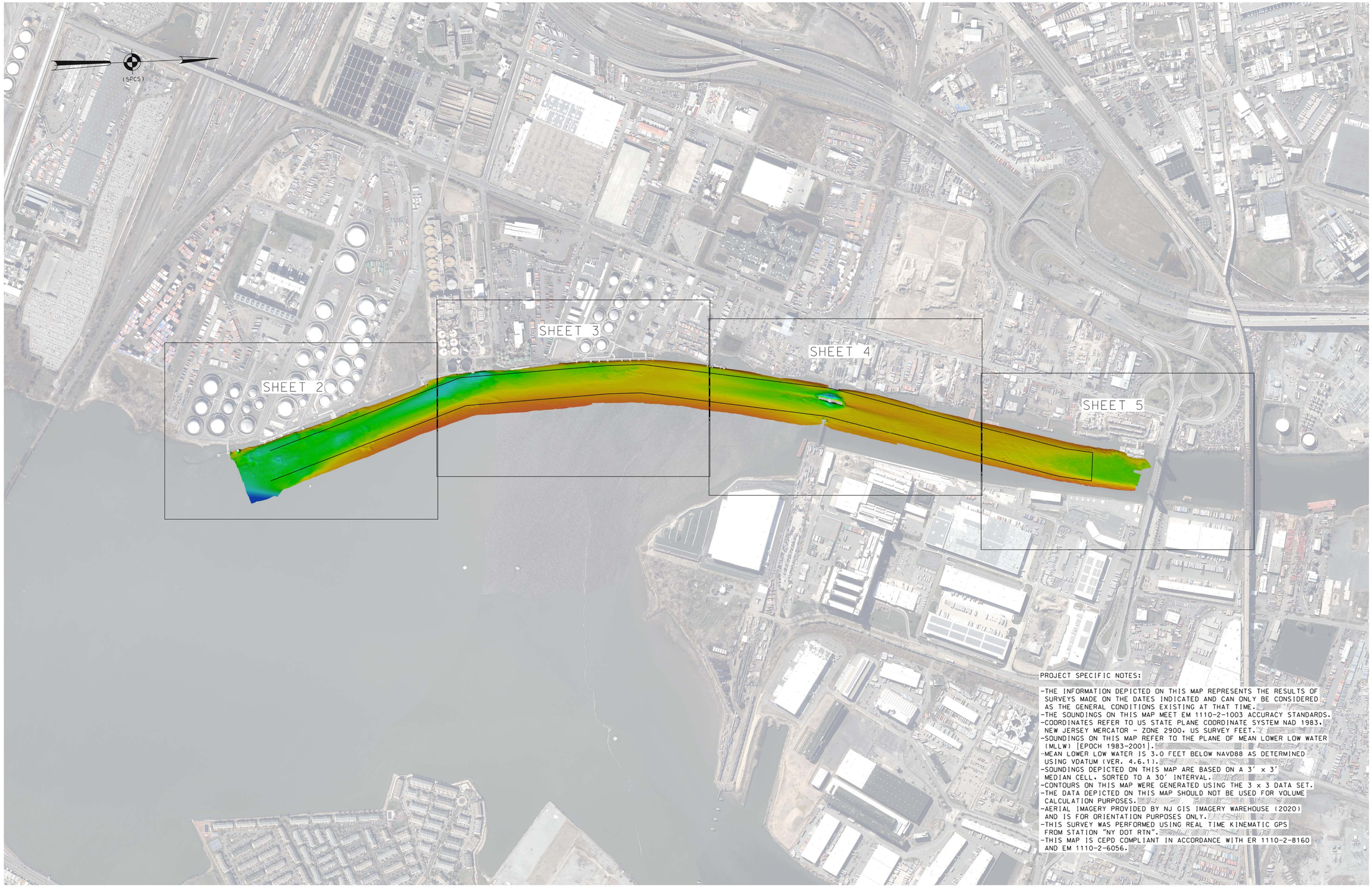


PROJECT SPECIFIC NOTES:

-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 (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 NJ GIS IMAGERY WAREHOUSE (2020) AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RTN".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

0 500' 1000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: HK 2 A USE (PID:KV0270)	BENCHMARK: W 16 (PID:KV0269)
ELEVATION: 39.15' (NAVD 1988)	ELEVATION: 17.00' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS:EO
WP	JDS

DATES OF SURVEY:
25-26-27 NOVEMBER 2024

REQ. NO./FILE NO.: 5512/N1/AL

SCALE:
ONE INCH = 500 FEET

FIELD BOOKS:
N/A

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH
DATE: 09 DECEMBER 2024

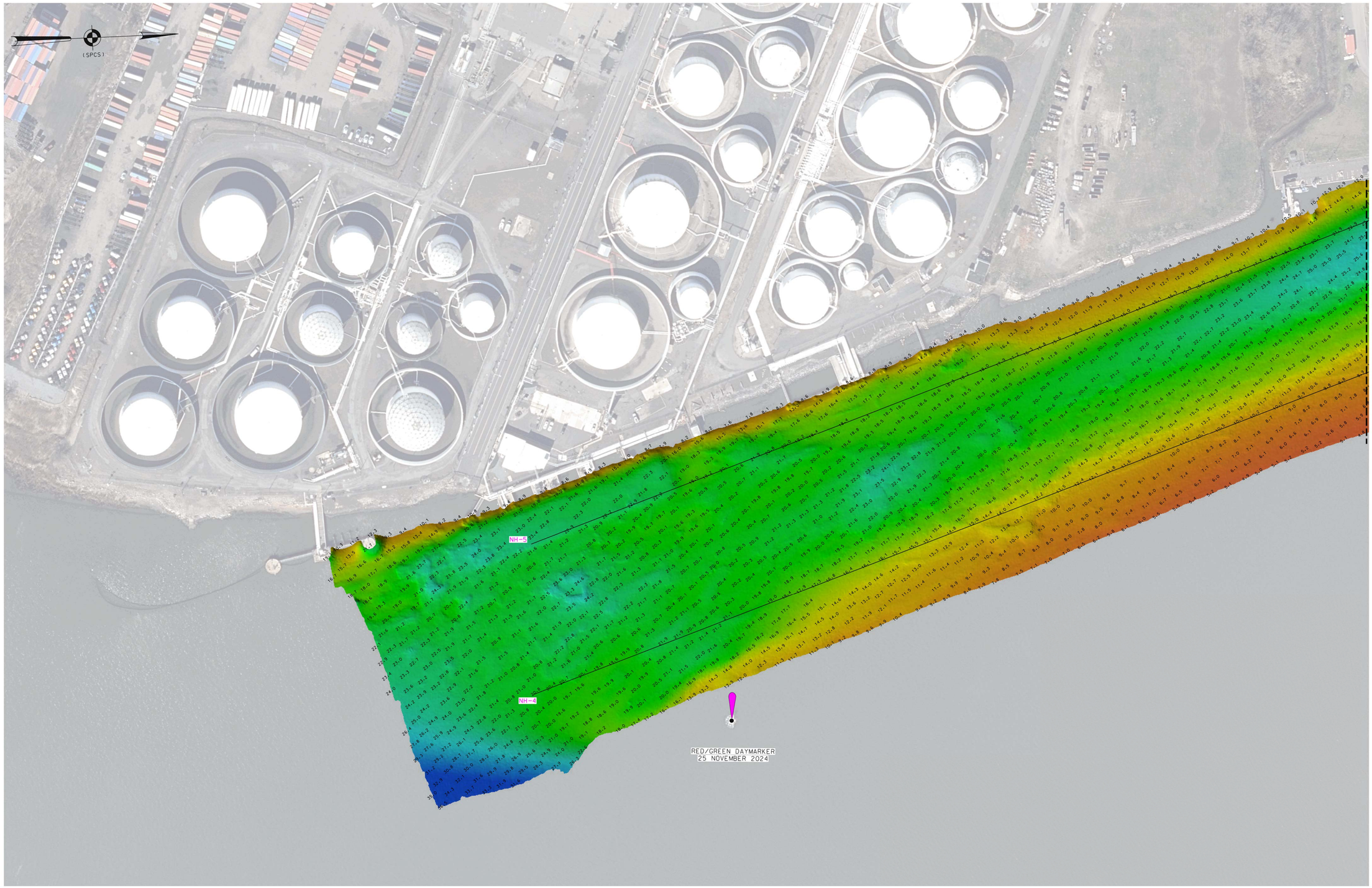
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK, & PASSAIC RIVER NJ
PASSAIC RIVER
CONDITION SURVEY

VH-101

1 OF 5



0 100' 200'

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JOS/EO	
WP	JOS	

DATES OF SURVEY:
25-26-27 NOVEMBER 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5512/N1/AL

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 09 DECEMBER 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK, & PASSAIC RIVER NJ
PASSAIC RIVER
CONDITION SURVEY

VH-102

2 OF 5

(SPCS)

P2
P3
P4
S2
S3
S4

RED #2 W/LIGHT
FLOOD
25 NOVEMBER 2024

RED NUN #4
FLOOD
26 NOVEMBER 2024

30' PROJECT DEPTH LIMIT

20' PROJECT DEPTH LIMIT

MATCH TO SHEET 2

MATCH TO SHEET 4

0 100' 200'

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS:EO
WP	JDS

DATES OF SURVEY:
25-26-27 NOVEMBER 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

REG. NO./FILE NO.: 5512/N1/AL

APPROVED:	J. MCKELVEY	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MIKE ARCHER	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	09 DECEMBER 2024	

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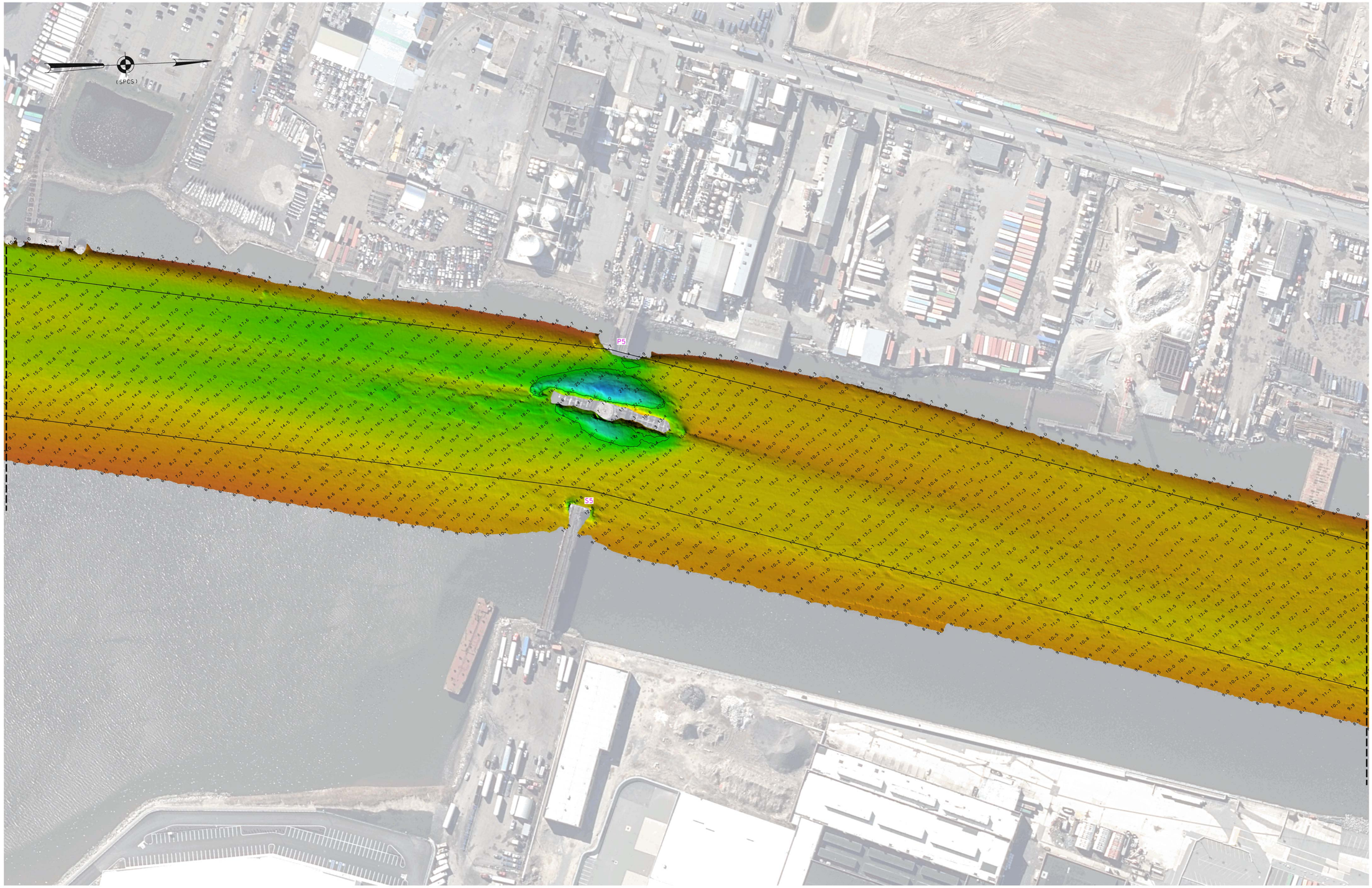
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK, & PASSAIC RIVER NJ
PASSAIC RIVER
CONDITION SURVEY

VH-103

3 OF 5



* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	JDS.EO
MP	JDS

DATES OF SURVEY: 25.26.27 NOVEMBER 2024

REQ. NO./FILE NO.: 5512/N1/AL

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: N/A

APPROVED: J. MCKELVEY — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 09 DECEMBER 2024

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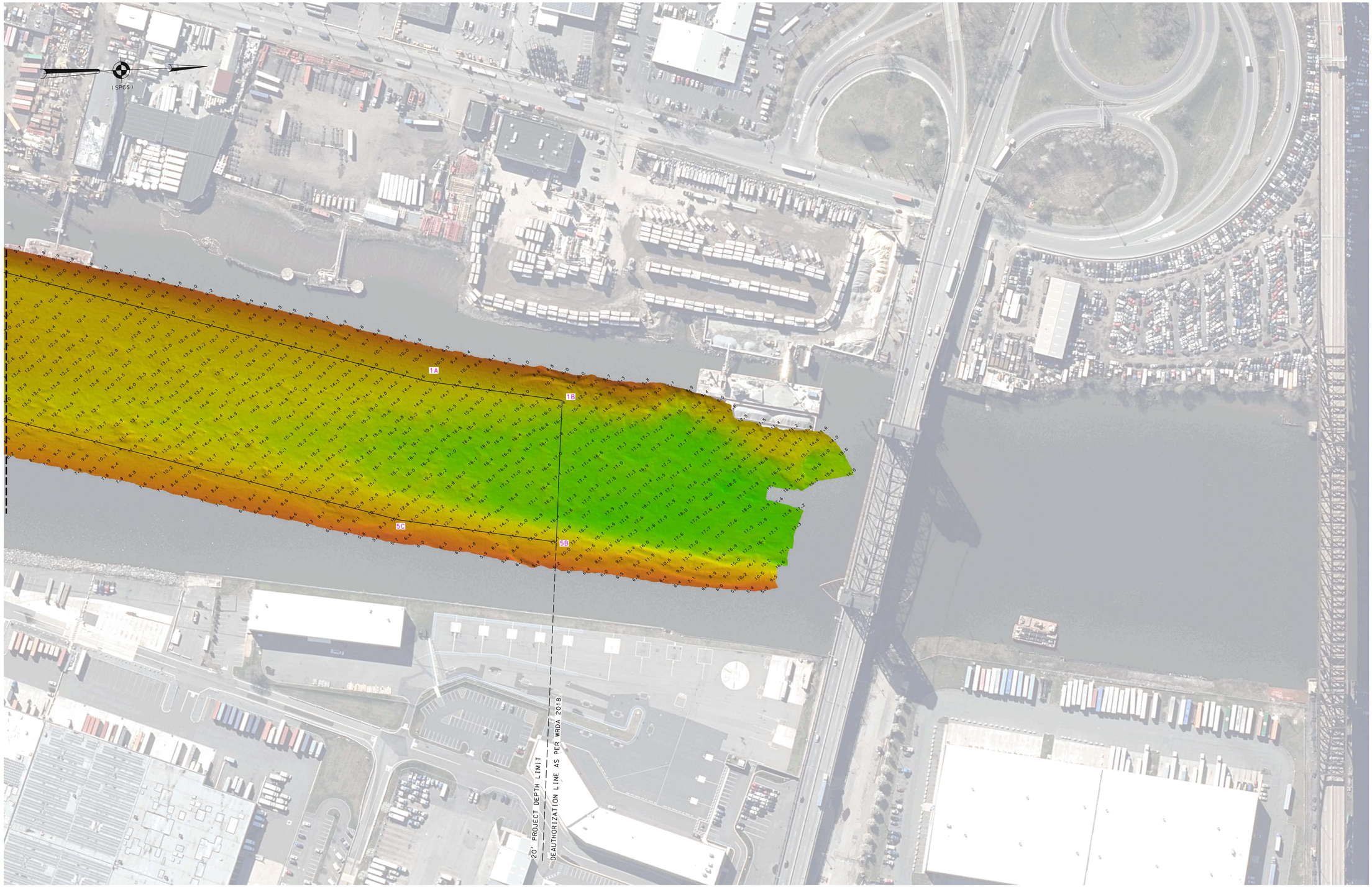
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK, & PASSAIC RIVER NJ
PASSAIC RIVER

CONDITION SURVEY

VH-104

4 OF 5



* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS:EO
WP	JDS

DATES OF SURVEY:
25-26-27 NOVEMBER 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

REG. NO./FILE NO.: 5512/N1/AL

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
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NEWARK BAY, HACKENSACK & PASSAIC RIVER NJ
PASSAIC RIVER
CONDITION SURVEY

VH-105

5 OF 5