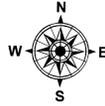
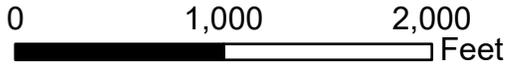


B-04-1

Back Cove

Portland, ME

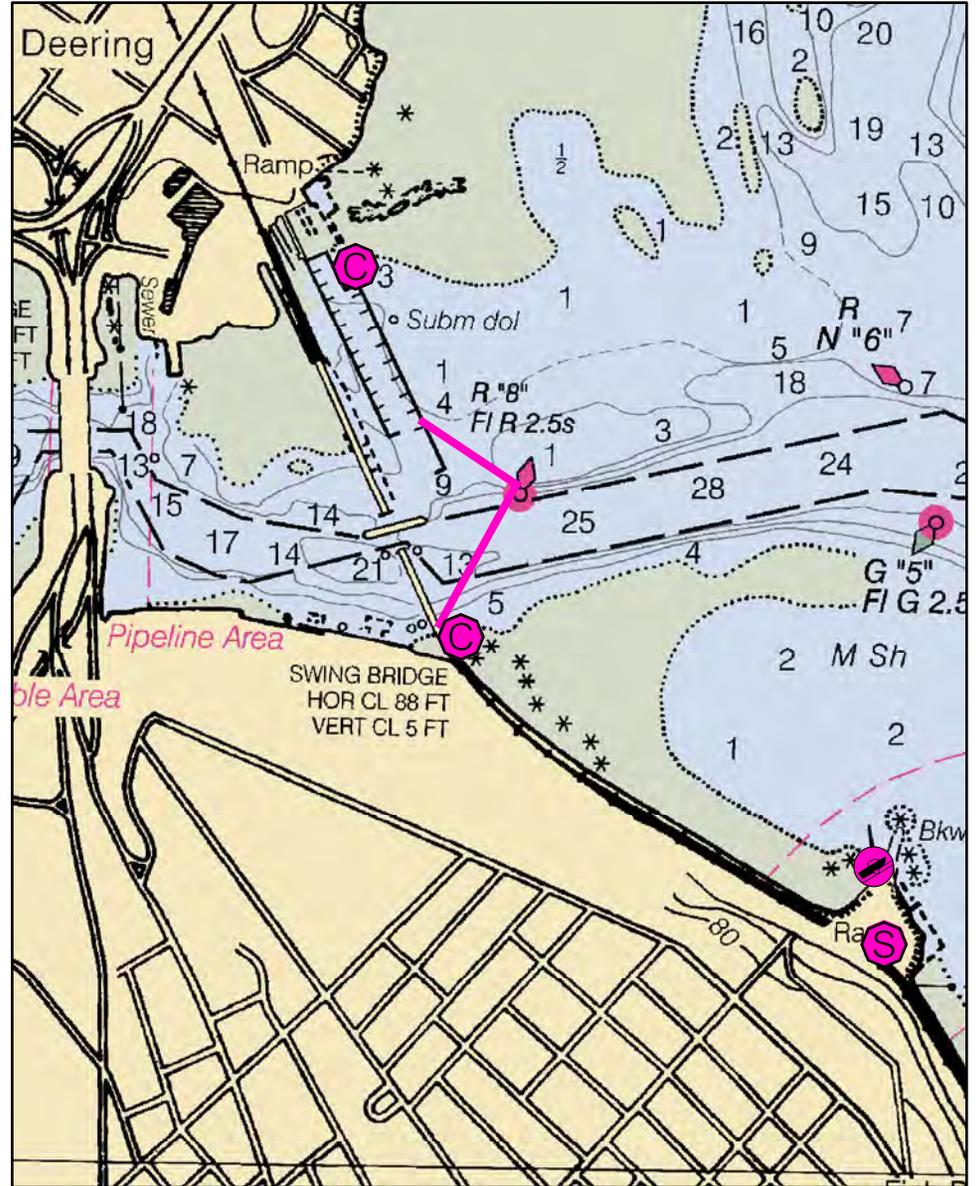


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Legend

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