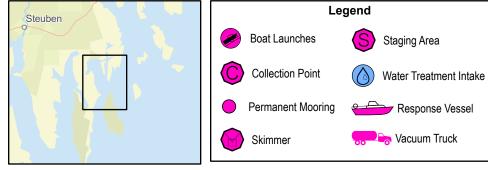
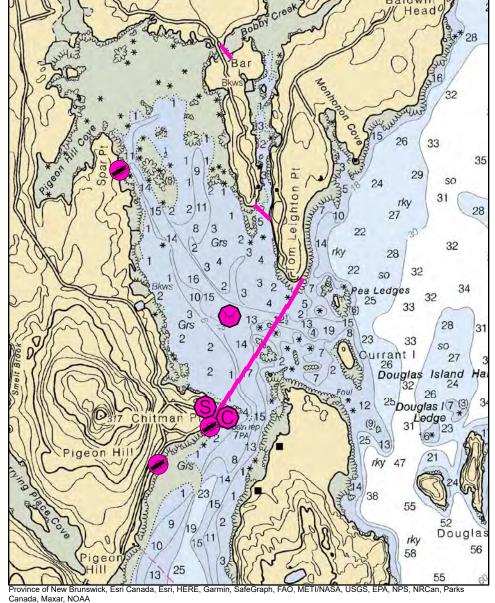
# **D-04-1**

## Pigeon Hill Bay Milbridge / Steuben, ME







### D-04-1 Pigeon Hill Bay

Town Steuben / Milbridge

**Latitude** 44° 27.596 **Longitude** 67° 52.381

Approx. Tidal Range (feet) 12

Max Current (knots) Flood Ebb EVI Map # 78

Source DeLorme Map # (2019) 17 A3

#### Resources At Risk

ESI Primary Shoreline Type Mixed sand and gravel beaches (5)
ESI Secondary Shoreline Type Coarse grained sand beach (4)

Environmental Concerns Upper bay has many sensitive areas including shorebird habitat, shellfish beds, mudflats, marshes and lobster

pounds. If unable to deploy entire strategy, protect the most sensitive area between Bar Island and Tom

Leighton Point.

Archaeological Conflicts Maintain activities within developed areas on Chitman Point; avoid surface disturbance. Deviations from GRS

design will require MHPC review. Contact MHPC at (207) 287-2132.

#### **Strategy Information**

Strategy Purpose To divert / exclude oil from upper Pigeon Hill Bay

Staging Areas Aerial photos show part-tide launch at Chitman Point. Also a part-tide ramp at Pigeon Hill Road in Steuben (very

limited parking here).

Site Access Part-tide ramp at Chitman Point

Nearest Boat Ramp Same as staging. Nearest all-tide ramp is Narraguagus River in downtown Milbridge.

Collection Points Chitman Point at ramp

Special Instructions 
Current speed is unknown here. If large boom deployment is not feasible, see alternatives under "Work

Assianment"

Work Assignment Large boom strategy is first line of defense for the upper bay. If entire strategy is not feasible, see alternatives

below:

1. Deploy eleven 400 foot sections of boom between Tom Leighton Point and Chitman Point.

2. Use shallow water skimmer in mid channel confluence area

3. Deploy 500 feet of boom between Tom Leighton Point and Bar Island, and 200 feet of boom across causeway

on Bar Island Road

#### Recommended Equipment / Resources

Length of Boom (feet) 4400 / 750

Type of Boom 12" to 18" containment boom

Downeast

19A

Port Region

ESI Map #

NOAA Chart # 13324 1

Recommended Equipment (Minimum) Primary strategy:

20 - anchor systems: 35 lb. Danforth or equivalent

and line for 3:1 scope plus tag lines and buoys.

2 - shoreside connections

1 - vacuum truck or skimmer and storage

2 - 4 workboats with minimum 90 hp

2 - 4 boat operators

6 - laborers

Alternative (between Bar Island & Tom Leighton Pt):

Small workboat

4 - shoreside connections1 - boat operator

i - boai operaio

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:	4/29/2019	Last Field Visit		Last Field Test:		
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