REQ. NO./FILE NO.: 5073/NZ/N3

NEW YORK & NEW JERSEY CHANNELS
PERTH AMBOY ANCHORAGE
CONDITION SURVEY

VH-101
SHEET 1 OF 1

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
GRAN-GOR-S

APPROVED: _____ J. MESELSKY, M. APPELO
CHIEF, SURVEY SECTION

APPROVED: _____ M. FORTE
CHIEF, TECHNICAL SECTION

APPROVED: _____ P. BHADURI
CHIEF, OPERATIONS DIVISION

APPROVED: _____ J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 11 JUNE 2021

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

DATES OF SURVEY:
3-4 JUNE 2021

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APP	BY	CHANGES
DWN		

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

LOCAL CONTROL DATA

BENCHMARK: AUD 10024
ELEVATION: 12.98' NAVD 1988

NSRS BENCHMARK

BENCHMARK: BS (KY0006)
ELEVATION: 63.49' NAVD 1988

PRODUCT SPECIFIC NOTES:

-THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
-THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
-MEAN LOWER LOW WATER IS 2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' X 3' MEDIAN CELL. SORTED TO A 45', INTERVAL.
-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BM FIRE".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

N 604,000
E 558,000
N 600,000
E 560,000
E 562,000
E 564,000
N 604,000
N 600,000
N 596,000
E 558,000
E 560,000
E 562,000
E 564,000
N 604,000
N 600,000
N 596,000

YELLOW CAN "A"
FLOOD
4 JUNE 2021

YELLOW CAN "B"
FLOOD
4 JUNE 2021

GREEN CAN #3
FLOOD
3 JUNE 2021

GREEN FIXED AID
W/ LIGHT
3 JUNE 2021

GREEN #5 W/LIGHT
FLOOD
4 JUNE 2021

GREEN-RED JUNCTION BUOY "B"
FLOOD
4 JUNE 2021

GREEN #5 W/LIGHT
FLOOD
4 JUNE 2021

(GRID NORTH)

CORPS OF ENGINEERS

U. S. ARMY