

INLET SUMMARY SHEET

INLET: Pawtuxet Cove (#30)

DATE AND TIME SURVEYED AND TIDE STAGE: 19 March 1999, 17:10-17:30. Low at 14:25 (-1.1), High at 21:23 (+5.8), at Providence State Pier #1 Station #1177.

INLET CLASS: C

GEOMORPHOLOGY: Natural river mouth with offshore breakwater and extensive piers and docks. Recreational harbor.

PRINCIPAL RESOURCES AT RISK: Pawtuxet Cove has a highly modified shoreline with seawalls, boat berths, marinas, and piers. Birds, including waterfowl (black ducks, widgeons, canvasback, coots, Canada geese, mergansers, and scaups), wading birds, raptors (osprey), and gulls utilize the area. Winter flounder, striped bass, eels, summer flounder, large mouth bass, weakfish, menhaden, and blue fish are reported to be in the area. Horseshoe and blue crabs, as well as clams, oysters, blue mussels, and quahogs (*Mercenaria*) are present in the vicinity. Pawtuxet Cove is a rich nursery area and numerous species of juvenile fish can be found here. Recreational boating is an important factor in the area. Private residences with piers are located around most of the cove.

PRELIMINARY PROTECTION STRATEGY: The objective is to trap the majority of the incoming oil near the mouth of the cove, preventing it from getting into the upper reaches of the cove, or in the southern part with the riprap breakwater. CP-1 is a shore-based collection point on the western side of the cove. CP-2 to CP-4 are skimmers.

From an anchor point at or/near the red marker buoy just inside the entrance to the cove, deploy deflection boom in a SWW direction to the old concrete boat ramp (CP-1). From the first boat pier on the western side of the cove, deploy deflection boom in a westerly direction to CP-1. From the primary anchor point at the first boat pier on the western side of the cove, deploy deflection boom in a northerly direction to the skimmer at CP-3. From an anchor point on the SW tip of Pawtuxet Neck, deploy deflection boom in a NNW direction to CP-3.

From the primary anchor point at the first boat pier on the western side of the cove, deploy protection boom and then deflection boom in a northerly direction to the back-up skimmer at CP-4. From an anchor point near the SW tip of Pawtuxet Neck, deploy deflection boom to a primary anchor point near end of pier nearest entrance. From that anchor point, deploy protection boom along the outer margin of the piers and docks for approximately 400 ft. to another primary anchor point from which deflection boom is run in a northwesterly direction to the skimmer at CP-4.

From an anchor point at the northern tip of the riprap jetty at the entrance of the cove, deploy deflection boom in a SW direction to the skimmer at CP-2. From the anchor point at or/near the red marker buoy just inside the entrance to the cove, deploy deflection boom in a SEE direction to CP-2.

Collection Point	Description	Access	Proposed Equipment
CP-1	Concrete boat ramp (out of use)	From Narragansett Pkwy. in Warwick, turn east to boat ramp at entrance to cove.	Approx. 500 ft. deflection boom, 5 sets of anchors.
CP-2	Skimmer	Deploy from boat ramp at CP-1.	Approx. 700 ft. deflection boom, 7 anchor sets, skimmer.
CP-3	Skimmer	Deploy from boat ramp at CP-1.	Approx. 700 ft. deflection boom, 7 anchor sets, skimmer.
CP-4	Skimmer	Deploy from boat ramp at CP-1.	Approx. 800 ft. deflection boom, 900 ft. protection boom, 17 anchor sets, skimmer.

RESOURCES REQUIRED (if full strategy is implemented): Approximately 2,700 ft. of deflection boom; 900 ft. protection boom; 36 anchor sets minimum Three JBF 420 Skimmer Systems with skimming capacity of 225 bbl/hr, and onboard storage capacity of 1,320 gals. Vacuum trucks (2,000-5,000 gal. capacity) with skimmer heads, additional storage capacity, and other equipment as needed.

CONTACT INFORMATION:

Rhode Island Dept. of Env. Mgmt. Emergency Response: (401) 222-3070
 U.S. Fish and Wildlife: (401) 364-9124
 U.S. Coast Guard: (401) 435-2300
 Coastal Resources Management Council: (401) 783-3370
 Warrick EMA Director: (401) 737-2244
 Cranston EMA Director: (401) 461-4161

OTHER COMMENTS:

30 - PAWTUXET COVE



From USGS 7.5' topographic quads: East Greenwich, and Providence, RI published: 1957, photorevised 1970 and 1975; Bristol, RI-Mass published: 1955, photorevised 1970 and 1975; East Providence, RI-Mass published: 1971, photorevised 1979

SCALE 1 : 24,000



MILES



KILOMETERS



INLET SKETCH MAP

Inlet Name PAWTUXET COVE

Inlet Number 30





Recorder(s) MOH/LC

Date/Time 19 MARCH 1999; 1730

Tide Stage EARLY FLOOD

Inlet Classification C

POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)








-  Deflection Boom
-  Protection Boom
-  Anchor Point
-  Collection Point
-  Path of Oil
-  Skimmer

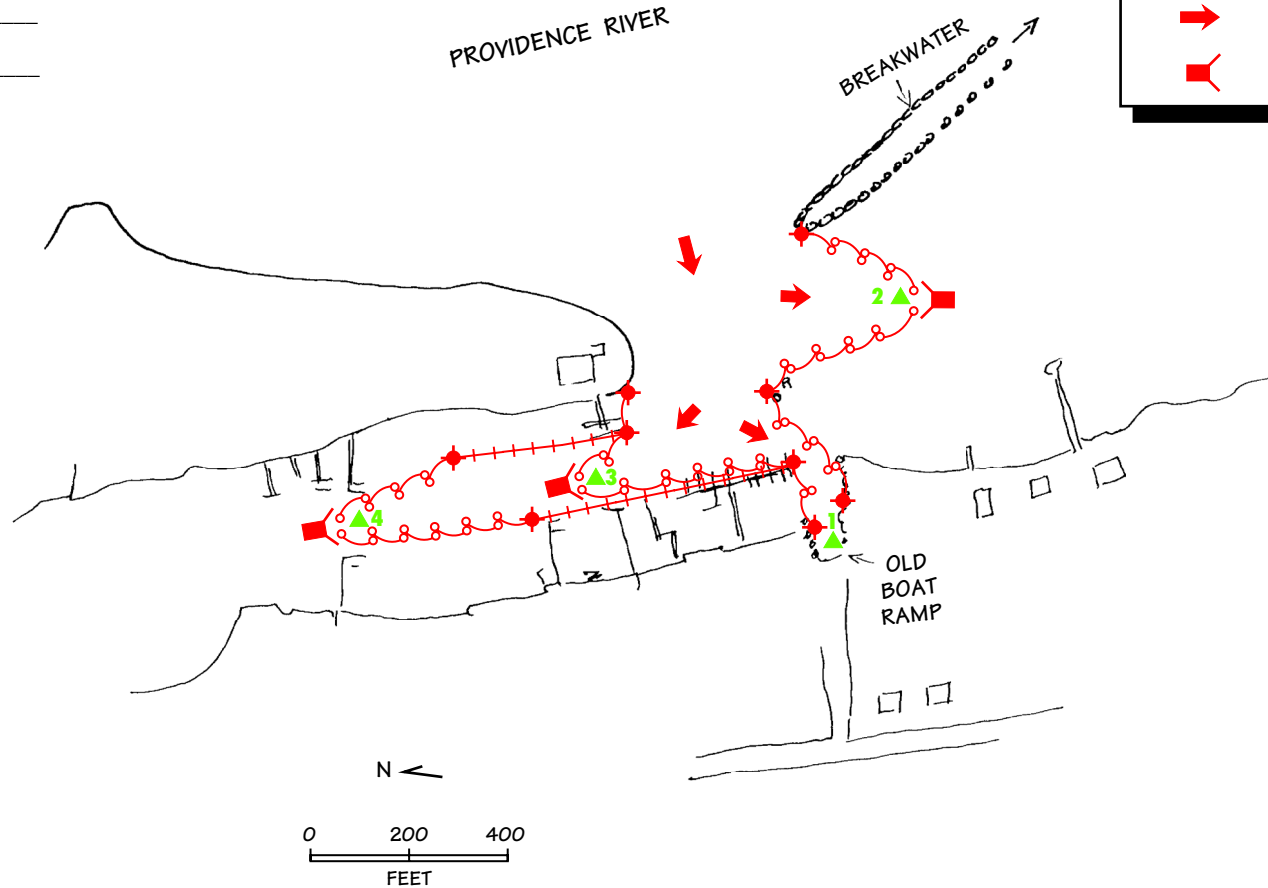
CHECKLIST

- North Arrow
- Scale
- Substrate Type

214

LEGEND

-  Red Channel Marker Buoy
-  Green Channel Marker Buoy
-  Marsh
-  Riprap
-  Sand
-  Sand & Gravel
-  Gravel

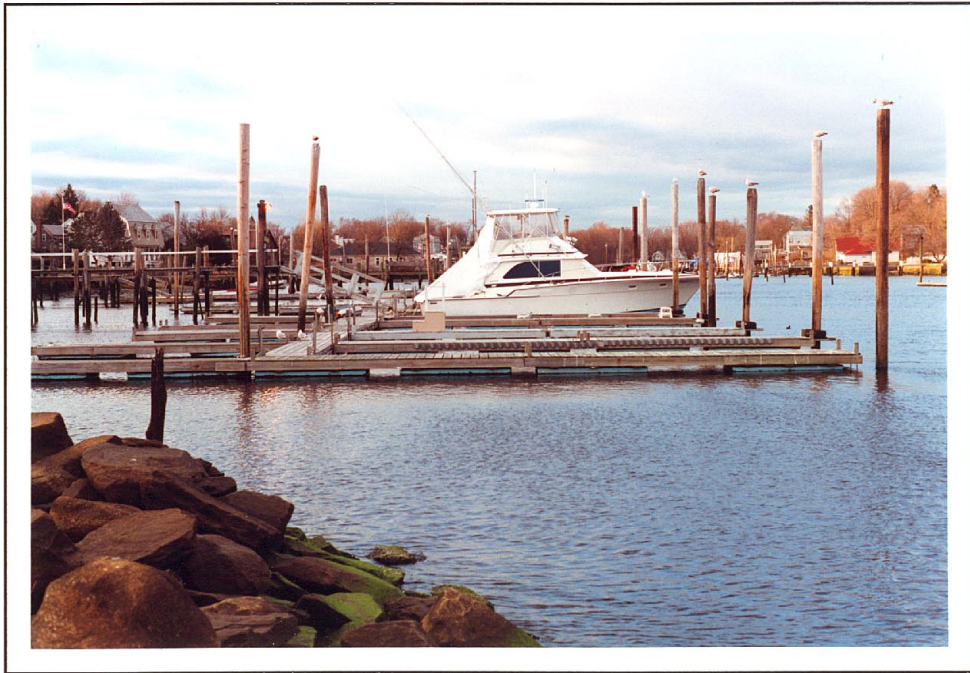


30 - PAWTUXET COVE



From USGS NAPP: roll #8355, frame #232; March 1995; scale -1:40,000
215

0 1 2 MILES



Looking north from near CP-1 during early flood-tide on 19 March 1999, Pawtuxet Cove (#30).



Looking NNE across inlet entrance during early flood-tide on 19 March 1999, Pawtuxet Cove (#30).