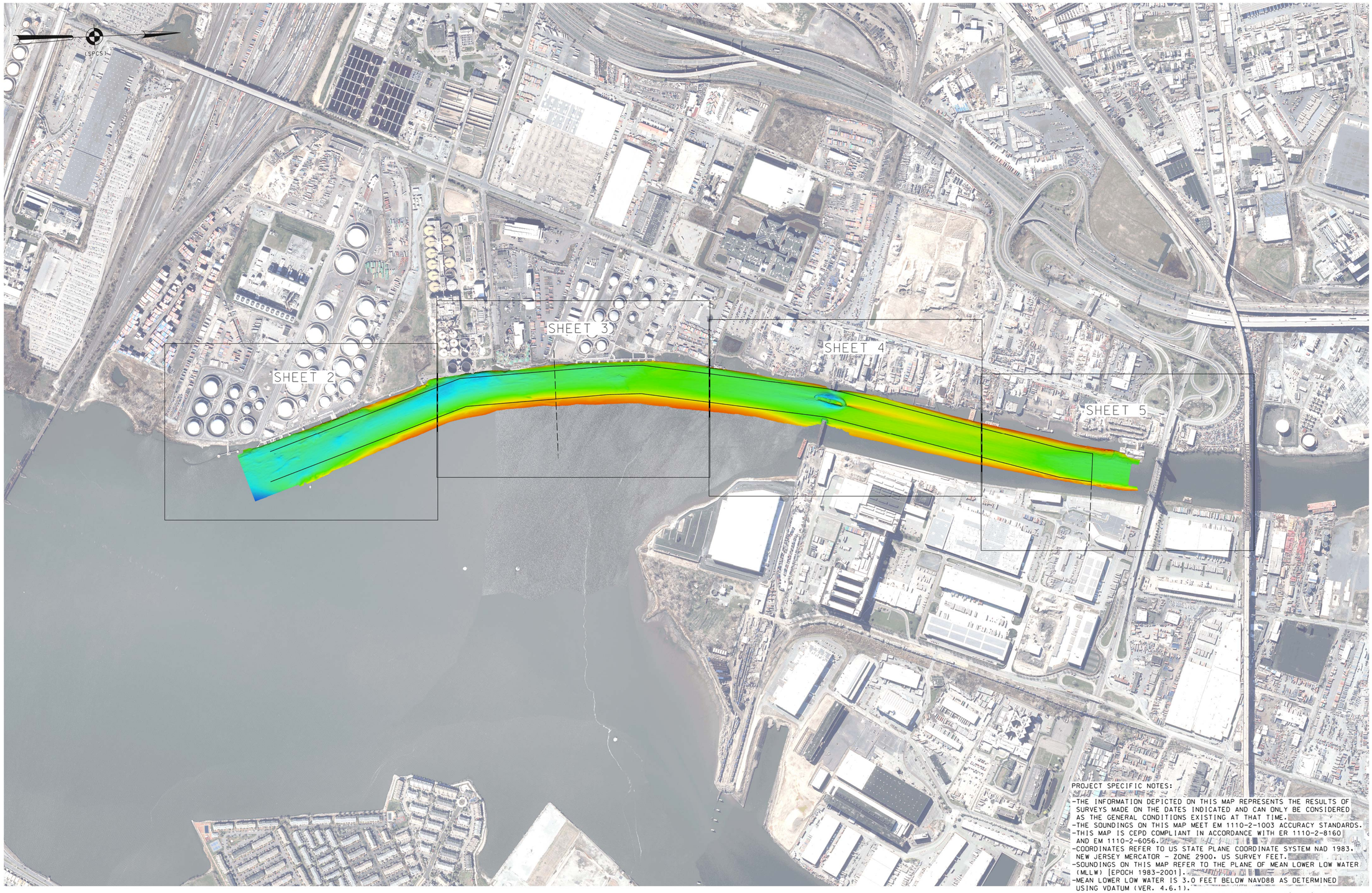


0 500' 1000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: HK 2 A USE (PID:KV0270)	BENCHMARK: W 16 1934 (PID:KV0269)
ELEVATION: 39.15' (NAVD 1988)	ELEVATION: 17.00' (NAVD 1988)

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 GIS NEW JERSEY IMAGERY WAREHOUSE AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NYDOT".

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CWF. FA	
MP	CWF	

DATES OF SURVEY:
11-12 DECEMBER 2023

SCALE:
ONE INCH = 500 FEET

FIELD BOOKS:
1024

REQ. NO./FILE NO.: 5385/N1

APPROVED: J. MCKELVEY
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: M. MRAZ
DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 20 DECEMBER 2023

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

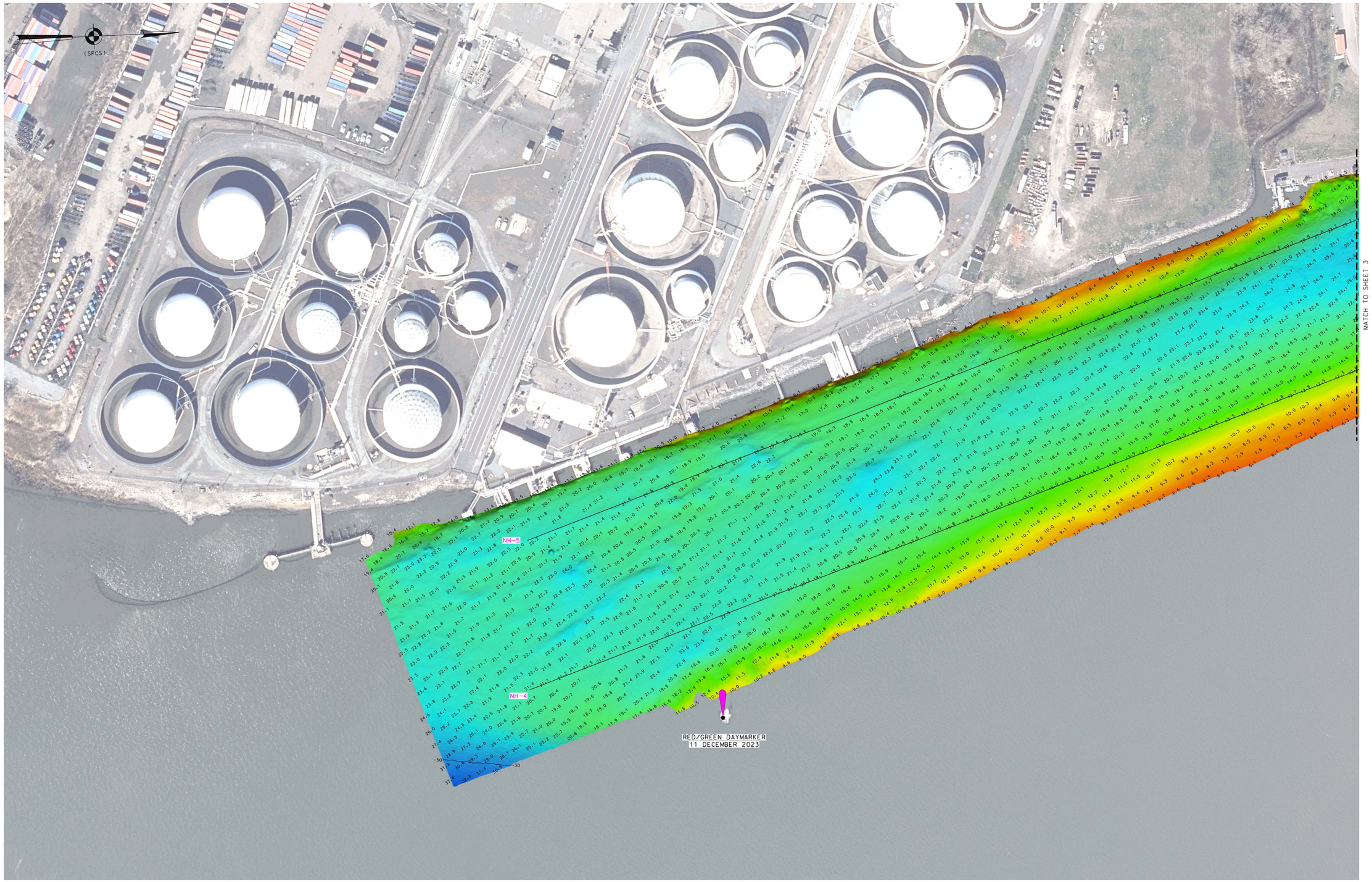
NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-101

1 OF 5



0 100' 200'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CWF	FA
MP	CWF	

DATES OF SURVEY:
11-12 DECEMBER 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1024

REQ. NO./FILE NO.: 5385/N1

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FIELD CARTOGRAPHER

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APPROVED: MIRAZ
DEPUTY CHIEF SURVEYS AND MAPPING BRANCH

DATE: 20 DECEMBER 2023

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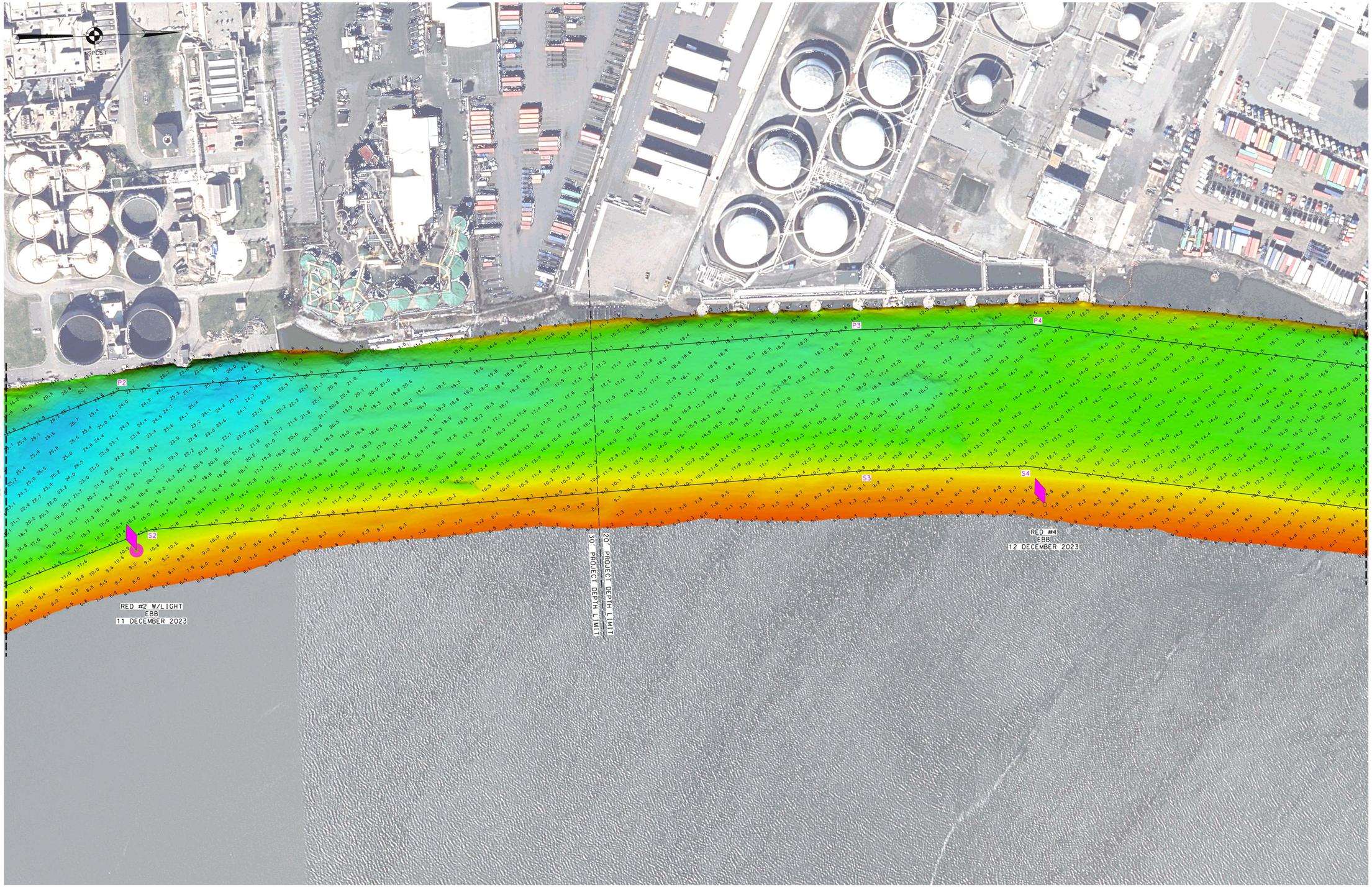
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.
PASSAIC RIVER

CONDITION SURVEY

VH-102

2 OF 5



*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CWF. FA	
MP	CWF	

DATES OF SURVEY:
11-12 DECEMBER 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1024

REQ. NO./FILE NO.: 15385/N1

APPROVED: J. MCKELVEY
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 DECEMBER 2023

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

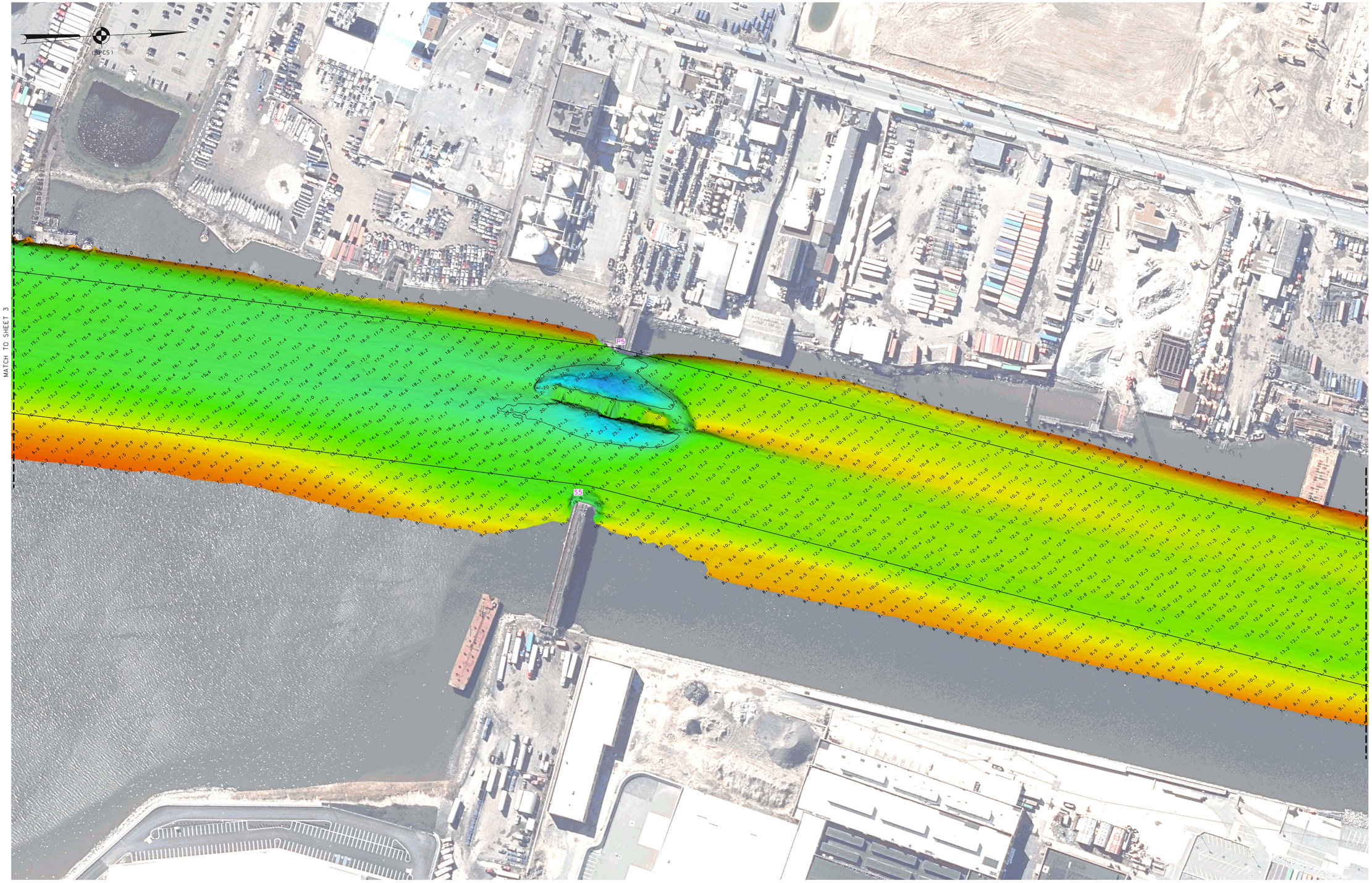
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.
PASSAIC RIVER

CONDITION SURVEY

VH-103

3 OF 5



0 100' 200'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CWF	FA
MP	CWF	

DATES OF SURVEY:
11-12 DECEMBER 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1024

REQ. NO./FILE NO.: 5385/N1

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CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 20 DECEMBER 2023

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NEW YORK, NEW YORK 10278

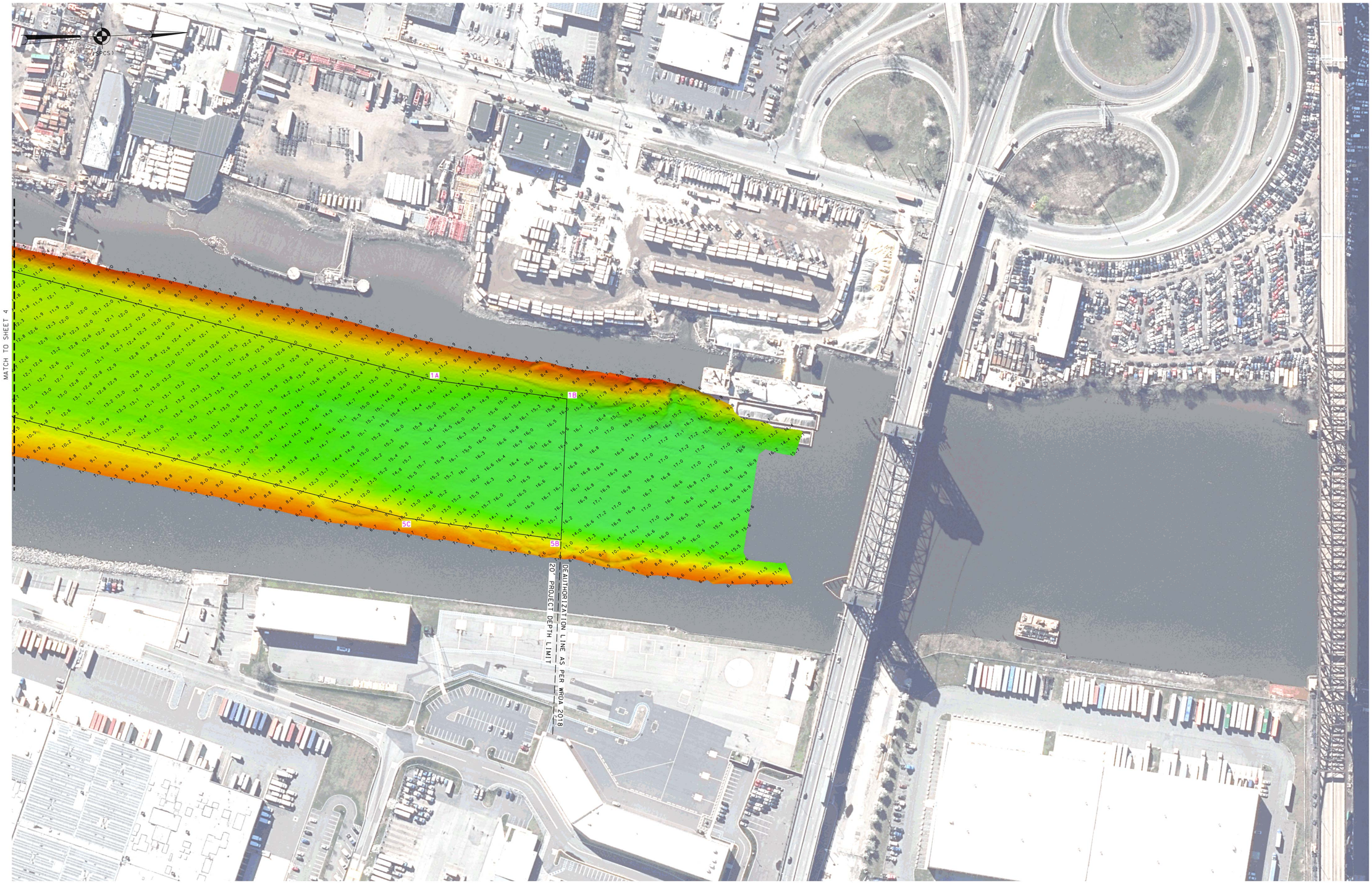
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.
PASSAIC RIVER

CONDITION SURVEY

VH-104

4 OF 5



0 100' 200'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CWF	FA
MP	CWF	

DATES OF SURVEY:
11-12 DECEMBER 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1024

REQ. NO./FILE NO.: 5385/N1

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DEPUTY CHIEF SURVEYS AND MAPPING BRANCH

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CENAN-OP-SS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.
PASSAIC RIVER

CONDITION SURVEY

VH-105

5 OF 5