



DATE OF SURVEY:	02-02 FEBRUARY 2022
SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	DNAID-2021216
REG. NO./FILE NO.:	15139/AL/NS
DATE:	08 FEBRUARY 2022

APPROVED:	J. BERTOLINI
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DEPARTMENT OF THE ARMY
 CORPS OF ENGINEERS
 NEW YORK, NEW YORK 10278
 OPERATIONS DIVISION
 SURVEILLANCE SECTION
 CENAN-OP-5

NEWARK BAY - HACKENSACK & PASSAIC RIVERS
 NEW JERSEY
 SOUTH ELIZABETH CHANNEL
 CONDITION SURVEY

VH-101
 SHEET 1 OF 1

PROJECT 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 3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM IVER, 4.0.1.1.
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' X 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3 X 3 DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY DIGITAL GLOBE MAY 26 2020 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAY 2".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK	
BENCHMARK:	P 38 PID: KVO333
ELEVATION:	21.93' NAVD 1988
LOCAL CONTROL DATA	
BENCHMARK:	NBAY 2 PID: BBDR25
ELEVATION:	7.42' NAVD 1988