

## INLET SUMMARY SHEET

INLET: Passeonkquis Cove (#29)

DATE AND TIME SURVEYED AND TIDE STAGE: 19 March 1999, 16:20-17:00. Low at 14:24 (-1.1), High at 21:21 (+5.9), at Nayatt Point Station #1175.

INLET CLASS: C

GEOMORPHOLOGY: Small natural cove with extensive tidal flats in its upper reaches. Not closed off by major barrier spits, but small sand and gravel spit is located at the eroding southern entrance.

PRINCIPAL RESOURCES AT RISK: Fringing salt marsh and a large tidal flat are associated with Passeonkquis Cove. Birds, including waterfowl (black ducks, brants, Canada geese, mergansers, wigeons, diving ducks), raptors (osprey), and gulls utilize the area. Winter flounder, tautog, alewife, and striped bass are reported to be in the vicinity. Clams, oysters, mussels, and quahogs (*Mercenaria*), as well as horseshoe crabs are present in the area. Recreational clamming and fishing occurs in the area. Private residences 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. CP-1 is a shore-based collection point on the north side of the cove. CP-2 is a skimmer positioned inside the cove.

From an anchor point approximately 225 yards east of the inlet, deploy deflection boom to the boat ramp on the north side of the entrance of the inlet. From an anchor point outside of the inlet on the sand and gravel beach on the south side, deploy protection boom in a NW direction in front of the eroded peat to an anchor point at the mouth of the inlet. From this anchor point, deploy deflection boom in a SWW direction to the skimmer at CP-2. From CP-1, deploy deflection boom in a SW direction to the skimmer at CP-2.

Collection Point	Description	Access	Proposed Equipment
CP-1	Boat ramp	From Hwy. 117 (Warwick Ave.), turn east on Narragansett Pkwy. Turn south to access boat ramp, just before road turns in a northerly direction.	Approx. 700 ft. deflection boom, 7 sets of anchors.
CP-2	Skimmer	Deploy from boat ramp at CP-1. Access to southern side: From Hwy. 117 (Warwick Ave.), turn east on Narragansett Pkwy. and south on Spring Green Rd. At traffic circle, go east toward Gaspe Pt. Access inlet by driving on beach at high tide near the old yacht club location.	Approx. 600 ft. deflection boom, 400 ft. protection boom, 10 anchor sets, skimmer.

RESOURCES REQUIRED (if full strategy is implemented): Approximately 1,300 ft. of deflection boom; 400 ft. protection boom; 64 anchor sets minimum. One JBF 420 Skimmer System 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

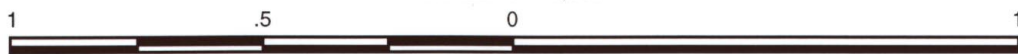
OTHER COMMENTS:

# 29 - PASSEONKQUIS COVE

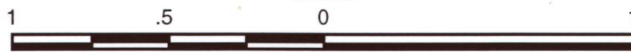


From USGS 7.5' topographic quads: East Greenwich, and Providence, RI published: 1957, photorevised 1970 and 1975; Bristol, RI-Mass published: 1955, photorevised 1970 and 1975; East Providence, RI-Mass published: 1971, photorevised 1979

SCALE 1 : 24,000



MILES



KILOMETERS



# INLET SKETCH MAP

Inlet Name PASSEONKQUIS COVE







Inlet Number 29

Recorder(s) MOH/LC

Date/Time 19 MARCH 1999; 1655

Tide Stage LOW

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


208

## LEGEND

 Red Channel Marker Buoy

 Green Channel Marker Buoy

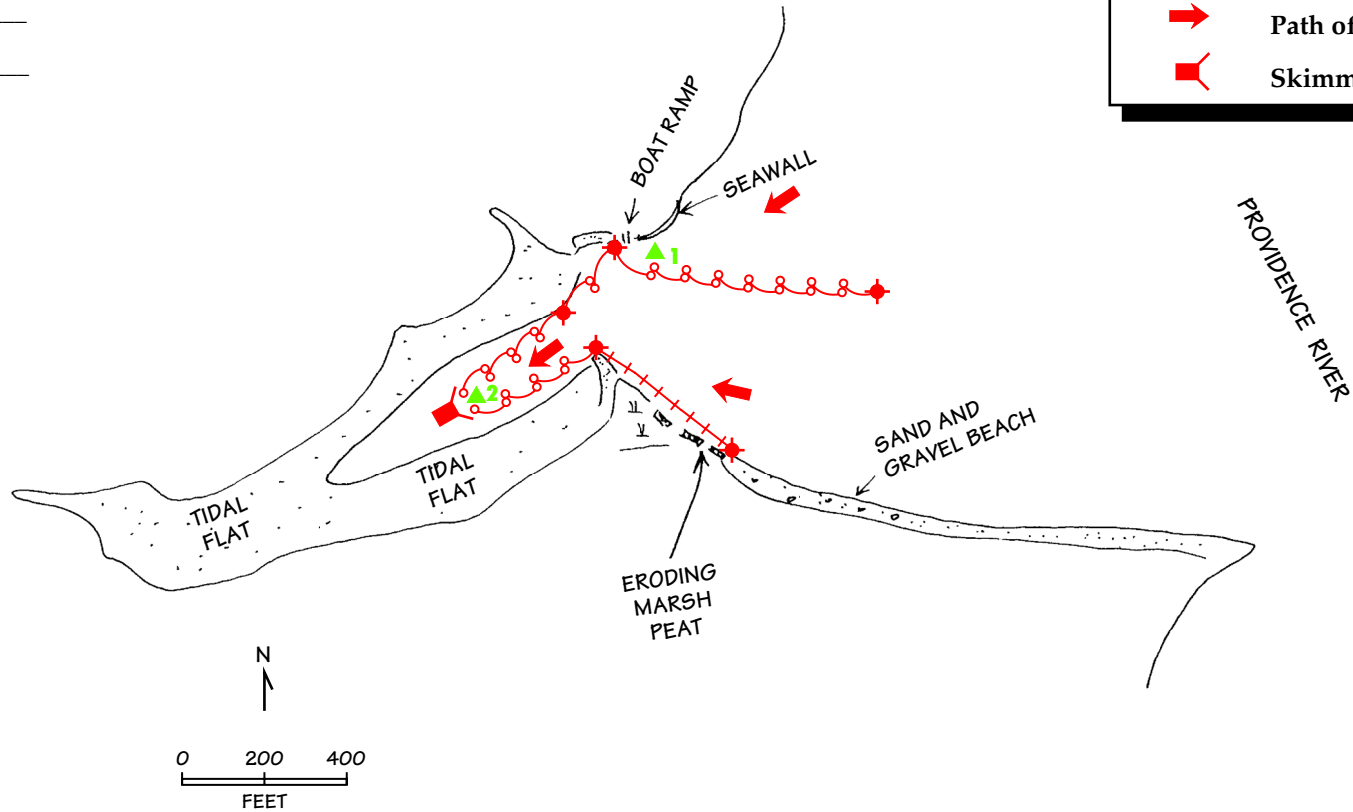
 Marsh

 Riprap

 Sand

 Sand & Gravel

 Gravel



# 29 - PASSEONKQUIS COVE



From USGS NAPP: roll #8355, frame #232; March 1995; scale -1:40,000  
209

0 1 2 MILES



Looking NWW at eroding marsh peat near entrance of cove at low tide on 19 March 1999, Passeonkquis Cove (#29).



Looking north across inlet entrance at CP-1 at low tide on 19 March 1999, Passeonkquis Cove (#29).