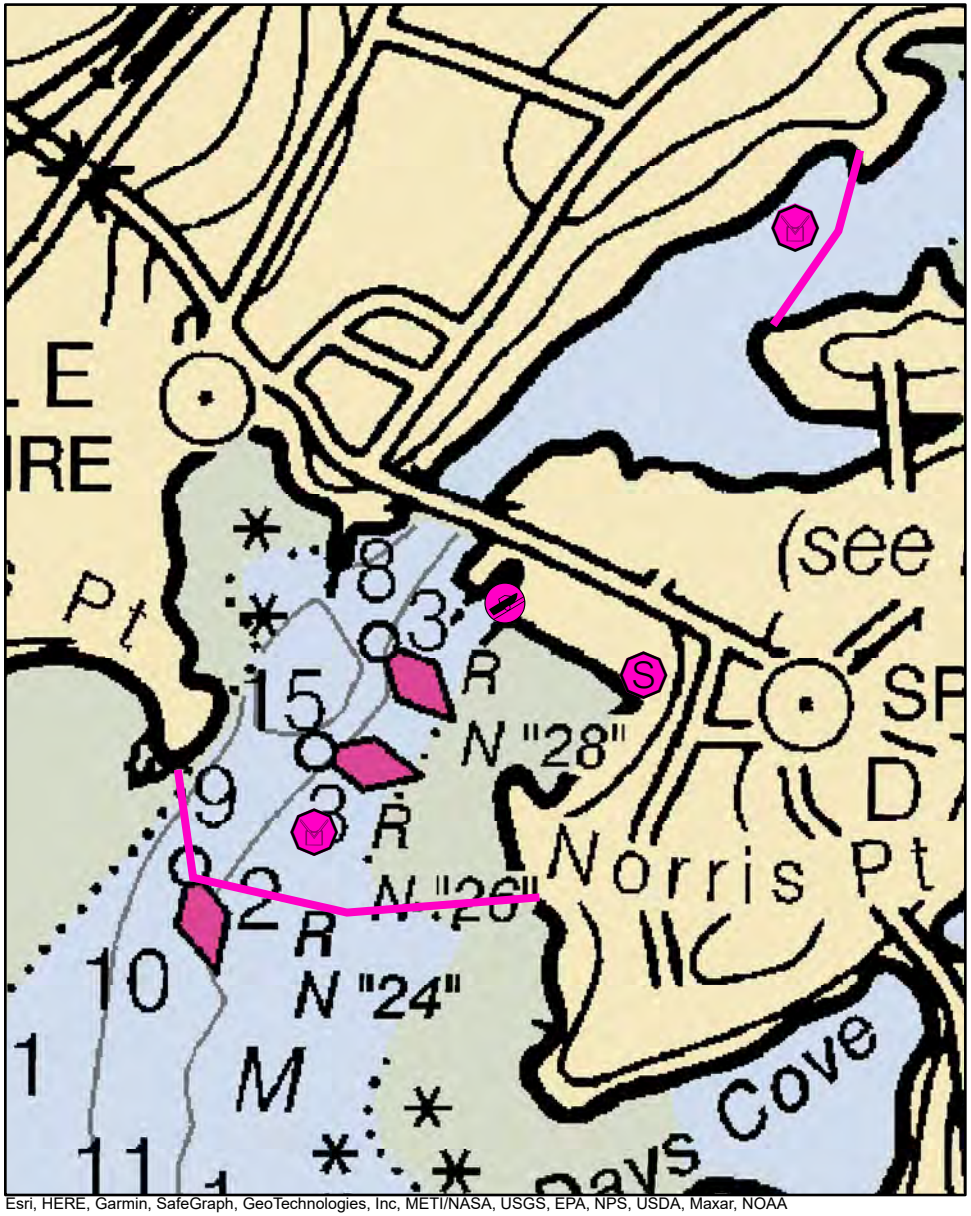
Date printed: 9/13/2022 8:34 AM





Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-37-1 Damariscotta Harbor

Town Edgecomb / South Bristol
Latitude 44° 1.79' N **Longitude** 69° 32.67' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** minimal **Ebb** minimal
Source Observed

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39A
EVI Map # 33
DeLorme Map # (2019) 7 A3

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type

Environmental Concerns Primary purpose is to contain spills from harbor. Numerous aquaculture sites downstream.

Archaeological Conflicts Ebb tide collection point on Norris Point side near remnants of intertidal shipyard; beware potential conflicts as water levels drop. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose Primary purpose is to contain spills from harbor.

Staging Areas Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Site Access Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Nearest Boat Ramp Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Collection Points On water skimmer

Special Instructions

Work Assignment Ebb: Deploy 500 feet of boom from Jacks Point and anchor in vicinity of red nun #24. Deploy additional sections of 600 and 400 feet of boom around mooring field to Norris Point. Collect with skimmer at cove near Jacks Point.

Flood: Deploy two sections of boom: 250 feet and 350 feet across river upstream of Damariscotta / Newcastle bridge. Collect with skimmer or from cove on west side of river.

Recommended Equipment / Resources

Length of Boom (feet) Ebb: 1500, Flood: 700

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Ebb:

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

Flood:

1- anchor system: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
2 - shoreside connections
1 - on water skimmer system
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** 7/24/2006 **Last Field Test:** 5/23/2012

B-38-1

Little Point, Damariscotta River

Newcastle / Damariscotta, ME

0 925 1,850 Feet

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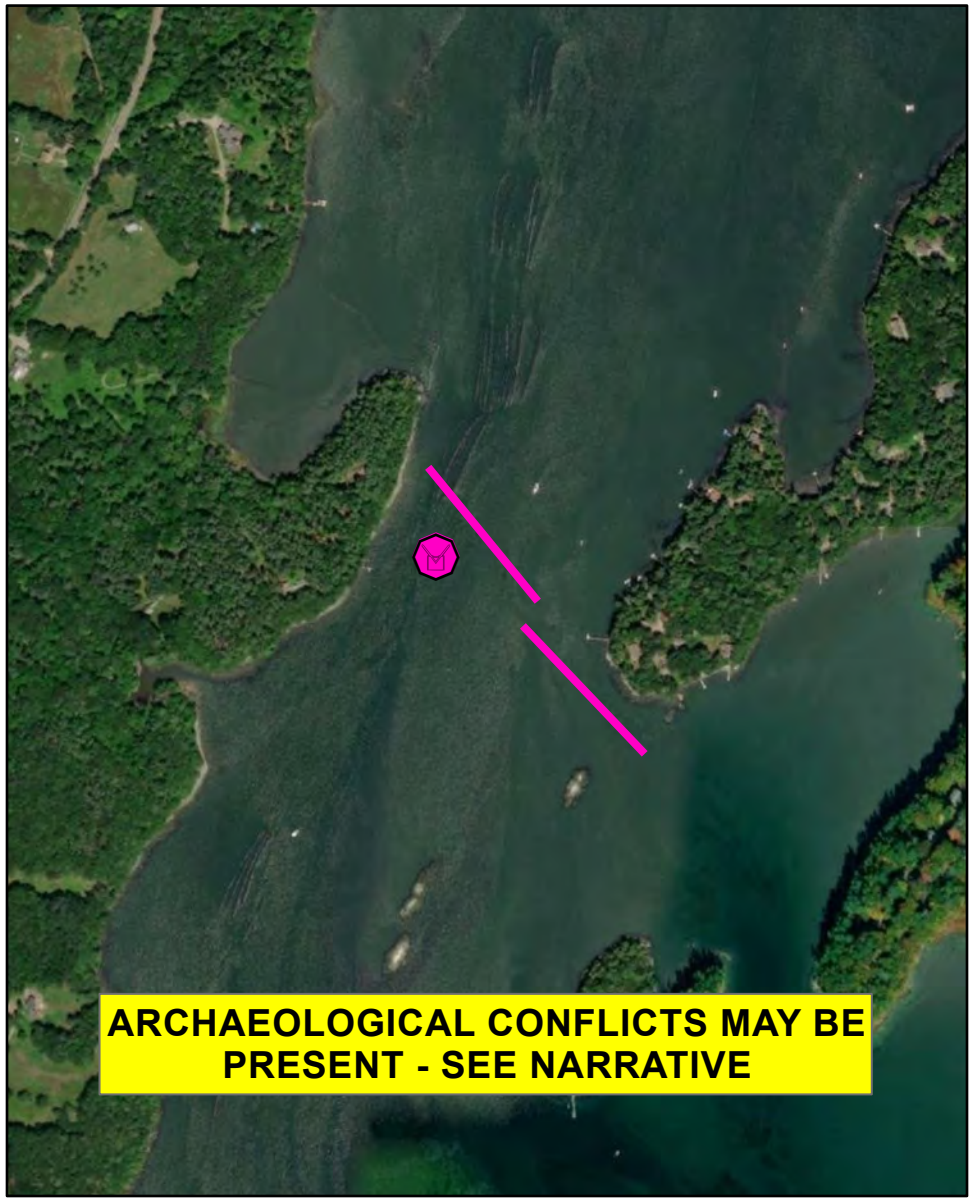
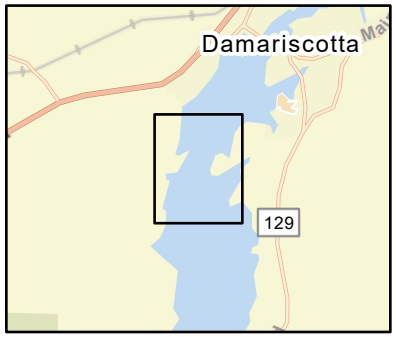
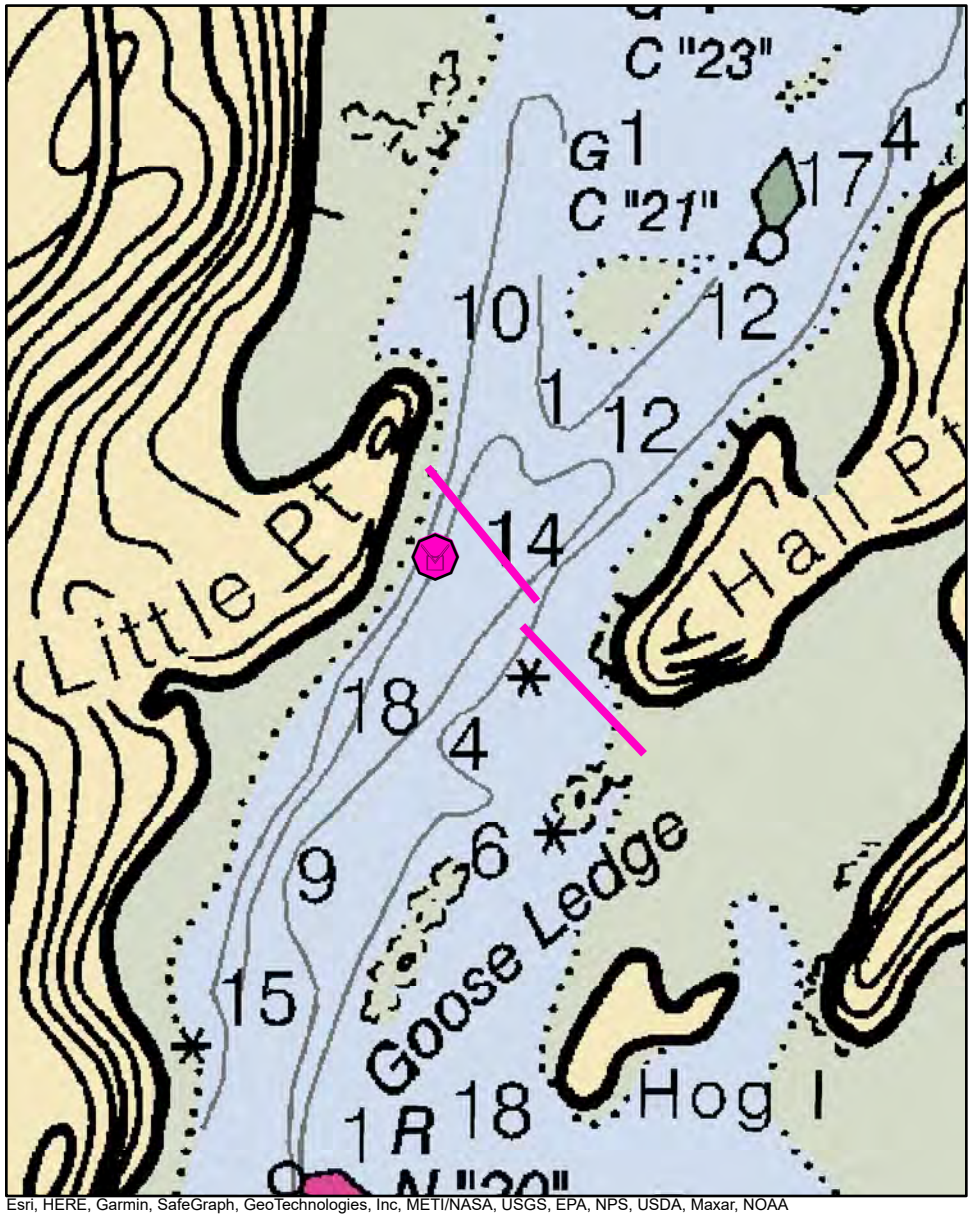




Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-38-1 Little Point, Damariscotta River

Town Newcastle / Damariscotta
Latitude 44° 1.097' N **Longitude** 69° 32.614; W
Approx. Tidal Range (feet) 14
Max Current (knots) **Flood** 1.5 knots **Ebb**
Source estimated

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39A
EVI Map # 33
DeLorme Map # (2019) 7 A3

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type

Environmental Concerns Numerous aquaculture sites just upriver of strategy.

Archaeological Conflicts Utilize boulder or tree anchors if possible on Hall Point. Deviations from GRS design will require MHPC review. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from moving upstream to Newcastle / Damariscotta

Staging Areas Damariscotta Public Boat Ramp, Main Street, Rte. 1, Damariscotta

Site Access By water from Damariscotta boat launch.

Nearest Boat Ramp Damariscotta Public Boat Ramp, Main Street, Rte. 1, Damariscotta

Collection Points On water skimming

Special Instructions Hog Island and Huston Cove may also need consideration for protection.

Work Assignment Deploy two 650' sections of boom parallel & overlapping from eastern shore of Hall Point north northwest to the western shore of Little Point just below aquaculture site.

Recommended Equipment / Resources

Length of Boom (feet) 1300

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 buoy
2 - shoreside connections
1 - on water skimmer system
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** 7/24/2006 **Last Field Test:**

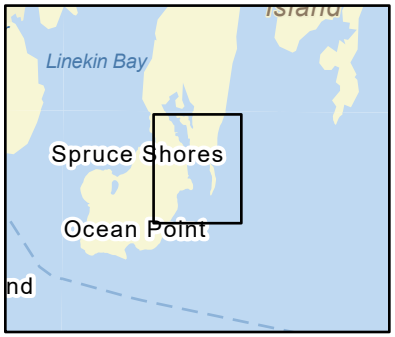
B-39-1

Lower Damariscotta River - Little River

Boothbay, ME

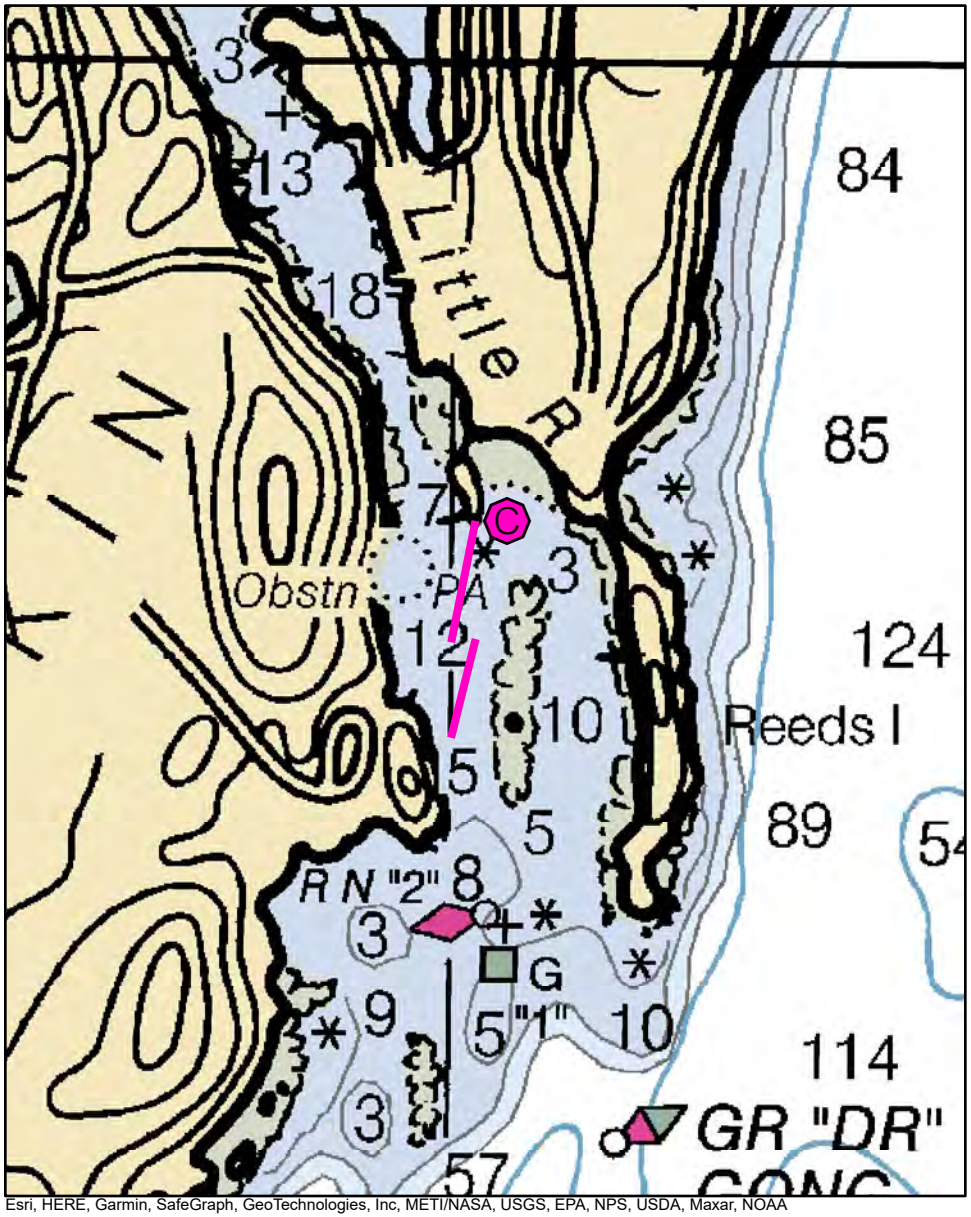
0 1,000 2,000 Feet

Date printed: 9/10/2022 7:52 PM



Legend

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



B-39-1 Lower Damariscotta River - Little River

Town Boothbay
Latitude 43° 49.67' N **Longitude** 69° 34.97' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 45A
EVI Map # 25
DeLorme Map # (2019) 7 D2

Resources At Risk

ESI Primary Shoreline Type Exposed rocky shores (1A)
ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Shellfish and eelgrass beds in Little River. Elver run. Lobster dealer upstream of boom.

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

Strategy Information

Strategy Purpose To divert oil from entering Little River

Staging Areas Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay

Site Access Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay

Nearest Boat Ramp Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay

Collection Points Cove in Little River, possibly from Boothbay Shores Road or residence on Samoset Trail, Boothbay

Special Instructions

Work Assignment Deploy two 500' sections of harbor boom inside mouth of Little River on Linekin Neck. Divert oil into cove for collection.

Recommended Equipment / Resources

Length of Boom (feet) 1000

Type of Boom !2" 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 buoy
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** 8/1/2004 **Last Field Test:**

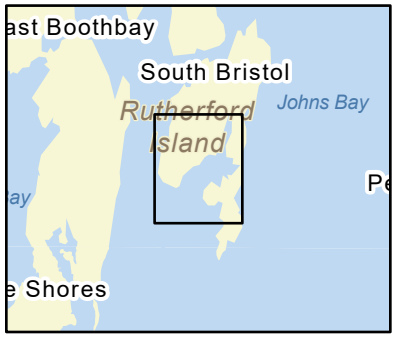
B-39-2

Lower Damariscotta River - Christmas Cove

South Bristol, ME

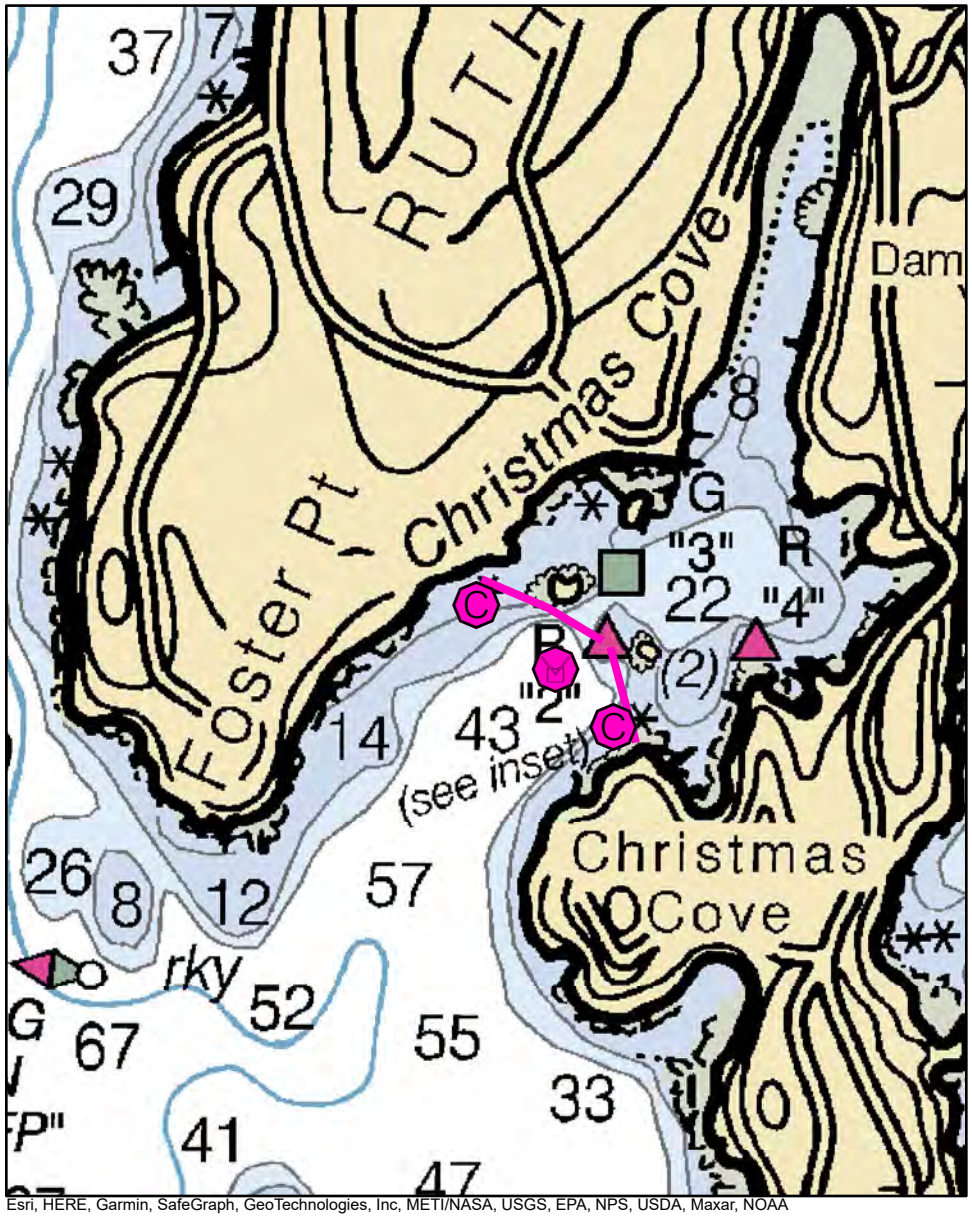
0 1,000 2,000 Feet

Date printed: 9/13/2022 7:22 AM



Legend

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



Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-39-2 Lower Damariscotta River - Christmas Cove

Town South Bristol
Latitude 43° 50.81' N **Longitude** 69° 33.48' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 45A, 44B
EVI Map # 25
DeLorme Map # (2019) 7 C3

Resources At Risk

ESI Primary Shoreline Type Exposed rocky shores (1A)

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

Environmental Concerns Eelgrass beds and mudflats

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

Strategy Information

Strategy Purpose To divert oil from Christmas Cove

Staging Areas Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay or Pemaquid Harbor boat launch, 2 Colonial Pemaquid Drive, New Harbor

Site Access By water

Nearest Boat Ramp Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay or Pemaquid Harbor boat launch, 2 Colonial Pemaquid Drive, New Harbor

Collection Points On water skimming. Possible access from Captain Smith Way, South Bristol

Special Instructions Large mooring field in Christmas Cove

Work Assignment Deploy 500' of boom from east side of Christmas Cove to red day beacon "2" (rock) in midchannel. Deploy 350' of boom from day beacon "2" to rock to west of channel. Deploy 350' of boom from rock across flats to western shore.

Recommended Equipment / Resources

Length of Boom (feet) 1200

Type of Boom Intertidal Boom & Harbor Boom

Recommended Equipment (Minimum)
4 - shoreside connections
1 - skimmer and storage
1 - on water skimming system
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** 8/1/2004 **Last Field Test:**

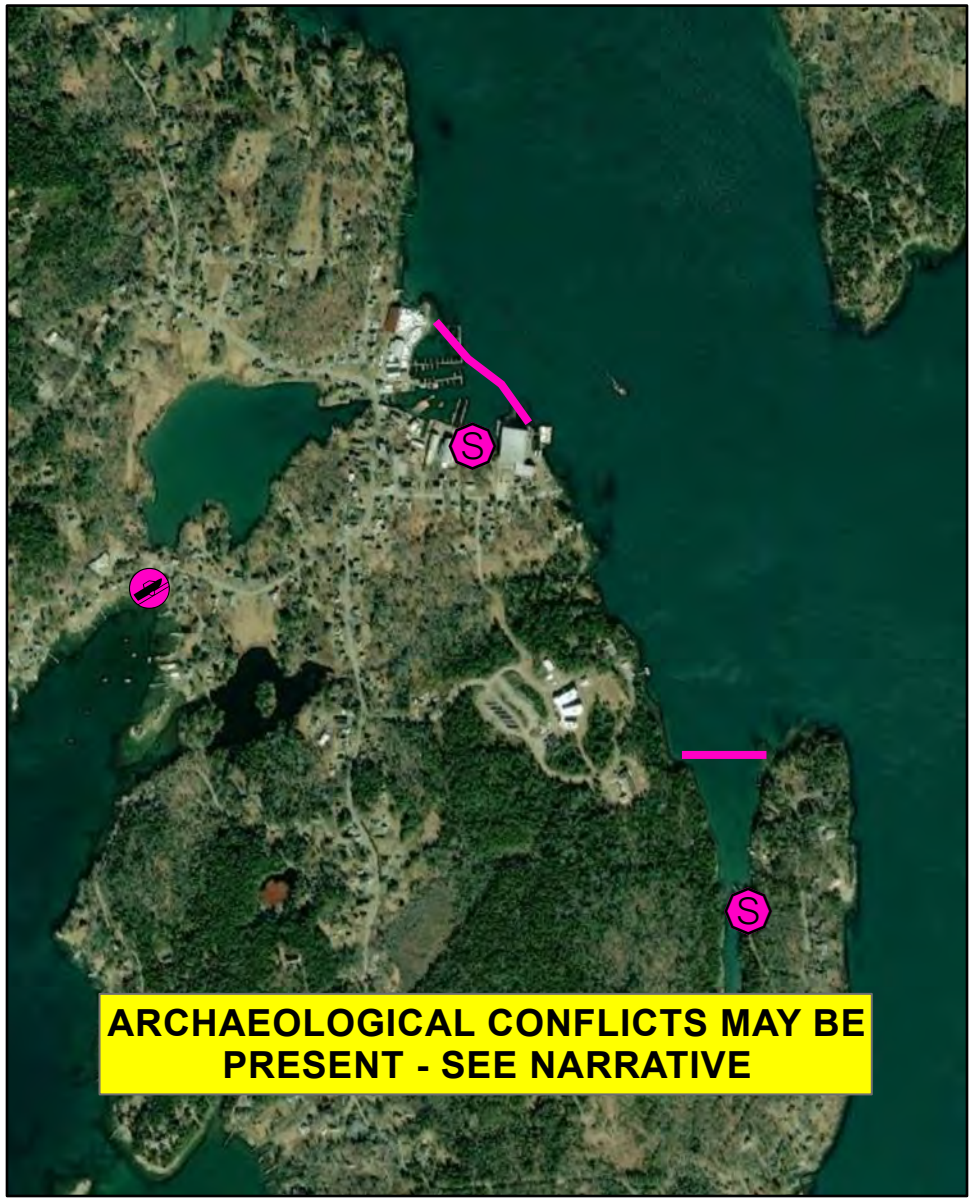
B-39-3

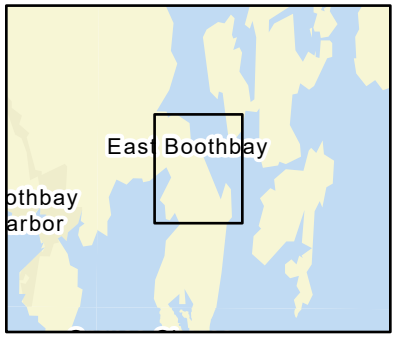
Lower Damariscotta River - Montgomery Point

Boothbay, ME

0 1,000 2,000 Feet

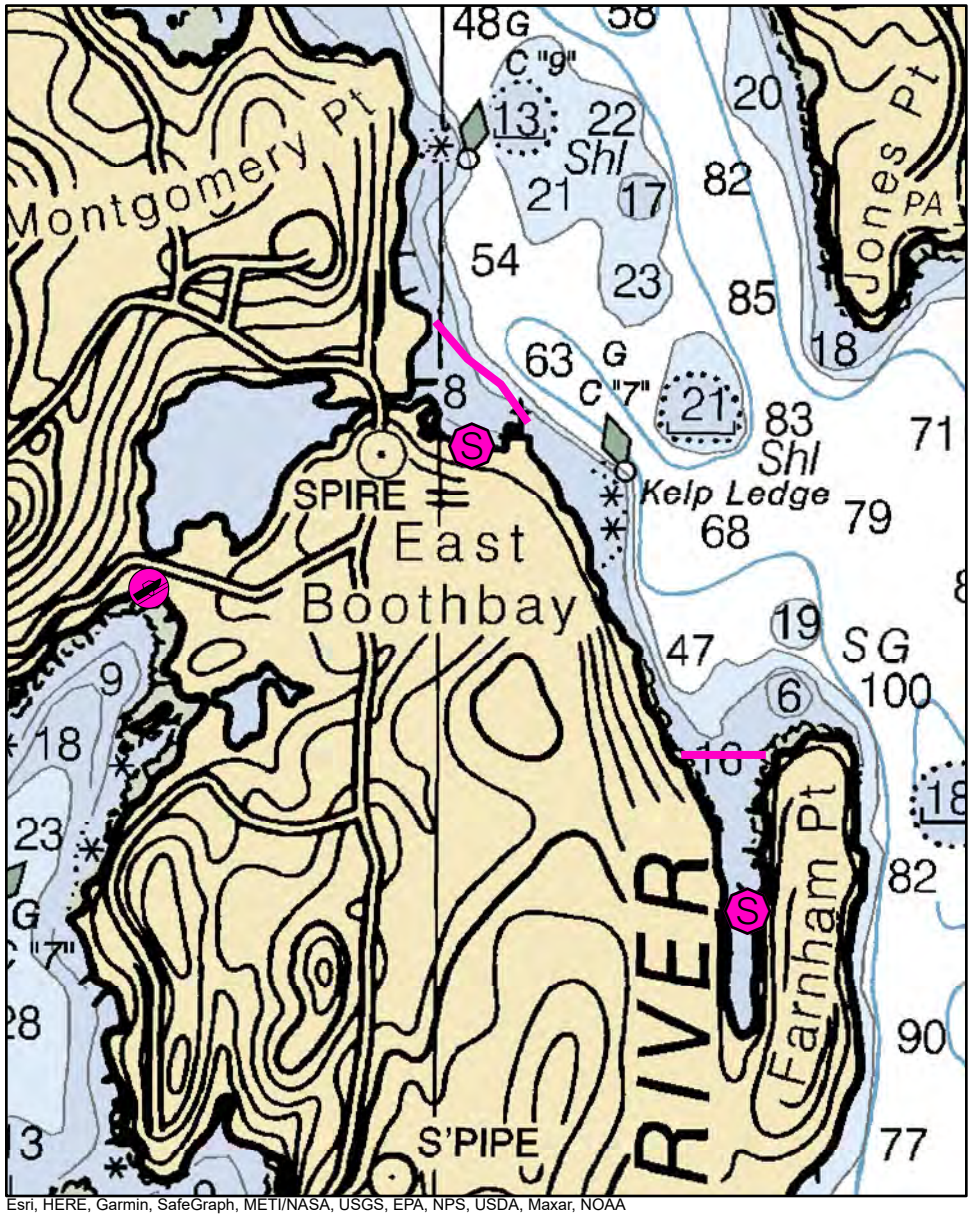
Date printed: 9/10/2022 7:52 PM





Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-39-3 Lower Damariscotta River - Montgomery Point

Town Boothbay
Latitude 43° 52.03' N **Longitude** 69° 34.82' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 45A
EVI Map # 25
DeLorme Map # (2019) 7 C3

Resources At Risk

ESI Primary Shoreline Type Exposed, solid man-made structures (1B)
ESI Secondary Shoreline Type Exposed wave-cut platforms in bedrock, mud, or clay (2A)

Environmental Concerns Lobster pound near Farnham Pt.

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 exclude oil from wharves and lobster pound

Staging Areas Washburn and Doughty Associates shipyard, 7 Enterprise Lane, East Boothbay

Site Access Washburn and Doughty Associates shipyard, 7 Enterprise Lane, East Boothbay, or lobster pound at 180 Farnham Point Road, Boothbay

Nearest Boat Ramp Linekin Bay boat ramp (part-tide), Murray Hill Road, East Boothbay

Collection Points N/A

Special Instructions

Work Assignment Deploy 900' of harbor boom around perimeter of marinas and wharf at cove in East Boothbay. Deploy additional 650' of harbor boom from Farnham Pt. to mainland.

Recommended Equipment / Resources

Length of Boom (feet) 1550

Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)

Shipyard:	Lobster pound:
3 - shoreside connections	2 - shoreside connections
2 - workboats with minimum 90 hp	2 - workboats with minimum 90 hp
2 - boat operators	2 - boat operators
4 - laborers	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** 10/17/2005 **Last Field Test:**

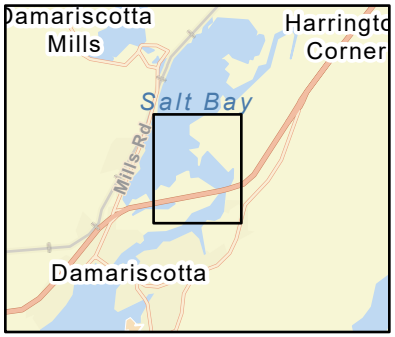
B-40-1

Salt Bay

Damariscotta / Newcastle, ME

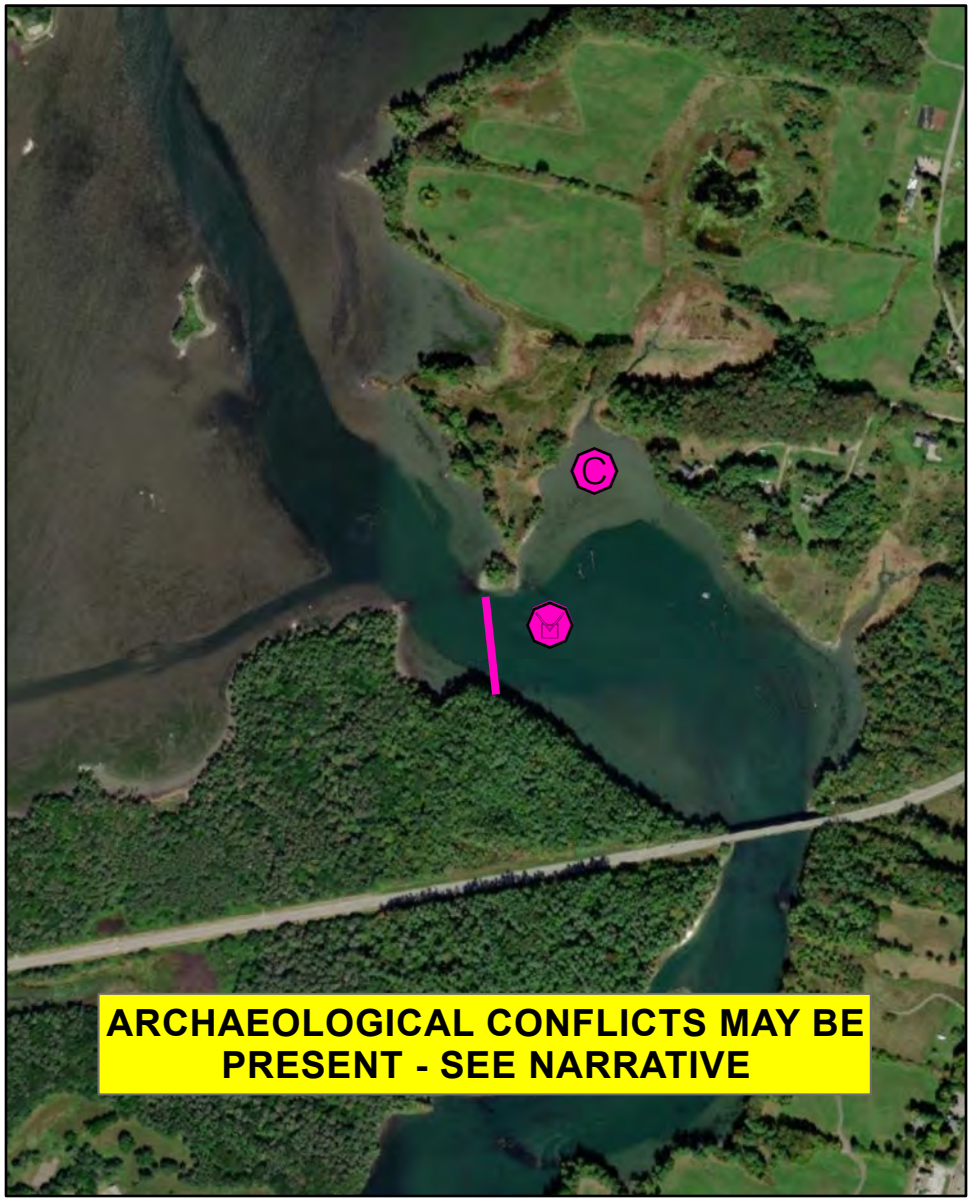
0 1,000 2,000 Feet

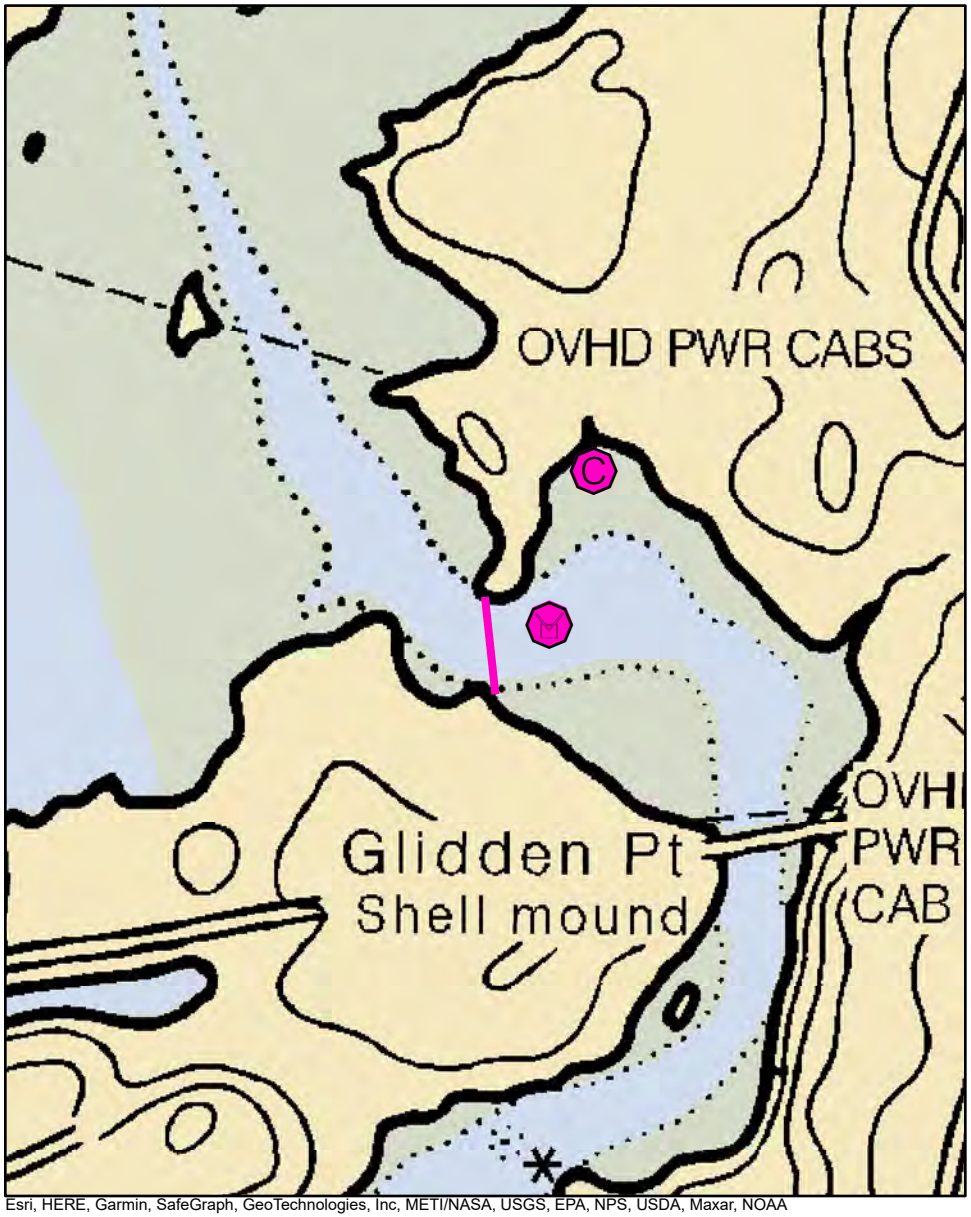
Date printed: 9/13/2022 8:35 AM



Legend

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





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B-40-1 Salt Bay

Town Newcastle / Damariscotta
Latitude 44 3.233' N **Longitude** 69 31.299' W
Approx. Tidal Range (feet) 10
Max Current (knots) **Flood** **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13293_1
ESI Map # 39A
EVI Map # 33
DeLorme Map # (2019) 7 A3

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Sheltered tidal flats (7)

Environmental Concerns Remnant American Oyster population. Extensive eelgrass. Diadromous fish and elver runs. Shorebird habitat. Horseshoe crabs. Aquaculture locations on southern side of river.

Archaeological Conflicts Highly sensitive area with nationally registered locations. Utilize tree or boulder anchors and avoid subsurface disturbances. Contact MHPC at (207) 287-2132.

Strategy Information

Strategy Purpose To divert oil from Salt Bay

Staging Areas Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Site Access By water from Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Nearest Boat Ramp Damariscotta boat launch, Main Street, Rte. 1, Damariscotta

Collection Points With skimmer or at cove on east side of channel. Land owned by Damariscotta River Association: 563-1393

Special Instructions Numerous archaeological sites in area. Contact Maine Historic Preservation Commission: 287-2132

Work Assignment Place 600' of harbor boom across channel at entrance to Salt Bay.

Recommended Equipment / Resources

Length of Boom (feet) 600 **Type of Boom** Harbor / Intertidal

Recommended Equipment (Minimum)
3 - shoreside connections
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** 7/24/2006 **Last Field Test:**

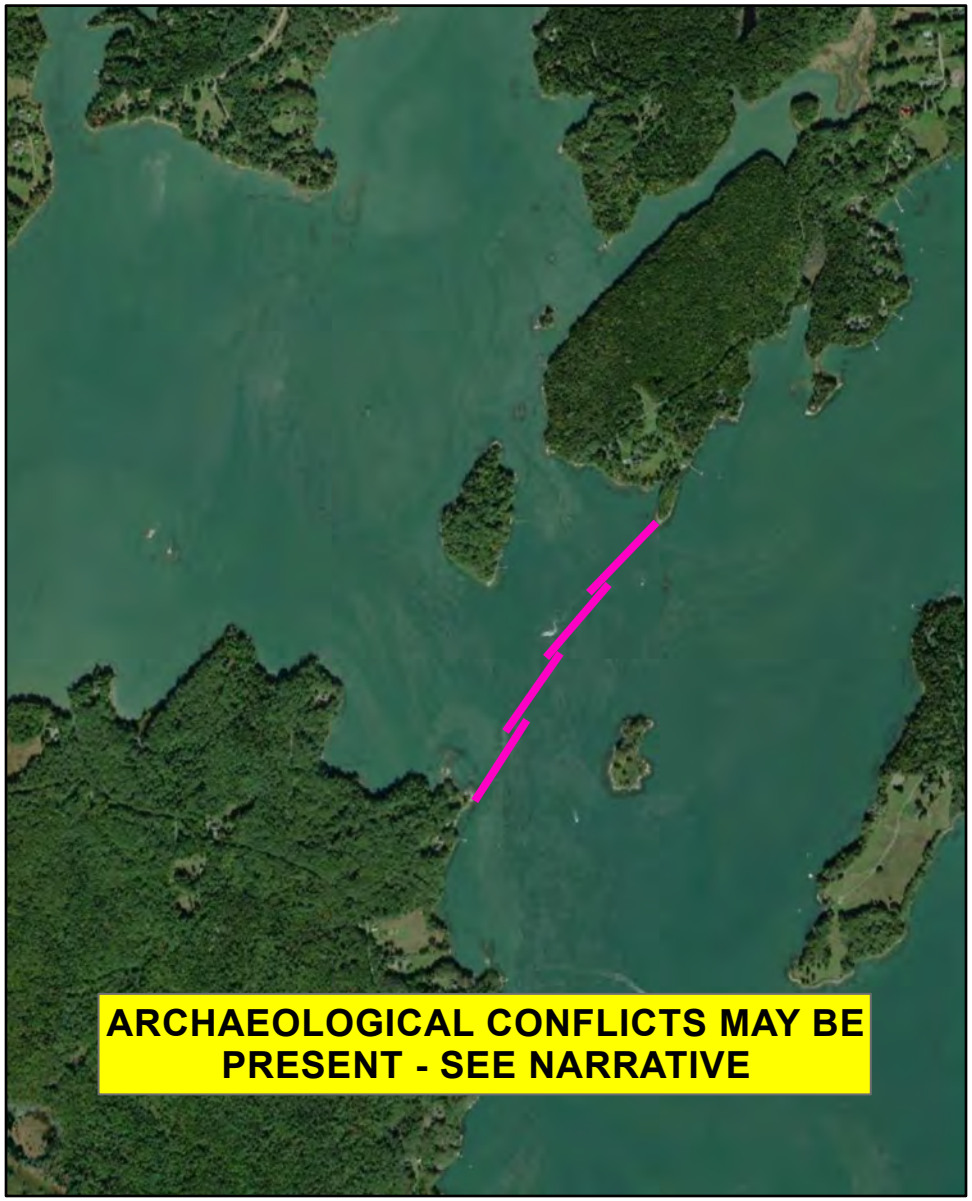
B-41-1

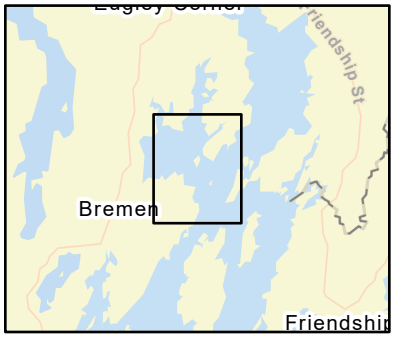
Broad Cove - Bremen

Bremen, ME

0 2,175 4,350 Feet

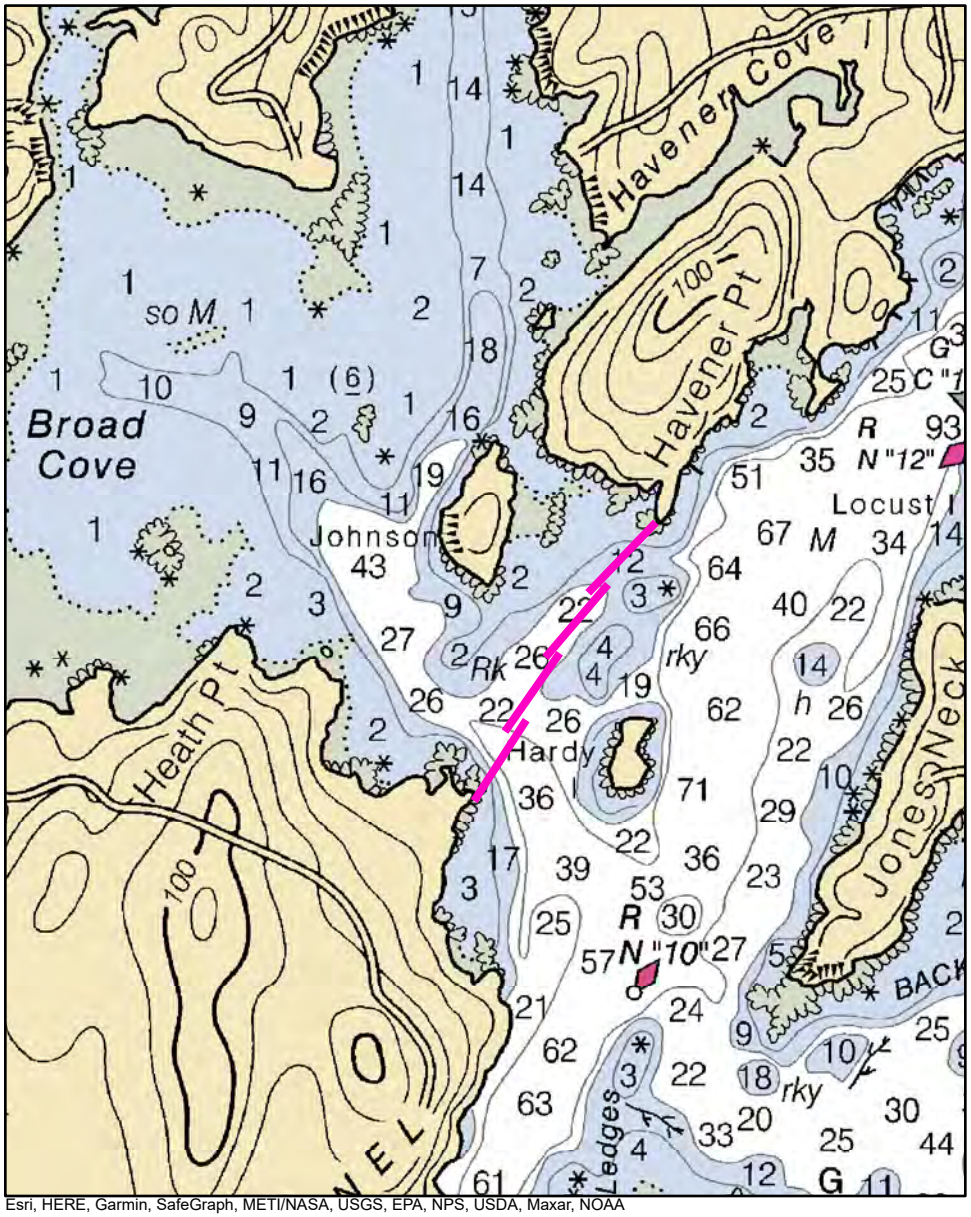
Date printed: 9/10/2022 7:52 PM





Legend

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



Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, Maxar, NOAA

B-41-1 Broad Cove - Bremen

Town Bremen / Waldoboro
Latitude 44° 01.250' N **Longitude** 69° 23.313' W
Approx. Tidal Range (feet) 36
Max Current (knots) **Flood** < 1 knot **Ebb**
Source

Port Region Casco Bay
NOAA Chart # 13301_1
ESI Map # 38A, 38B
EVI Map # 34
DeLorme Map # (2019) 7 A5

Resources At Risk

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

Environmental Concerns Tidal flats, shellfish beds, shorebird and waterfowl habitat in Broad Cove

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 exclude oil from Broad Cove

Staging Areas Dutch Neck Landing (part-tide), Rd. 1965, Waldoboro

Site Access Dutch Neck Landing (part-tide), Rd. 1965, Waldoboro

Nearest Boat Ramp Dutch Neck Landing (part-tide), Rd. 1965, Waldoboro

Collection Points N/A

Special Instructions Havener Cove, Western branch most important to protect.

Work Assignment Deploy four 800' sections of boom in deflection configuration from Havener Point to the opposite shore of Broad Cove..

Recommended Equipment / Resources

Length of Boom (feet) 3200
Type of Boom 12" to 18" containment boom

Recommended Equipment (Minimum)
6 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy
2 - shoreside connections
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** **Last Field Test:**