

INLET SUMMARY SHEET

INLET: Trustom Pond (#5)

DATE AND TIME SURVEYED AND TIDE STAGE: 18 March 1999, 12:45-13:10. High tide at 07:53 (+3.8), Low at 14:00 (-0.7) at Point Judith Pond, Outer Coast, Station #1193.

INLET CLASS: D

GEOMORPHOLOGY: A temporary washover channel through the barrier beach that is activated during major storms and exceptionally high tides. Artificially breached once a year in April (closes naturally in 2-3 days).

PRINCIPAL RESOURCES AT RISK: Salt marshes and eel grass beds are associated with Trustom Pond. Numerous birds, including wading birds, waterfowl (diving ducks, greater scaup, Canada geese, puddle ducks), shorebirds (piping plovers), diving birds (common loon), raptors (osprey), and gulls utilize the area. Nesting of least terns (April to August) and piping plovers (May - August) occurs in the dunes on the beach (Moonstone Beach) in front of Trustom Pond. River otters are also reported in the area. The entire pond is part of the Trustom Pond National Wildlife Refuge and no recreational or commercial fishing is permitted in the pond. The beach associated with Trustom Pond is a popular recreational (swimming) beach, though Moonstone Beach is closed most of the year due to the presence of piping plovers.

PRELIMINARY PROTECTION STRATEGY: Since Trustom Pond is closed to the ocean under normal conditions, the objective is to prevent oil from entering the pond on water flowing across the washover fan during adverse conditions (such as a high spring tide with strong onshore winds). The protection strategy would be to construct a sediment dike (approximately 400 ft. long) in front of the washover fan by using sediment (sand) from the intertidal zone along the barrier beach. Care should be taken not to disturb any birds (including least terns and piping plovers) that may be nesting on the beach. Dune sand and vegetation should not be disturbed during this process.

Collection Point	Description	Access	Proposed Equipment
	Sand Beach, some pebbles and cobbles	From Hwy. 1, turn south on Moonstone Beach Rd. Access by driving on the beach.	Bulldozer, front-end loader.

RESOURCES REQUIRED (if full strategy is implemented):

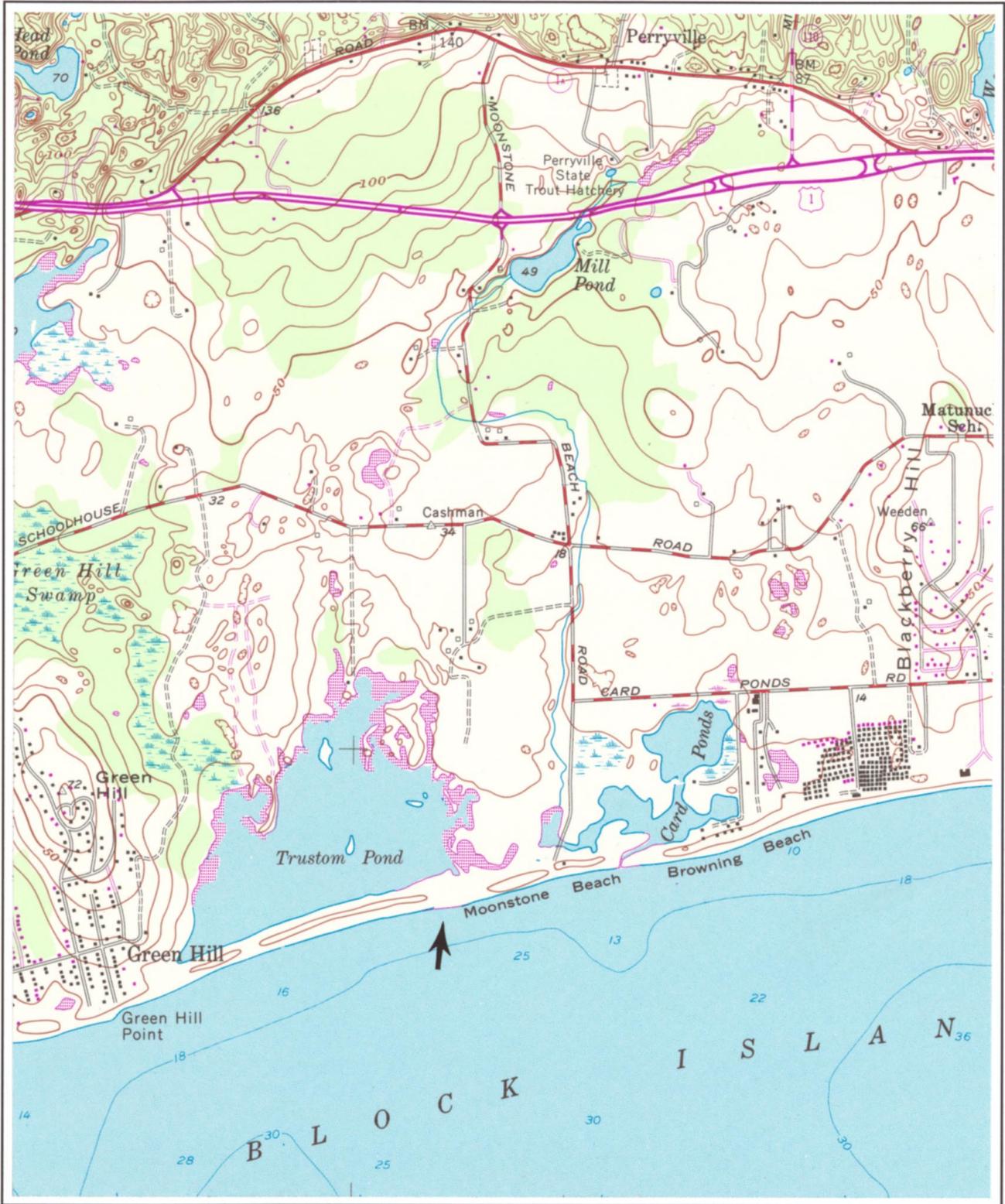
Construction equipment (such as front-end loaders, bulldozers, or other similar equipment that are available). Standard beach cleaning equipment and personnel necessary for beach clean-up operations.

CONTACT INFORMATION:

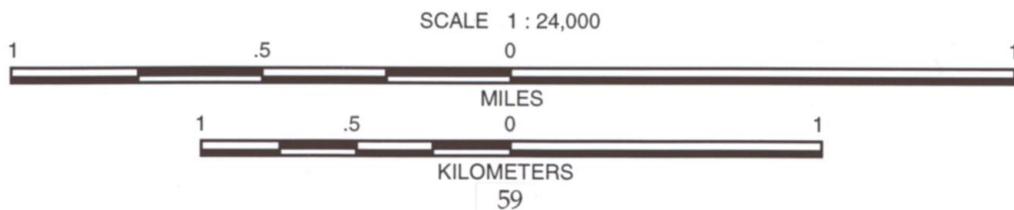
Rhode Island Dept. of Env. Mgmt. Emergency Response:	(401) 222-3070
U.S. Fish and Wildlife:	(401) 364-9124
U.S. Coast Guard:	(401) 435-2300
Coastal Resources Management Council:	(401) 783-3370
South Kingstown EMA Director:	(401) 798-9331

OTHER COMMENTS:

5 - TRUSTOM POND



From USGS 7.5' topographic quad: Kingston, Rhode Island, published: 1957, photorevised 1970 and 1975



INLET SKETCH MAP

Inlet Name TRUSTOM POND

Inlet Number 5

Recorder(s) MOH/LC/SM/CH

Date/Time 18 MARCH 1999; 1310

Tide Stage LOW

Inlet Classification D

POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)

Sediment Dike

CHECKLIST

- North Arrow
- Scale
- Substrate Type

60

LEGEND

○^R
Red Channel
Marker Buoy

○^G
Green Channel
Marker Buoy

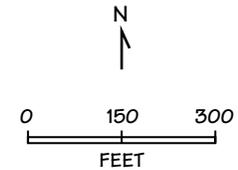
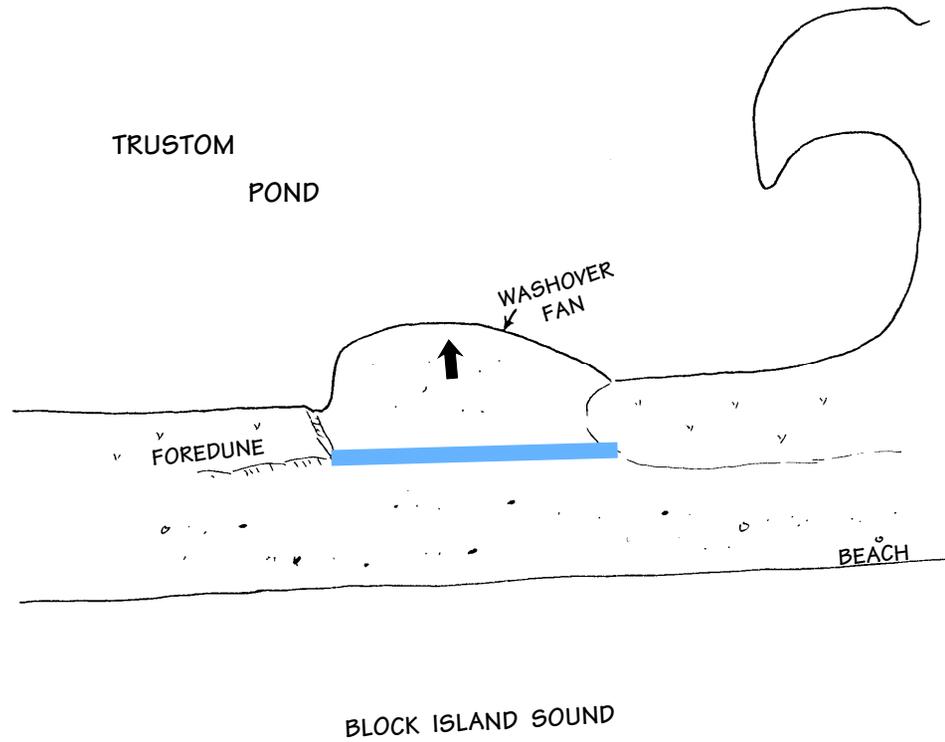
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Marsh

○○○○
Riprap

•••••
Sand

⊙⊙⊙⊙
Sand & Gravel

⊙⊙⊙⊙
Gravel



5 - TRUSTOM POND



From USGS NAPP: roll #8355, frame #34; March 1995; scale -1:40,000

0 1 2 MILES



Looking north at washover fan at low tide on 18 March 1999, Trustom Pond (#5).



Looking north at low tide on 17 March 1999, Trustom Pond (#5).