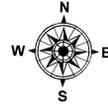
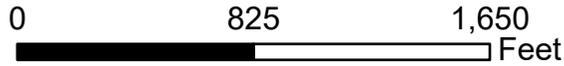
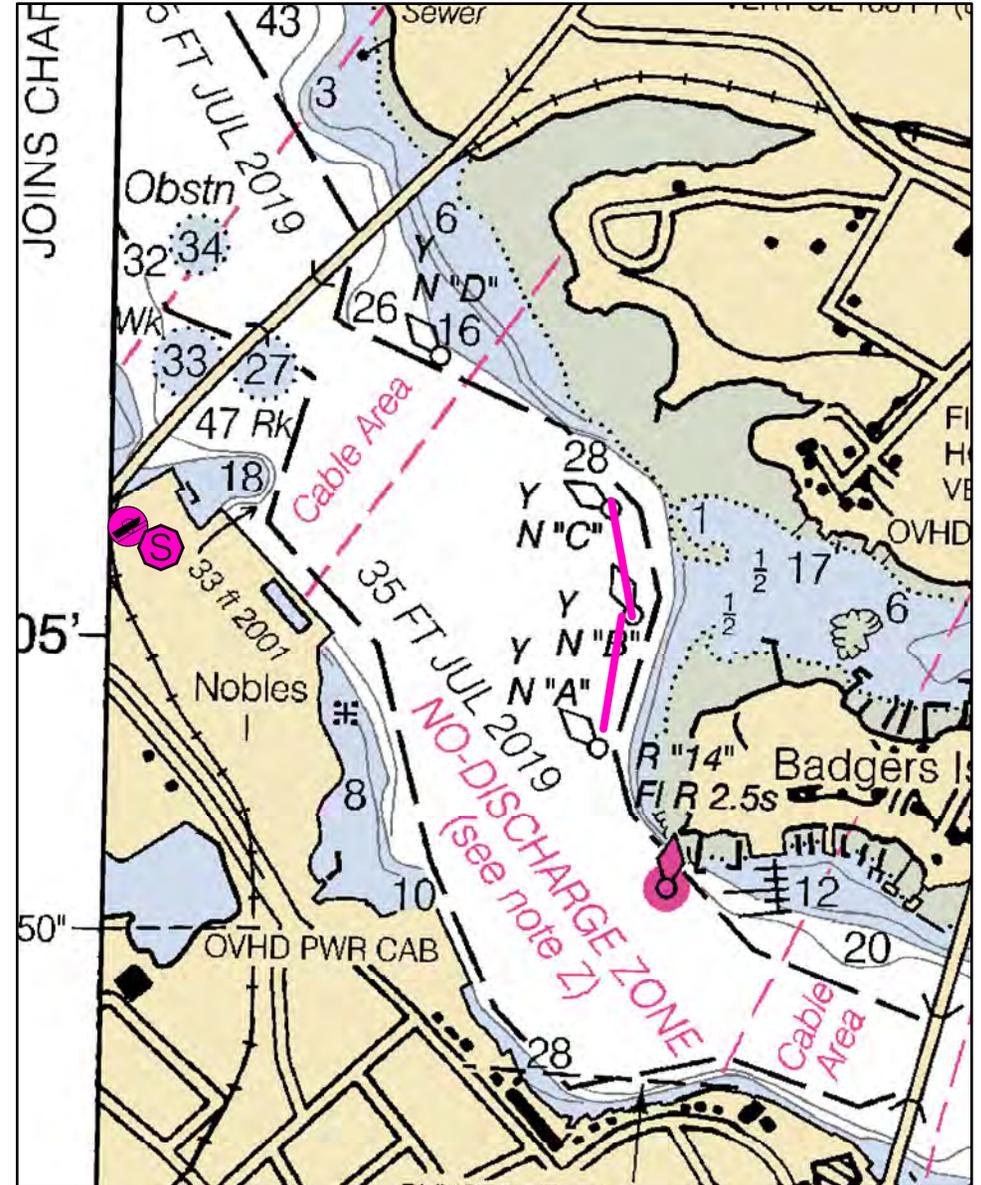
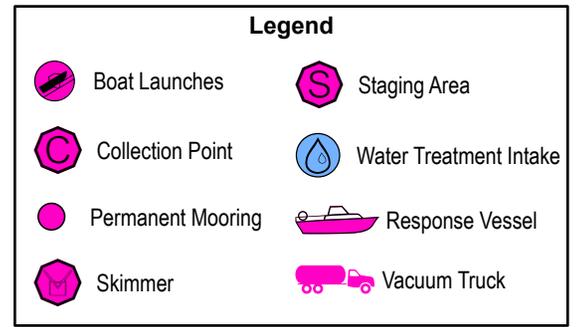
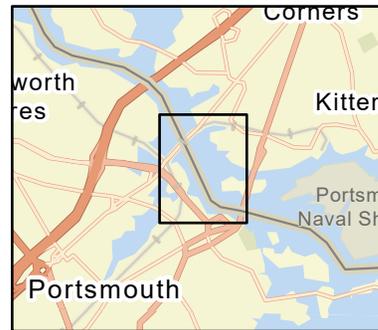


# A-27-1

## Between Kittery and Badgers Island Kittery, ME



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



# A-27-1 Between Kittery and Badgers Island

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

## Resources At Risk

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

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

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

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

## Strategy Information

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

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

**Site Access** By water

**Nearest Boat Ramp** Same as staging areas

**Collection Points** N/A

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

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

## Recommended Equipment / Resources

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

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

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

Last Desktop Validation: 2/15/2018

Last Field Visit 7/31/2003

Last Field Test: 10/5/2008