



US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	SC-EO
MP	SC

DATES OF SURVEY:  
2-3,6,9,10-12,16 DEC 2024

REG. NO./FILE NO.: 15522/D/N/A2

SCALE:  
ONE INCH = 100 FEET

FIELD BOOKS:  
DNA 10

APPROVED: P. KEARNS/J. MCKELVEY  
FIELD SUPERVISOR

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SURVEYOR

APPROVED: P. BHADUR  
CHIEF OF SURVEY SUPPORT SECTION

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CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 13 JANUARY 2025

DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT  
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION  
SURVEYS AND MAPPING BRANCH  
CENAN-OP-SS

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

VH-101  
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.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
- 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 (VER, 4.6.1).
- 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 NJGIN 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NBAY9".

NSRS BENCHMARK		LOCAL CONTROL DATA	
BENCHMARK: NBAY9	{PID: CM4262}	BENCHMARK: NBAY1	{PID: AHG274}
ELEVATION: 7.27'	{NAVD 1988}	ELEVATION: 7.27'	{NAVD 1988}

