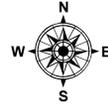
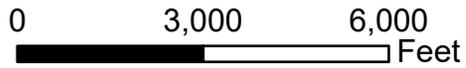
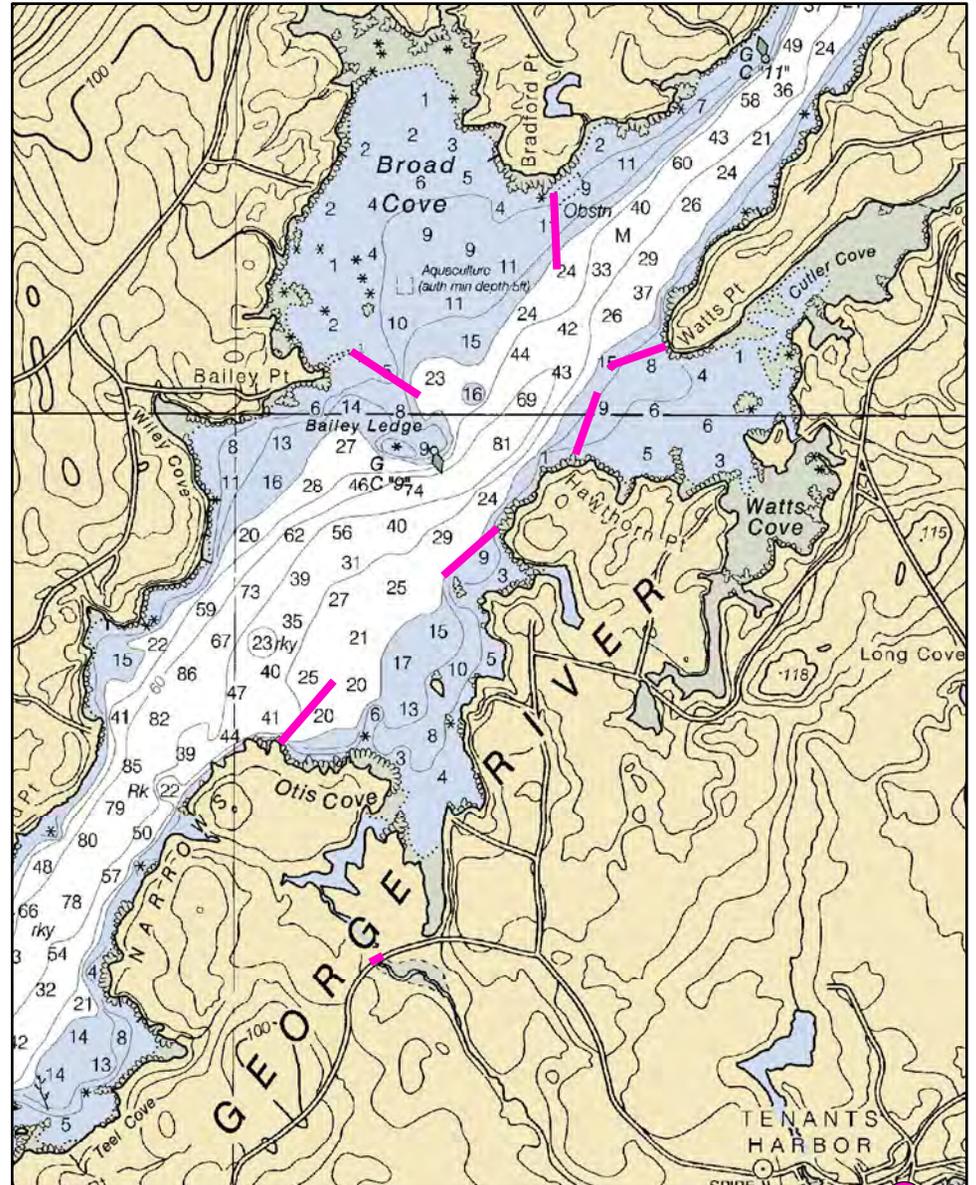
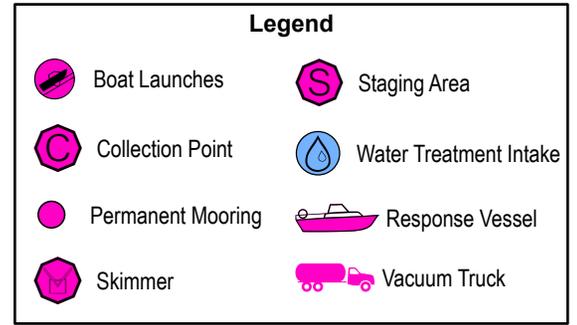
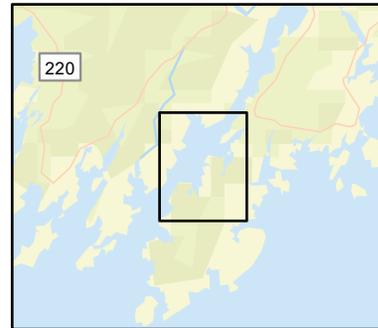
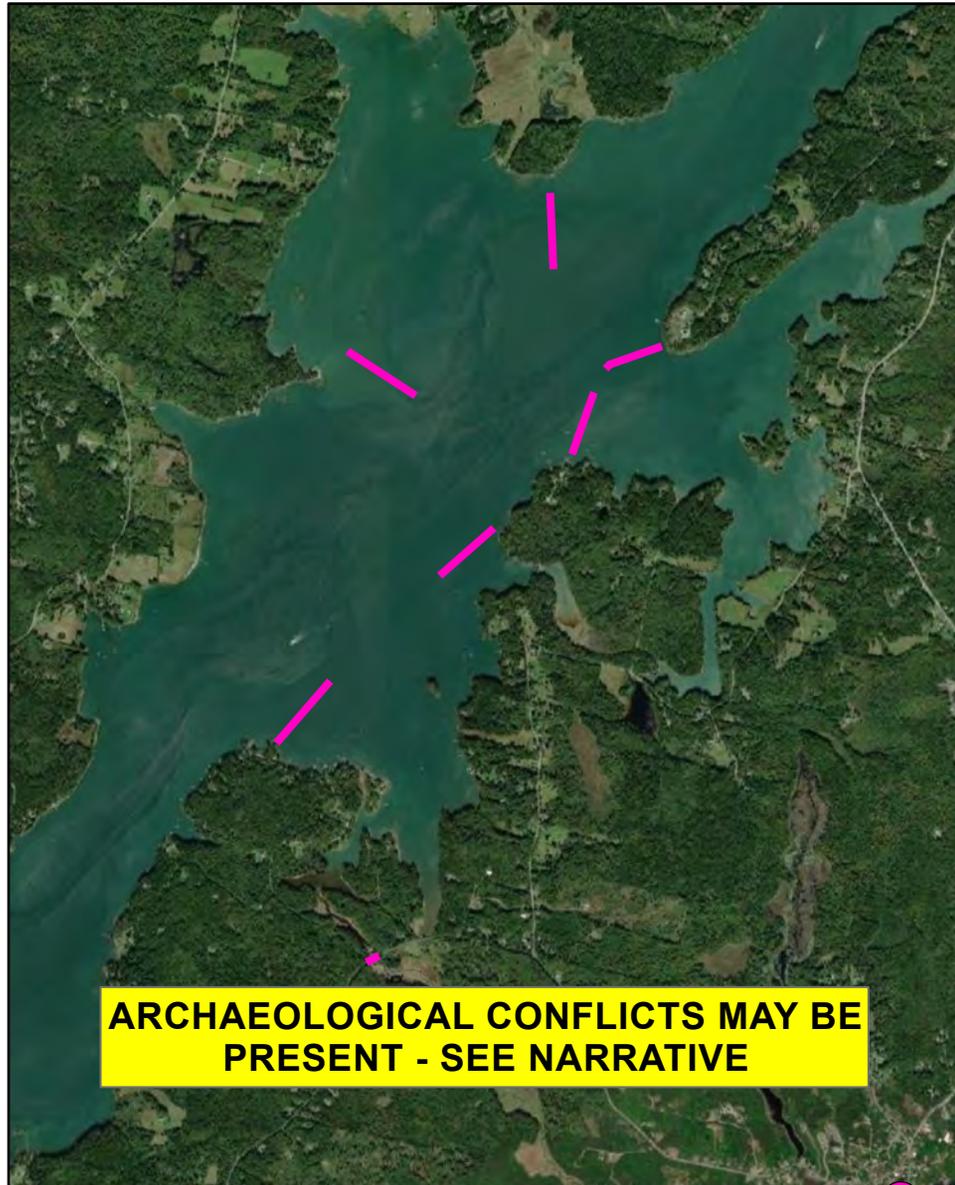


C-04-1

Otis Cove / Watts Cove / Cutler Cove / Broad Cove Saint George, ME



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



C-04-1 Otis, Watts, Cutler and Broad Coves

Town	Saint George	Port Region	Penobscot Bay
Latitude	43° 59.259' N	Longitude	69° 14.708' W
Approx. Tidal Range (feet)	10 - 20'	NOAA Chart #	13301_1
Max Current (knots)	Flood 1 - 2 knots	ESI Map #	37D, 37B
	Ebb	EVI Map #	35, 36
Source	Estimated	DeLorme Map # (2019)	8 A2, B2

Resources At Risk

ESI Primary Shoreline Type Vegetated low banks (9B)
ESI Secondary Shoreline Type Mixed sand and gravel beaches (5)

Environmental Concerns Coves contain high value shorebird areas and shellfish areas. Tidal flats and salt marshes. Otis Cove salt marsh requires only 100 feet of boom. Watts Cove is most sensitive.

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 deflect oil from coves

Staging Areas Thomaston Town Landing, Water Street, Thomaston

Site Access Thomaston Town Landing, Water Street, Thomaston

Nearest Boat Ramp Thomaston Town Landing, Water Street, Thomaston

Collection Points n/a

Special Instructions Local area knowledge of ledges is critical.

Work Assignment Deploy 100 feet of boom across Turkey Road in Otis Cove at entrance to marsh. If resources allow, use 1000' lengths of boom to deflect oil from Otis Cove, Watts Cove, Cutler Cove and Broad Cove depending on tide direction.

Recommended Equipment / Resources

Length of Boom (feet)	100 and 6000	Type of Boom	12" to 18" containment boom
Recommended Equipment (Minimum)	Otis Cove salt marsh: 1 - vehicle with boom 2 - shoreside connections 1 - vacuum truck or skimmer and storage if needed 2 - laborers	For each of remaining coves: 2 - anchor systems: 35 lb. Danforth or equivalent and line for 3:1 scope plus tag line with buoy 2 - shoreside connection 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 9/11/2009

Last Field Test: