

INLET SUMMARY SHEET

INLET: Town Pond (#42)

DATE AND TIME SURVEYED AND TIDE STAGE: 20 March 1999, 16:30-16:45. Low at 15:13 (-0.9), High at 22:17 (+5.1), at Bristol Ferry Station #1163.

INLET CLASS: D

GEOMORPHOLOGY: Multiple spit/berm complex composed of shell and sand that shelters a small marsh and channel system. Small outlet channel deflected to the west by the spits.

PRINCIPAL RESOURCES AT RISK: Salt marshes and some tidal flats are associated with Town Pond. Furthermore, a large marsh area connected to the inlet is located between the Conrail tracks (to the north) and Anthony Rd. (to the south). Birds, including wading birds, waterfowl (black ducks), shore birds, and gulls utilize the area. Muskrat are present. Winter flounder, alewife, as well as killy fish and other estuarine fish may be in the area. Clams, oysters, and quahogs (*Mercenaria*) are present in the area. The pond is a designated State of Rhode Island Wildlife Refuge. There are some residences near the inlet and the western side of Town Pond is bordered by the Pocasset Country Club.

PRELIMINARY PROTECTION STRATEGY: The objective is to prevent oil from entering the pond by constructing a sediment dike (approximately 100 ft. long), oriented north-south, at the channel that connects the pond with the ocean, using sediment from the intertidal zone and the ends of the spits. Care should be taken not to disturb any birds that may be nesting on the beach. The sediment in the area is predominantly sand and shell with shell bars.

Collection Point	Description	Access	Proposed Equipment
	Sediment dike. Sand and shell beach.	From Hwy. 114 (Turnpike Ave.), continue north to town of Bristol Ferry and turn east at the end of the road. Follow to small parking area to footpath access to inlet. Access to inlet also available through private property.	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) for construction of the sediment dike. Standard beach cleaning equipment and personnel necessary for beach clean-up operations.

CONTACT INFORMATION:

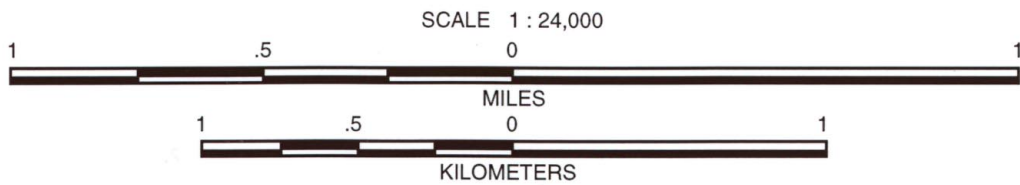
Rhode Island Dept. of Env. Mgmt. Emergency Response:	(401) 222-3070
U.S. Fish and Wildlife:	(401) 364-9124
U.S. Coast Guard:	(401) 435-2300
Coastal Resources Management Council:	(401) 783-3370
Portsmouth EMA Director:	(401) 683-5510

OTHER COMMENTS:

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From USGS 7.5' topographic quads: Fall River, Mass-Rl published: 1967, photorevised 1979; Tiverton, RI-Mass published: 1949, photorevised 1970 and 1975



INLET SKETCH MAP

Inlet Name TOWN POND

Inlet Number 42

Recorder(s) MOH/LC

Date/Time 20 MARCH 1999; 1640

Tide Stage LOW

Inlet Classification D

POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)

Sediment Dike








MOUNT HOPE BAY

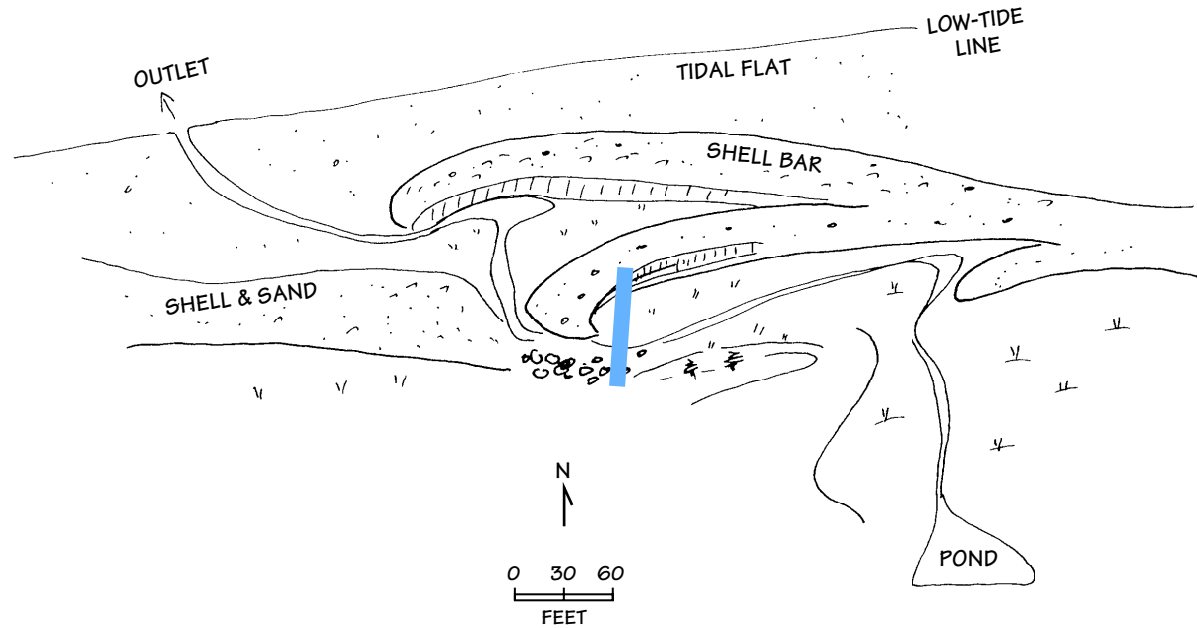
CHECKLIST

- North Arrow
- Scale
- Substrate Type

291

LEGEND

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



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From USGS NAPP: roll #8358, frame #74; March 1995; scale -1:40,000
292

0 1 2 MILES



Looking NNE from location of proposed sediment dike at low tide on 20 March 1999, Town Pond (#42).



Looking north, across the channel at low tide on 17 March 1999, Town Pond (#42).