

**REPORT OF CHANNEL CONDITIONS
100 TO 400 FEET WIDE
(ER 1130-2-3165)**

PAGE 1 **OF** 2

DATE 23 March 2012

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:
New York and New Jersey Channels, Perth Amboy Anchorage and Secondary Channel, NJ – **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)			
Reach U Area No. 1 Irregular trapezoid bounded by Green Can #3, Yellow Can B and the Ward Point Bend West Reach	Map 1342, Sheet 1 of 2; 13 Jan 2012, 23, 24 & 27 Feb 2012	Irregular	154.2	37		29.1	
Reach U Area No. 2 Irregular trapezoid bounded by Yellow Can B, Yellow Can A, Green Lighted #55 Flood & Green Light #53 Flood	Map 1342, Sheet 1 of 2; 13 Jan 2012, 23, 24 & 27 Feb 2012	Irregular	52.4	25		21.4	
Reach U Area No. 3 Widening to Ward Point Bend East Reach	Map 1342, Sheet 1 of 2; 13 Jan 2012, 23, 24 & 27 Feb 2012	Irregular	1.7	35		39.3	
Reach U Area No. 4 Widening to Ward Point Bend West Reach	Map 1342, Sheet 1 of 2; 13 Jan 2012, 23, 24 & 27 Feb 2012	Irregular	8.1	35		31.8	

REMARKS:

- All depths are in reference to Mean Low Water (MLW)
- Channel area is in acres

Perth Amboy Anchorage

- **Reach U Area No. 1** (37 ft. project) – Shoaling occupies the entire Area No. 1 except for a portion approximately 29 acres along the northeast boundary with a length of 3,500 feet and a maximum width of 1,600 feet.
- **Reach U Area No. 2** (25 ft. project) – Shoaling exists for the entire southeast portion of Area No. 2. Minor small shoals exist in the mid portion of Area No. 2.
- **Reach U Area No. 3** (35 ft. project) – No shoaling exists in Area No. 3.
- **Reach U Area No. 4** (35 ft. project) – Shoaling exists for the entire Area No.4 except for a section approximately 2.9 acres at the northwest corner of Area No. 4.

**REPORT OF CHANNEL CONDITIONS
400 FEET WIDE OR GREATER
(ER 1130-2-306)**

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26 Federal Plaza, ATTN: CENAN-OP-ST
New York, NY 10278-0090

RIVER/HARBOR NAME AND STATE:
New York and New Jersey Channels, Perth Amboy Anchorage and Secondary Channel, NJ – **Secondary Channel**

**MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD**

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (nmiles)	DEPTH (feet)				
Reach T From junction with the Ward Point Bend East Reach at GREEN CAN #E to junction with the Perth Amboy Anchorage, 800 feet west of RED NUN #6.	Map 1342, Sheet 2 of 2; 13 Jan 2012, 23, 24 & 27 Feb 2012	400	0.83	30	18.3	18.6	18.7	18.7

REMARKS:

- All depths are in reference to Mean Low Water (MLW)
- Channel length in nautical miles

Secondary Channel:

- **Reach T** – Shoaling starts along the left outside quarter just south of GREEN CAN #1 and expands into the left inside quarter. A shoal in the right outside quarter starts at 200 feet south of GREEN and RED CAN #E and continues southward for 600 feet and re-emerges into the right outside/inside quarters at RED NUN #4 and widens to a full channel width shoal (in combination with the left outside/inside quarters shoal) at DAY MARKER "W" and continues westward for 2,200 feet (200 feet before the end of Reach T).