

INLET SUMMARY SHEET

INLET: **Nonquit Pond (#53)**

DATE AND TIME SURVEYED AND TIDE STAGE: 23 March 1999, 12:25-13:40. High at 12:32 (+3.6), Low at 17:48 (-0.1), at Anthony Point, Sakonnet River Station #1147.

INLET CLASS: **C**

GEOMORPHOLOGY: Classic tidal inlet morphology (see Fig. 4), with barrier spits composed of sand and gravel. Ebb-dominated, with complex tidal channel/marsh system landward of the inlet.

PRINCIPAL RESOURCES AT RISK: Extensive salt marshes and tidal flats are associated with the southern part of Nonquit Pond. Birds, including waterfowl (black ducks, mergansers, scaups, puddle ducks, canada geese), shore birds, wading birds, raptors (osprey), and gulls utilize the area. Winter flounder, alewife, striped bass, and wekfish are found in the vicinity. Fish ladders for alewife are installed in the area. Horseshoe and blue crabs, as well as mussels, oysters, clams (*Mya*) and quahogs (*Mercenaria*) are present. The southern section of Nonquit Pond is part of the Fogland Marsh State Management Area. Nonquit Pond is generally considered as a sensitive area. Recreational fishing and clamming occurs in the area.

PRELIMINARY PROTECTION STRATEGY: CP-1 and CP-2 are located just inside the inlet. CP-3 and CP-4 are located along tidal channels east and west of the inlet.

From an anchor point in the middle of the inlet throat, deploy deflection boom in a Christmas tree configuration in a NNE direction to an anchor point (CP-1) on the northwest side of the channel, and in a NE direction to an anchor point (CP-2) on the east side of the channel.

From CP-1, deploy protection boom on the southern shore of the northwest channel of the estuary to CP-4. From an anchor point where the principal channel bifurcates NE of CP-1, deploy deflection boom in a Christmas tree configuration to the northern banks of the two channels. For the northwest channel, deploy protection boom on the northern shore to a point across the channel from CP-4, and from there continue with deflection boom to CP-4. For the southeast channel, deploy protection boom in a SSE direction of the northern shore of the channel to a primary anchor point, and from there continue with deflection boom across the channel to CP-3.

Collection Point	Description	Access	Proposed Equipment
CP-1	Sand and gravel beach (mostly sand).	From Hwy. 77 (Main St.), turn west on Fogland Rd. Continue on Fogland Rd. south to parking area west of the inlet. Access collection point by driving on beach at low tide.	Approx. 200 ft. deflection boom, 3 sets of anchors.
CP-2	Sand and gravel beach (mostly sand).	Same as CP-1. Make path through dunes to within 25 m of collection point.	Approx. 200 ft. deflection boom, 3 sets of anchors.
CP-3	Sand and gravel beach (mostly sand).	From Hwy. 77 (Main St.), turn west on road across from Windmill Hill. Continue to the inlet at Almy Bk.	Approx. 400 ft. deflection boom, 2,400 ft. protection boom, 28 sets of anchors.
CP-4	Marsh	Same as CP-3.	Approx. 500 ft. deflection boom, 400 ft. protection boom, 9 sets of anchors.

RESOURCES REQUIRED (if full strategy is implemented): Approximately 1,300 ft. of deflection boom; 2,800 ft. protection boom; 43 anchor sets minimum. Vacuum trucks (2,000-5,000 gal. capacity) with skimmer heads, additional storage capacity, and other equipment as needed.

CONTACT INFORMATION:

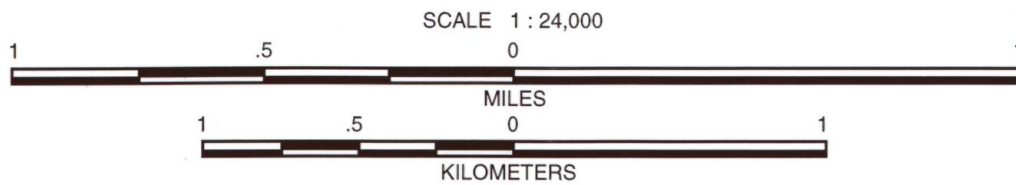
Rhode Island Dept. of Env. Mgmt. Emergency Response: (401) 222-3070
U.S. Fish and Wildlife: (401) 364-9124
U.S. Coast Guard: (401) 435-2300
Coastal Resources Management Council: (401) 783-3370
Tiverton EMA Director: (401) 625-6741

OTHER COMMENTS:

53 - NONQUIT POND



From USGS 7.5' topographic quad: Tiverton, RI-Mass published: 1949, photorevised 1970 and 1975



INLET SKETCH MAP

Inlet Name NONQUIT POND

Inlet Number 53

Recorder(s) MOH/LC/TH

Date/Time 23 MARCH 1999; 1330

Tide Stage HIGH








Inlet Classification C

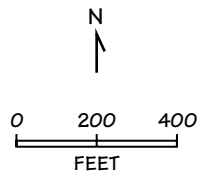
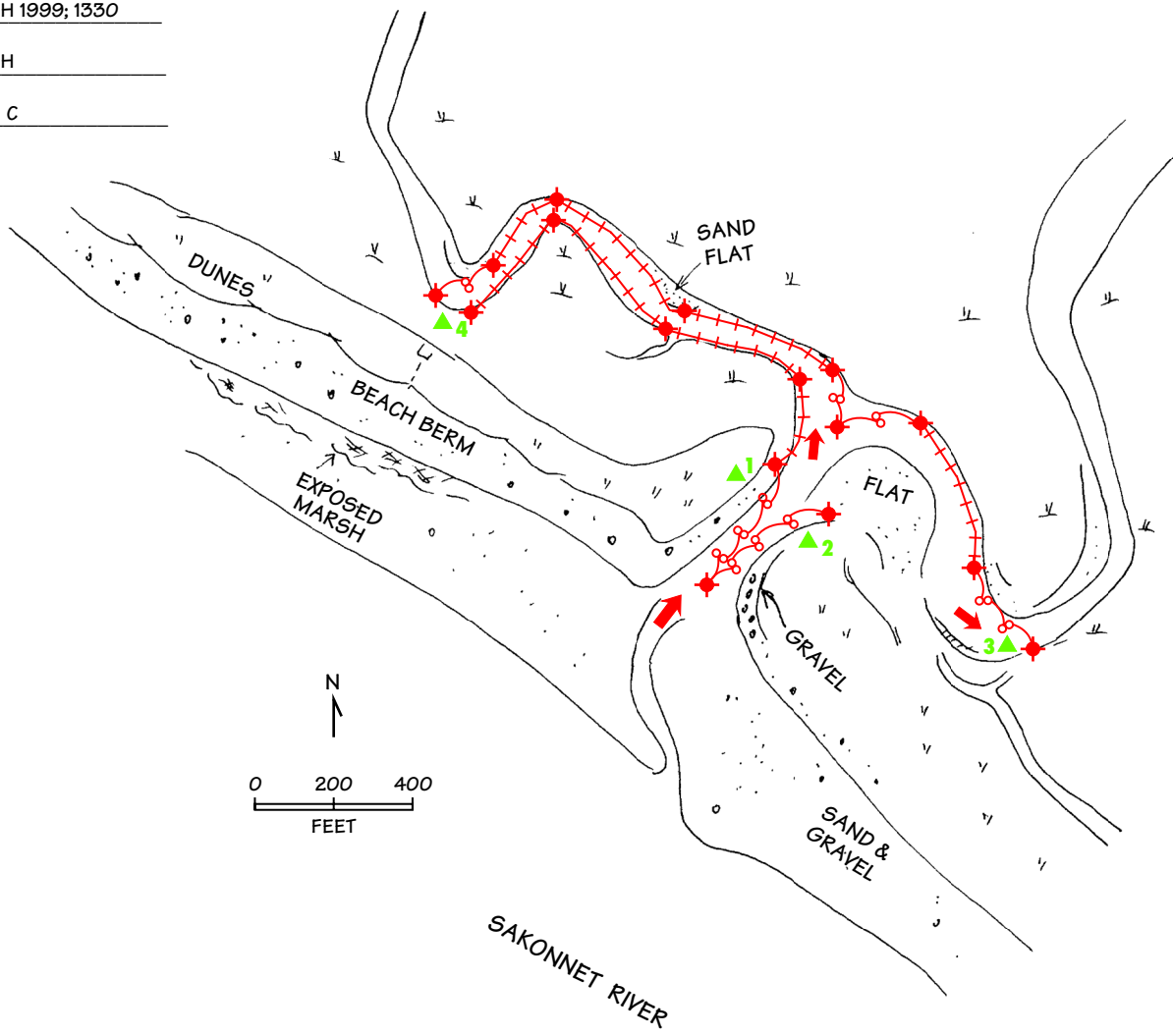
CHECKLIST






- ✓ North Arrow
- ✓ Scale
- ✓ Substrate Type

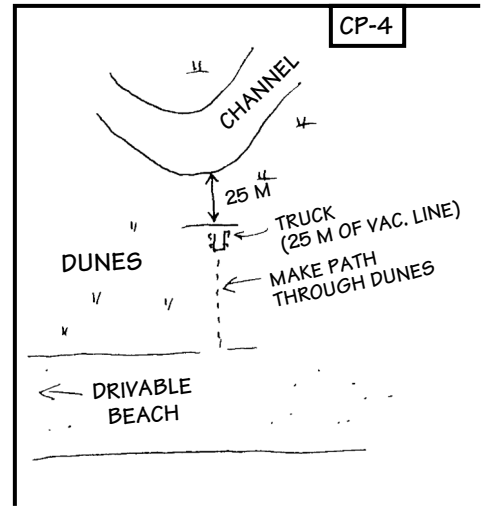
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LEGEND

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



POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)	
	Deflection Boom
	Protection Boom
	Anchor Point
	Collection Point
	Path of Oil



53 - NONQUIT POND



From USGS NAPP: roll #8358, frame #77; March 1995; scale -1:40,000

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0 1 2 MILES



Looking north from near CP-2 at low tide on 23 March 1999, Nonquit Pond (#53).



Looking SSE at low tide on 17 March 1999, Nonquit Pond (#53).