

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-306)**

PAGE 1 **OF** 1

DATE August 9, 2004

TO: The Record

FROM:

U.S. Army Corps of Engineers
26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
N.Y. AND N.J. CHANNELS, PERTH AMBOY ANCHORAGE

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM
SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	Area (Acres)	DEPTH (feet)			
1. Area No. 1 (37' project)	17, 22, 23, 24,28, 29, 30 June 2004	Irregular	153.92	37	Minimum depth in this section is 33.6 feet		
2. Area No. 2 (25' project)	17, 22, 23, 24,28, 29, 30 June 2004	Irregular	52.08	25	Minimum depth in this section is 24.4 feet		
3. Area No. 3 – Widening to Ward Pt. Bend East Reach (35' project)	17, 22, 23, 24,28, 29, 30 June 2004	Irregular	1.72	35	Minimum depth in this section is 39.9 feet		
4. Area No. 4 – Widening to Ward Pt. Bend West Reach (35' project)	17, 22, 23, 24,28, 29, 30 June 2004	Irregular	8.52	35	Minimum depth in this section is 34.2 feet		

REMARKS:

- All depths in MLW
- Shoaling exists across the entire length of Area No. 1 which has a project depth of 37 feet.
- Spot shoals exist in Areas No. 2 and 4.