

A-36-1

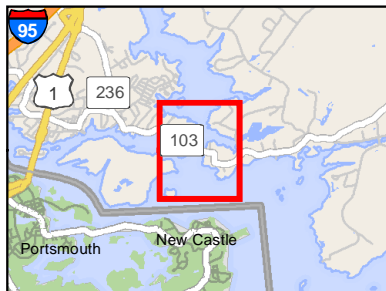
Spruce Creek

Kittery, ME

0 750 1,500 Feet



Printed: 4/11/2018



Legend	
	Boat Launch
	Containment boom
	Collection point
	Staging area
	Response vessel
	Collection point
	Tide slide
	Vac truck
	Skimmer
	Command post



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Spruce Creek

Town Kittery, ME

Port Region New Hampshire and Southern Maine

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

Strategy A-36-1

NOAA Chart # 13283_1 **ESI Map #** 54D

EVI Map # 2

Resources At Risk

ESI Shoreline Type(s) Sheltered tidal flats
Sheltered impermeable rocky shores

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

Strategy Information

Strategy Purpose Divert oil from reaching upper Spruce Creek

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

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

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

Nearest Boat Ramp Same as staging

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

Approx. Tidal Range (feet) 9

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

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

Recommended Equipment / Resources

Length of Boom (feet) 1200 (primary), 600 (secondary) **Type of Boom** 12" - 18" containment boom

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

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

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

Actual length required may vary with conditions.

Revised

10/25/2017

Last Field Tested

10/1/2014