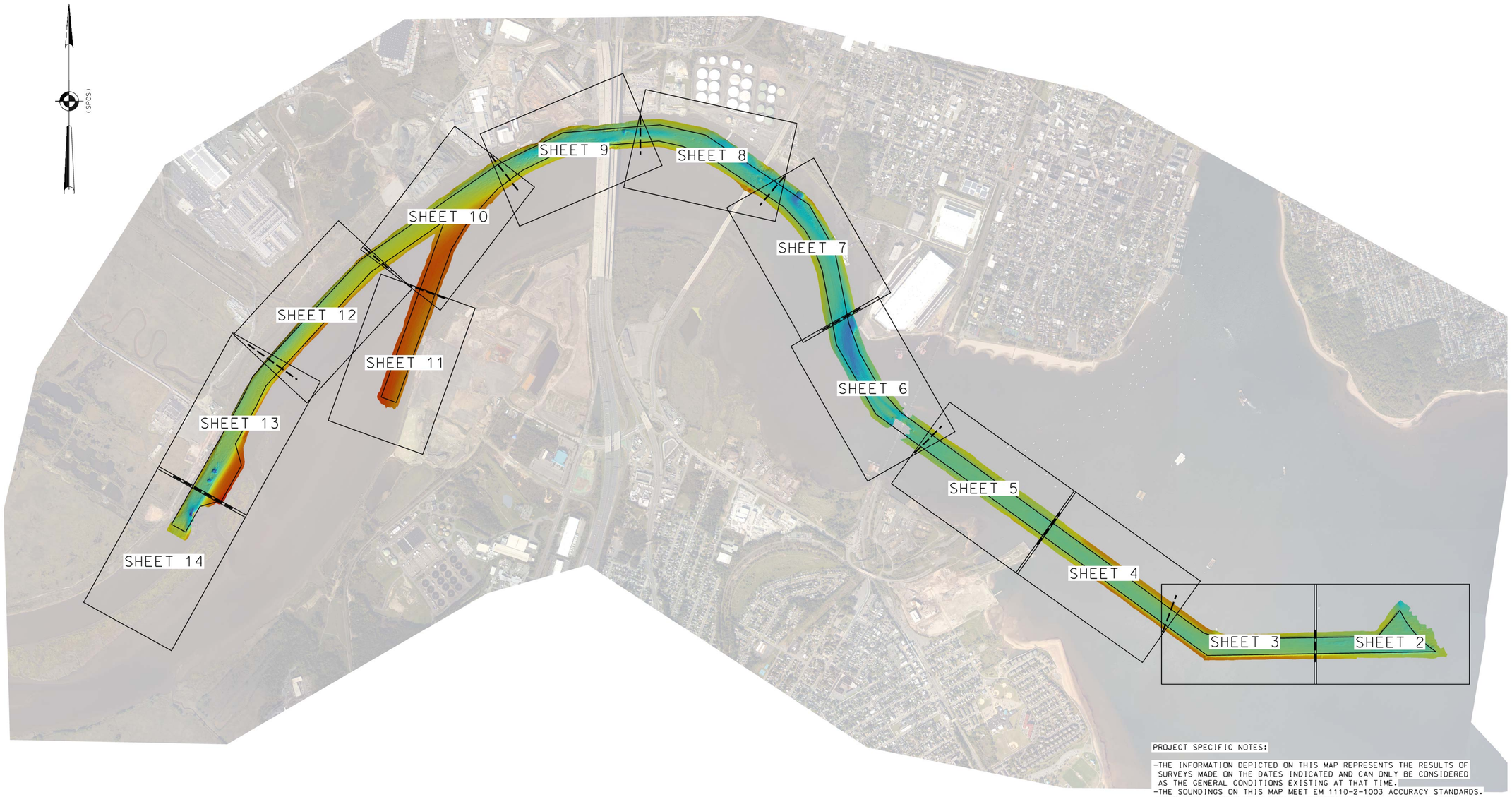


PROJECT SPECIFIC NOTES:

- 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 - 3.1 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 NEW JERSEY IMAGERY WAREHOUSE 2020 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK FIRE" & "NYDOT".

0 1000' 2000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BAZAARO HESS	BENCHMARK: B 5 (PID:KN0006)
ELEVATION: 8.55' (NAVD 1988)	ELEVATION: 63.49' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
VP	CM	

DATES OF SURVEY:
2-13 NOVEMBER 2023
11 DECEMBER 2023
8, 11 JANUARY 2024

SCALE: ONE INCH = 1000 FEET

FIELD BOOKS: 1028-1046

REQ. NO./FILE NO.: 15373/D/N1/143

APPROVED: J. BERTOLOTTI, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MICAZ, DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 18 JANUARY 2024

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

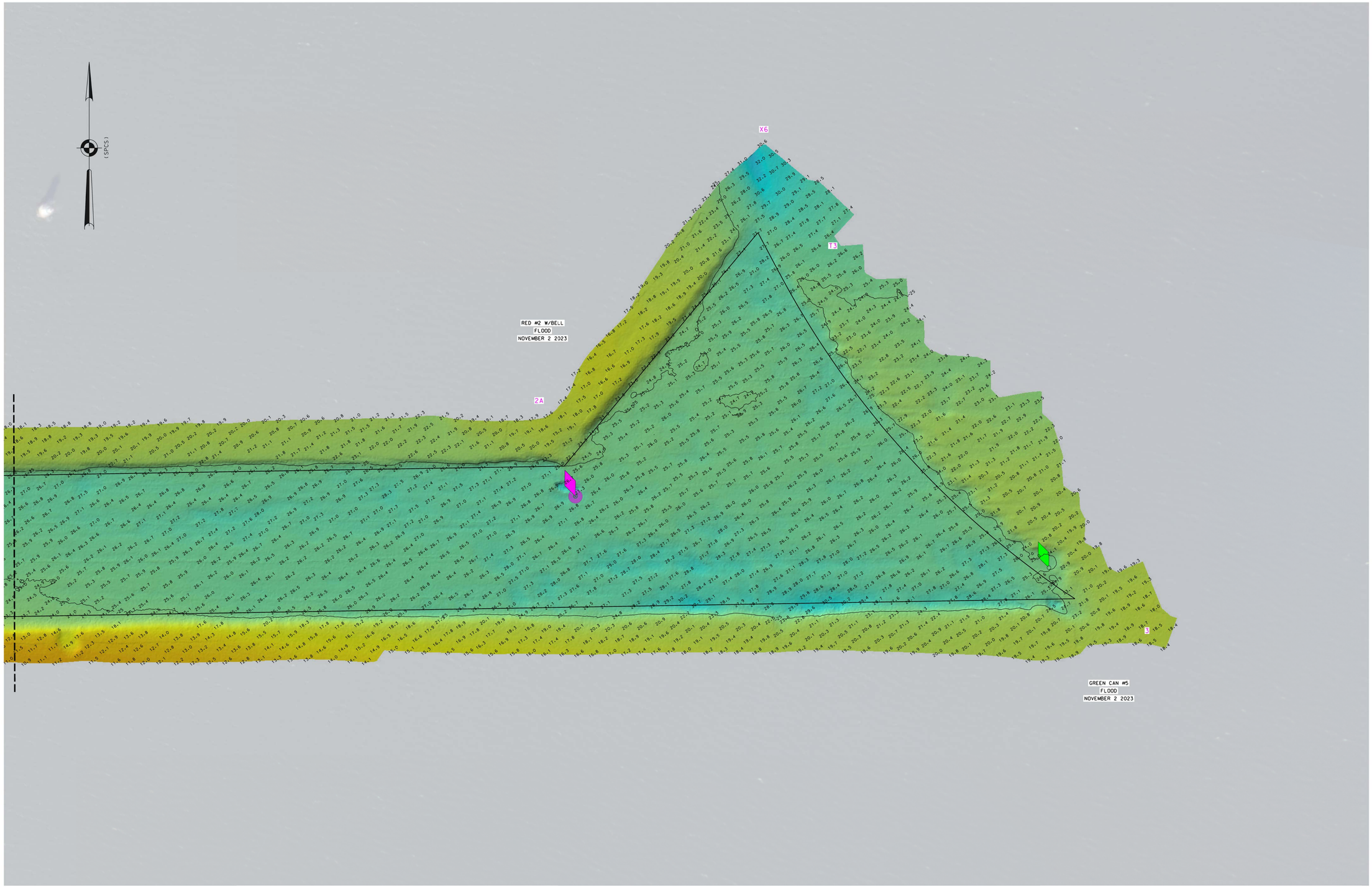
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-101

1 OF 14



0 100' 200'

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

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM-ED	
MP	CM	

DATES OF SURVEY:
2,13 NOVEMBER 2023
11 DECEMBER 2023
8, 11 JANUARY 2024

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1028:1046

REQ. NO./FILE NO.: 5373/0/N1/N3

APPROVED: J. BERTOLOTTI, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE AZ, DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-102

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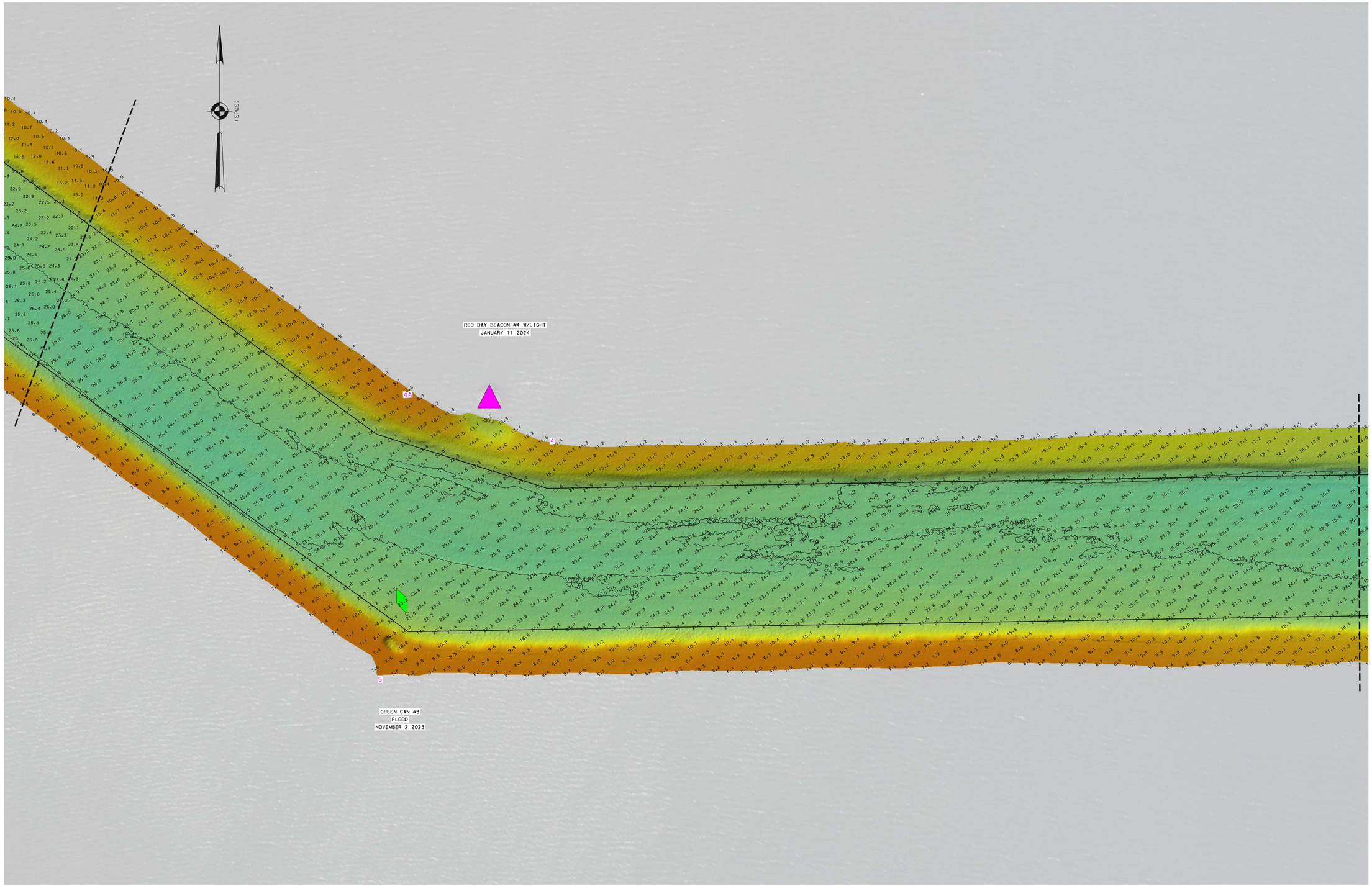

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

		PR	CF-CM-ED
		WP	CM

DATES OF SURVEY:
2-13 NOVEMBER 2023
11 DECEMBER 2023
8, 11 JANUARY 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1028-1046

REQ. NO./FILE NO.: 5373/0/N1/N3

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MEAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 18 JANUARY 2024

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-103

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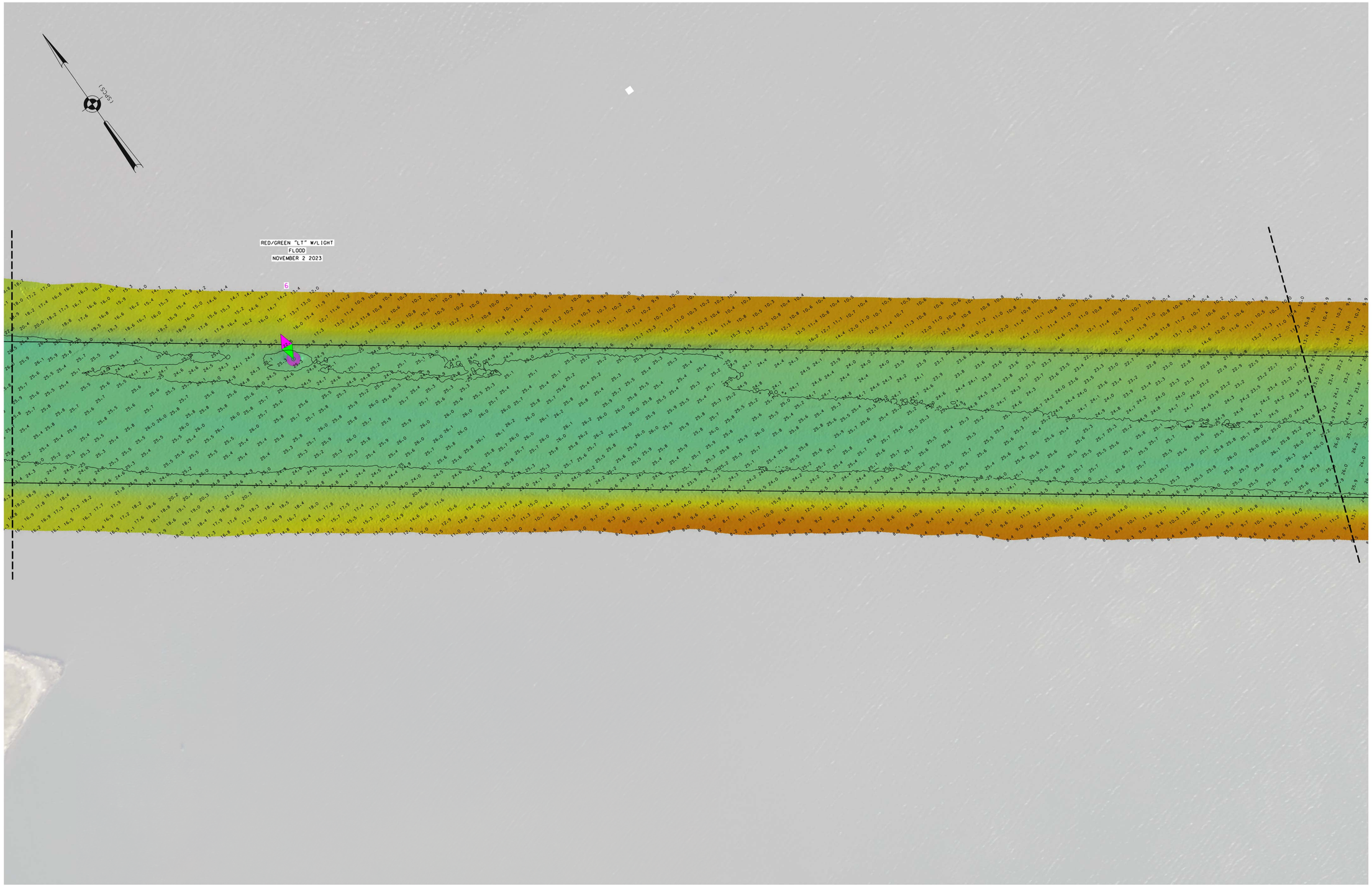

0 100' 200'

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM=ED
MP	CM

DATES OF SURVEY:
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11 DECEMBER 2023
8, 11 JANUARY 2024

REQ. NO./FILE NO.: 5373/0/N1/N3

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1028-1046

APPROVED: J. BERTOLOTTI, 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: 18 JANUARY 2024

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U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
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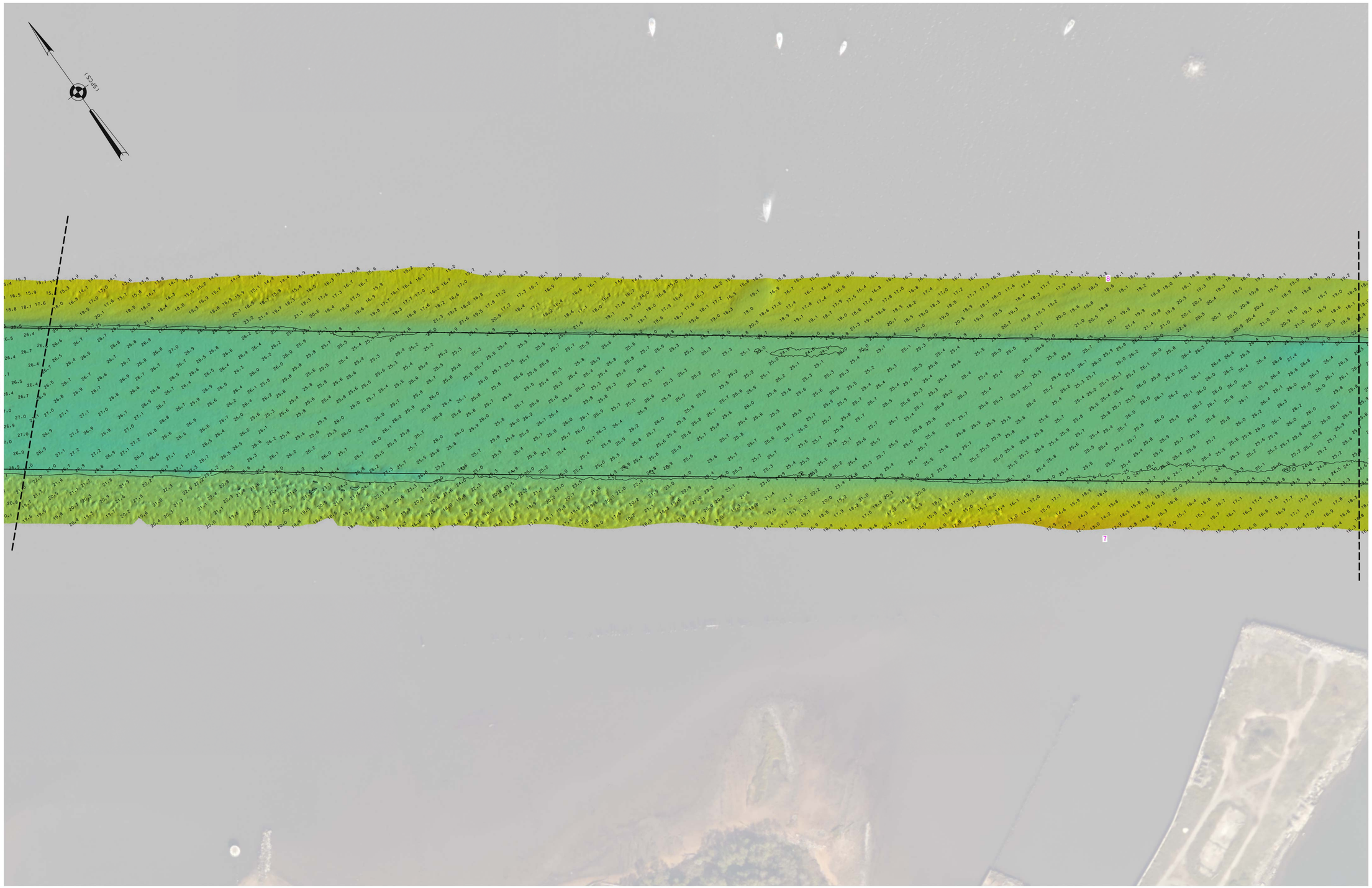
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-104



0 100' 200'

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US ARMY CORPS
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NEW YORK DISTRICT

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MP	CM	

DATES OF SURVEY:
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11 DECEMBER 2023
8, 11 JANUARY 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1028-1046

REQ. NO./FILE NO.: 5373/0/N1/N3

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 18 JANUARY 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

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-105

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0 100' 200'

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM=ED	
MP	CM	

DATES OF SURVEY:
2.13 NOVEMBER 2023
11 DECEMBER 2023
8. 11 JANUARY 2024

REQ. NO./FILE NO.: 5373/0/N1/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1028:1046

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 18 JANUARY 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

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-106

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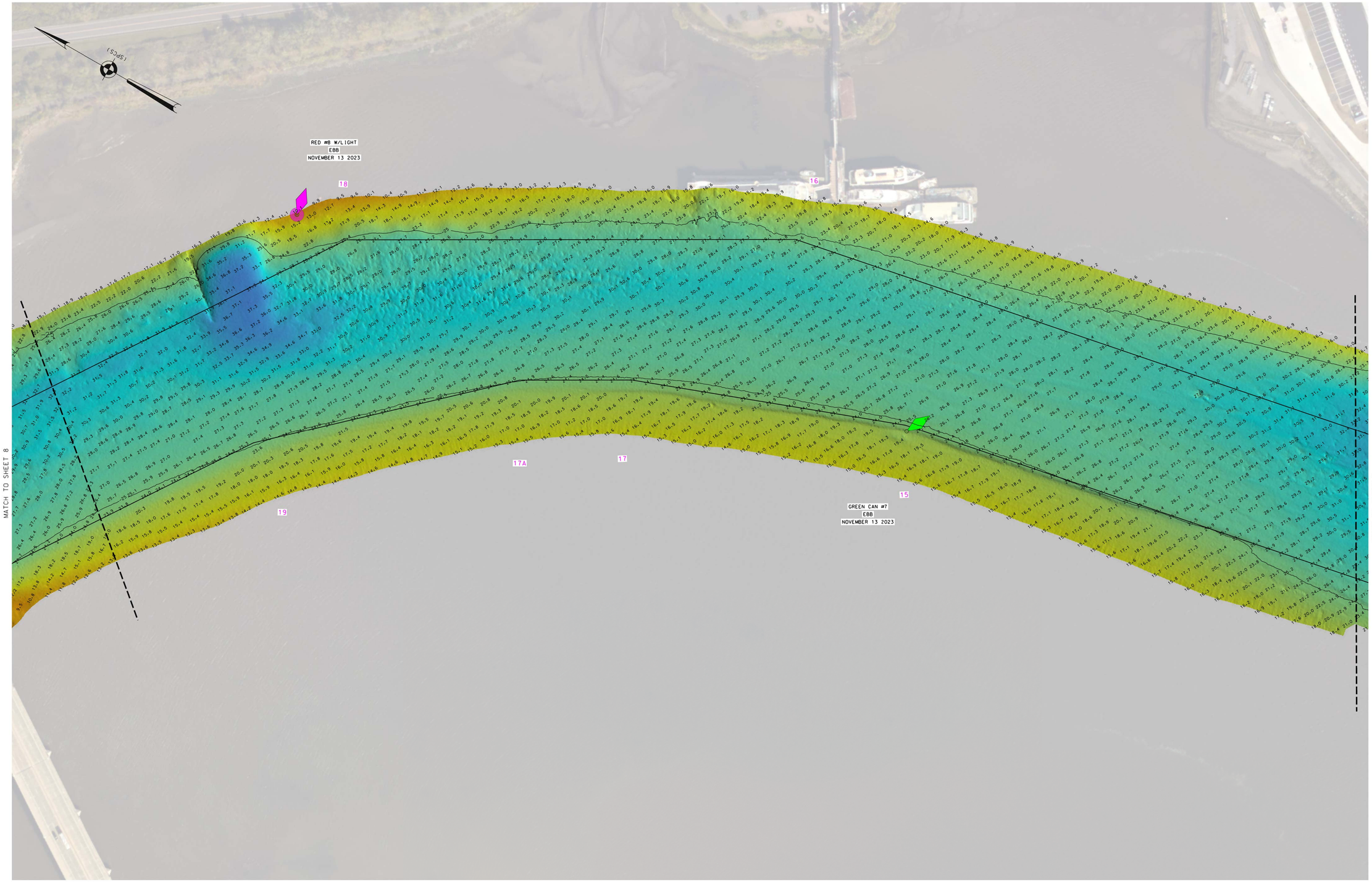

0 100' 200'

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM-ED	
MP	CM	

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8, 11 JANUARY 2024

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 1028-1046

REQ. NO./FILE NO.: 5373/0/N1/N3

APPROVED: J. BERTOLOTTI, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-107

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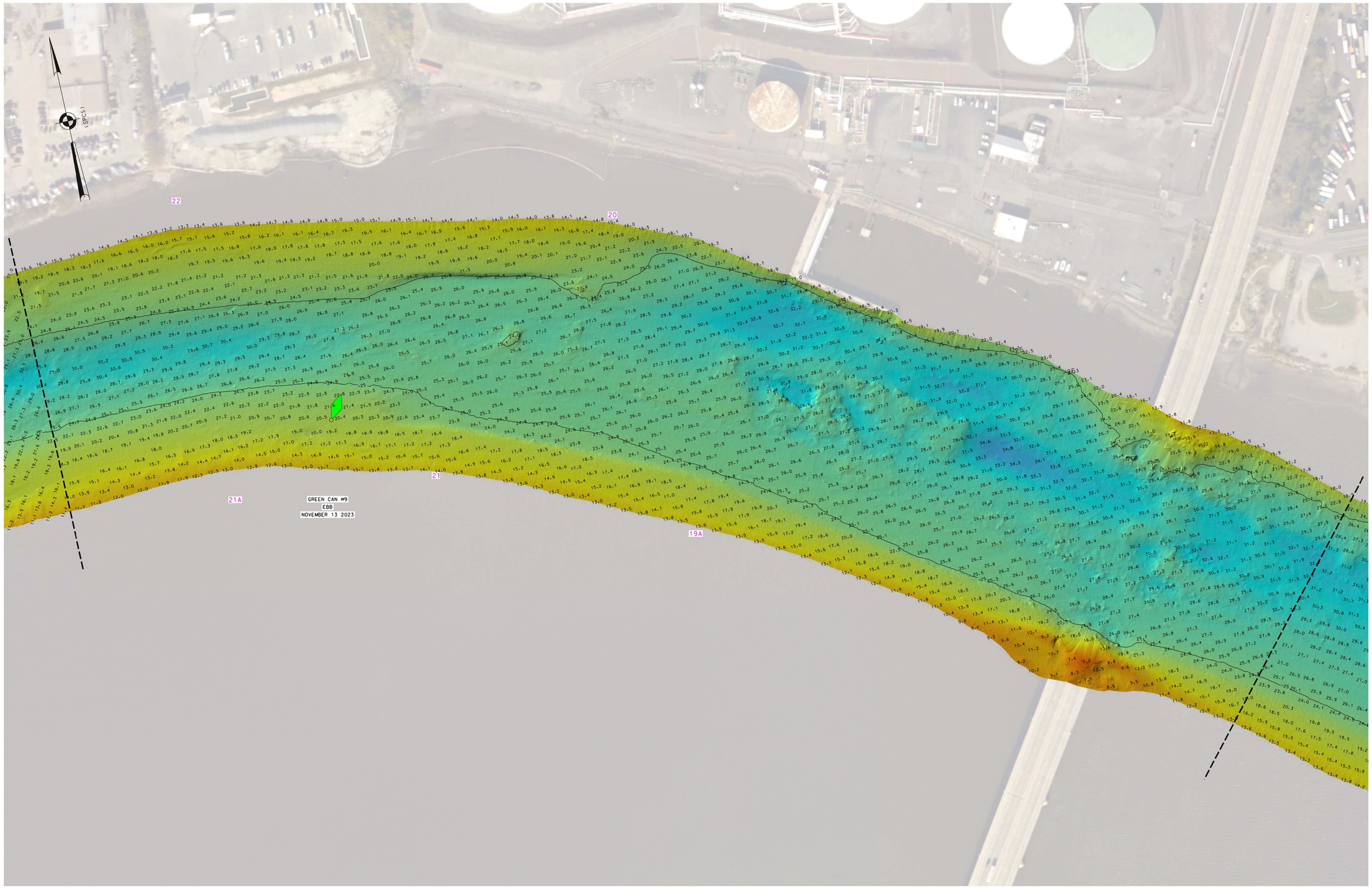

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM-ED	
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SCALE:
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FIELD BOOKS:
1028-1046

APPROVED: J. BERTOLOTTI
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: 18 JANUARY 2024

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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-108

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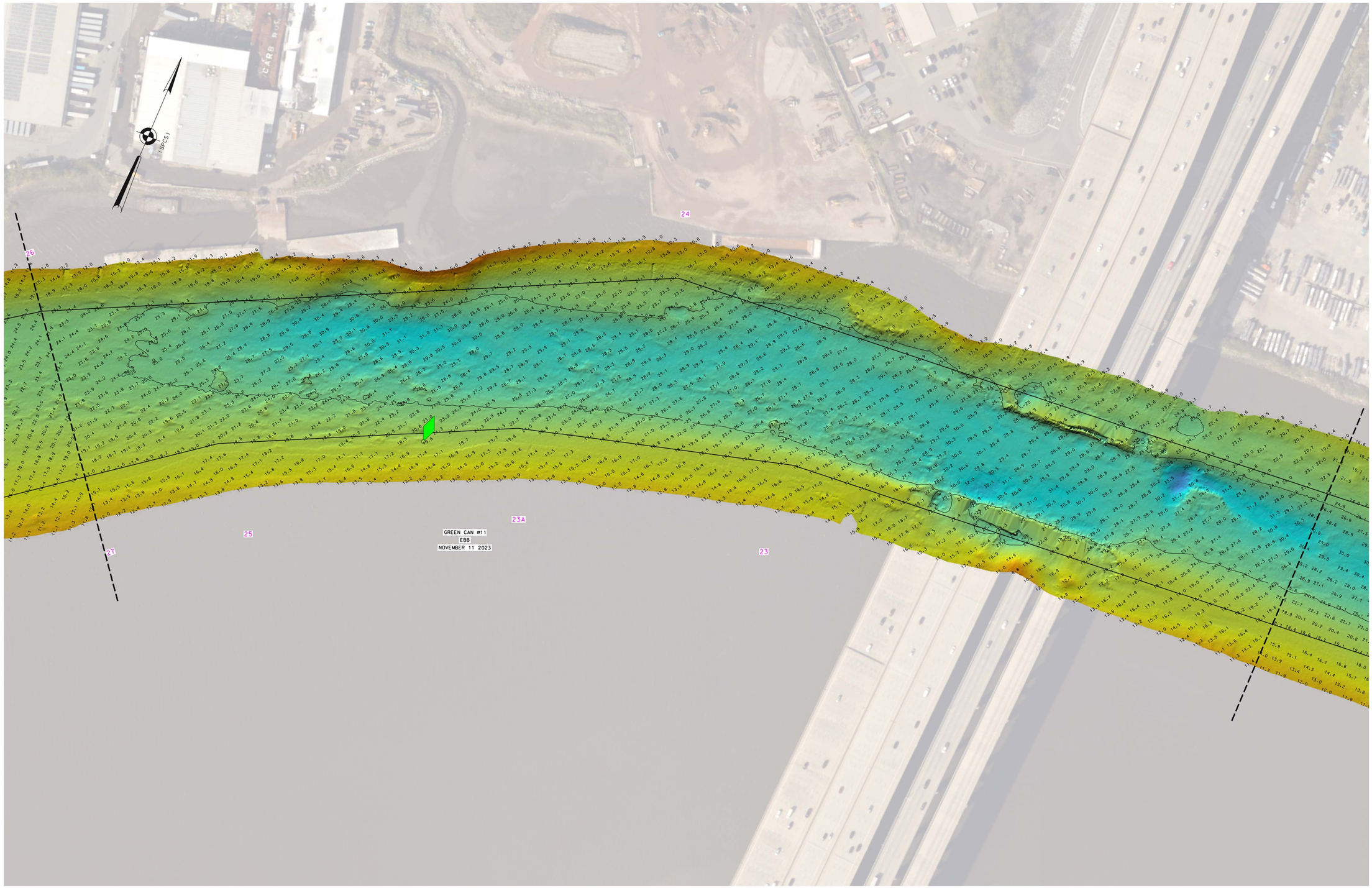

0 100' 200'

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

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DEPARTMENT OF THE ARMY
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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-109

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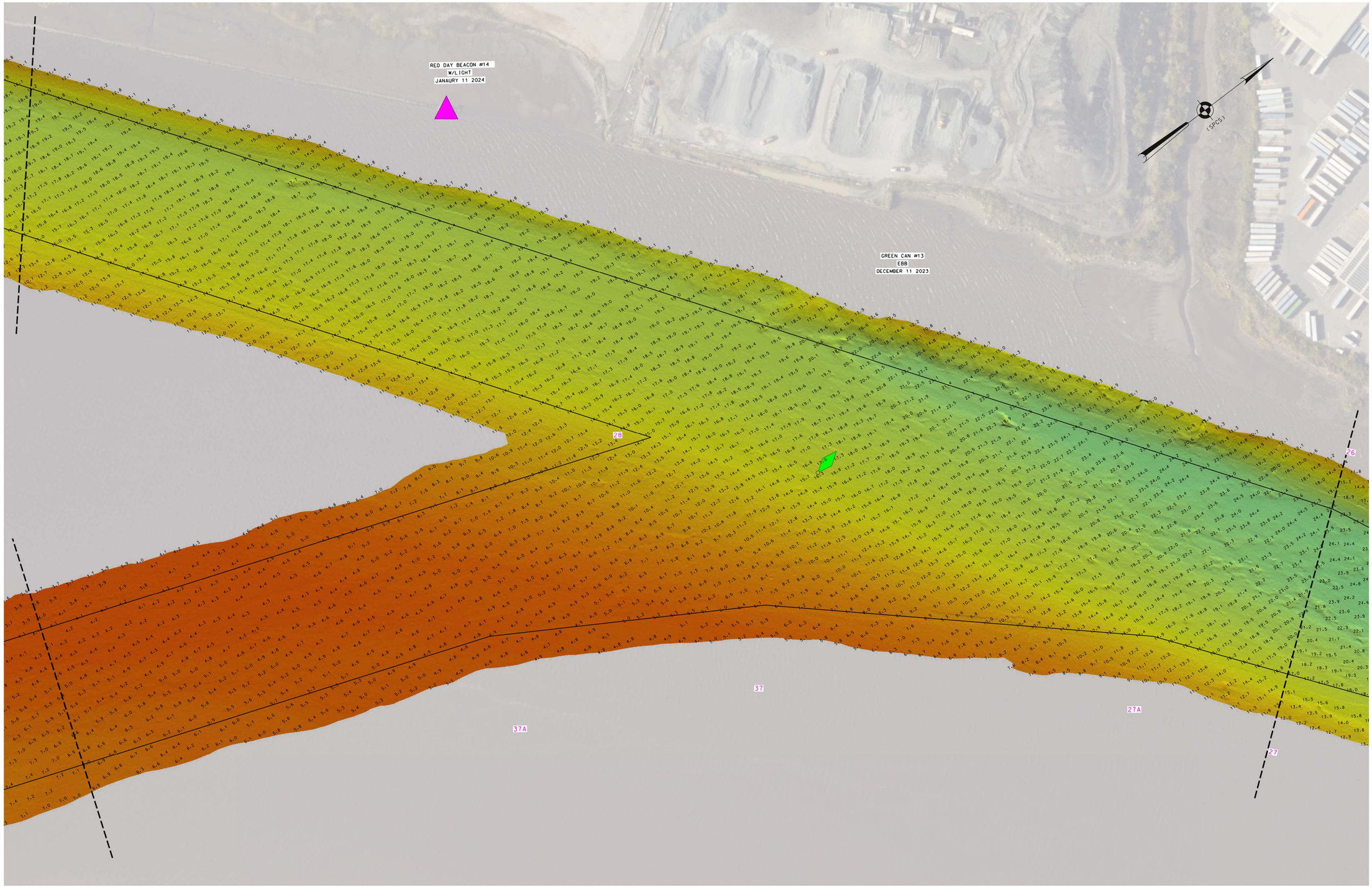

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CF-CM-ED	
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DATES OF SURVEY:
2-13 NOVEMBER 2023
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ONE INCH = 100 FEET

FIELD BOOKS:
1028-1046

APPROVED: J. BERTOLOTTI
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APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 18 JANUARY 2024

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

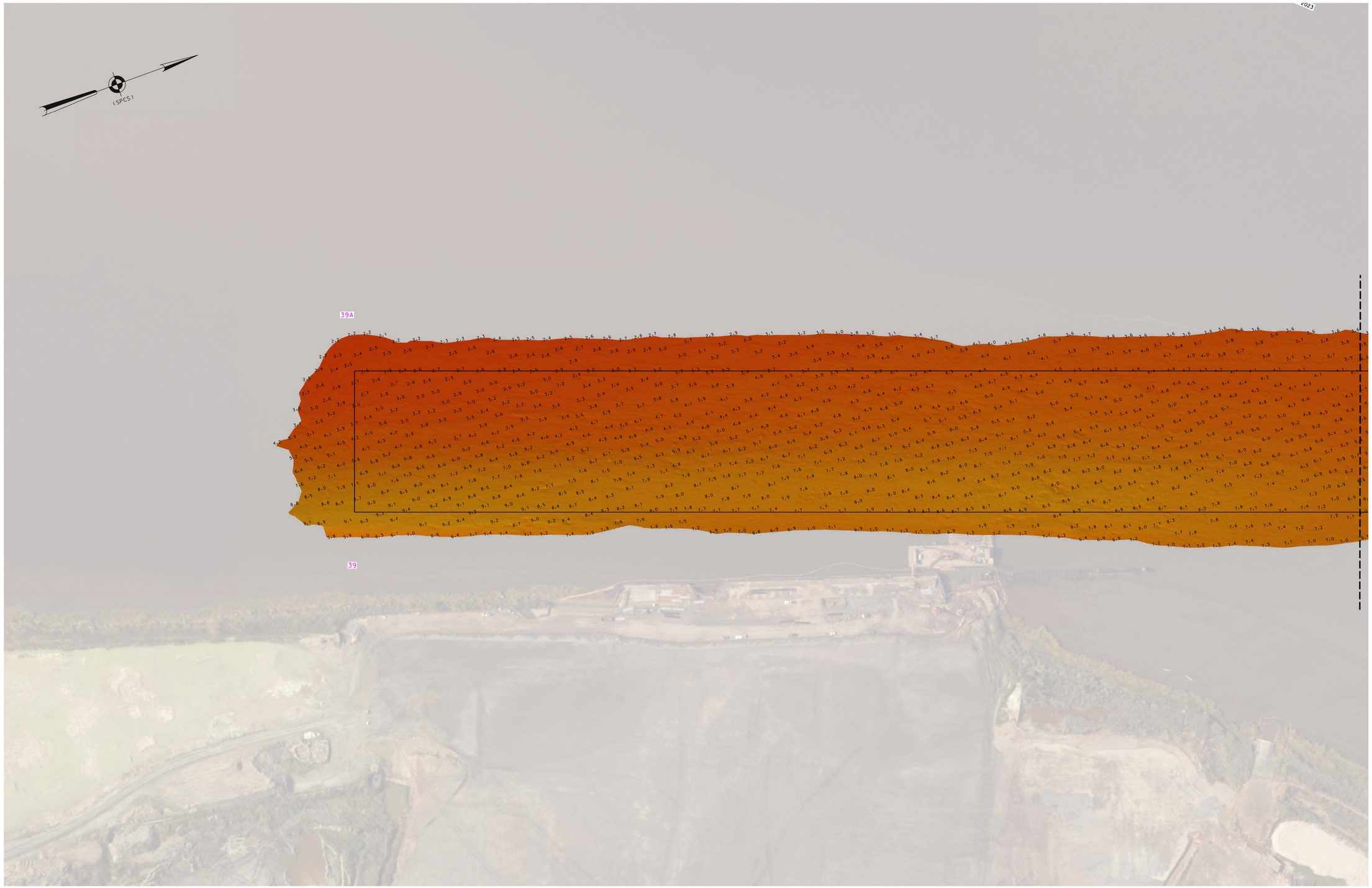
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-110

10 OF 14



0 100' 200'

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

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SCALE:
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FIELD BOOKS:
1028-1046

APPROVED: J. BERTOLOTTI
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APPROVED: P. BHADUR
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APPROVED: MRAZ
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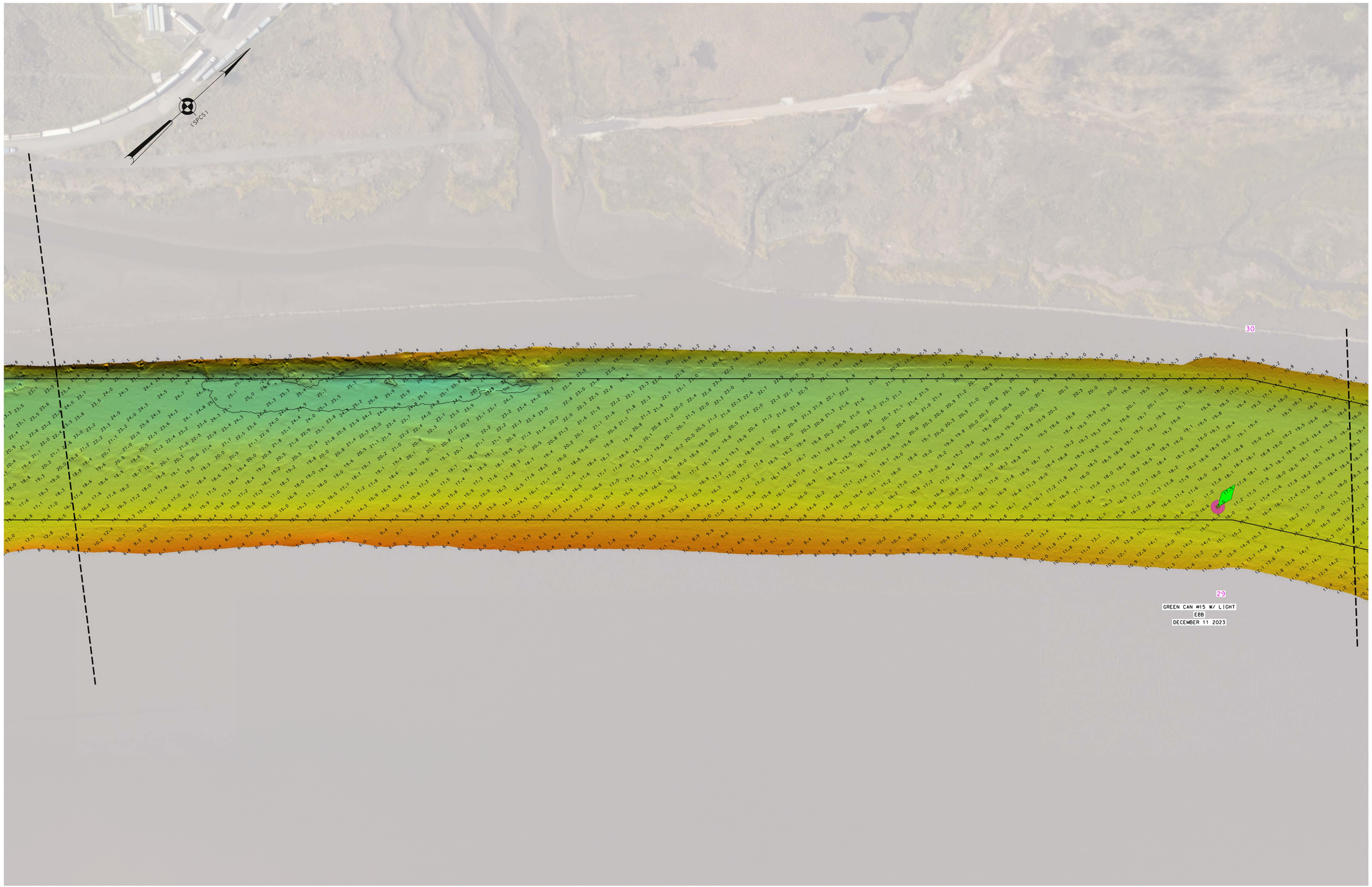
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-111



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US ARMY CORPS
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MP	CM		

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DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
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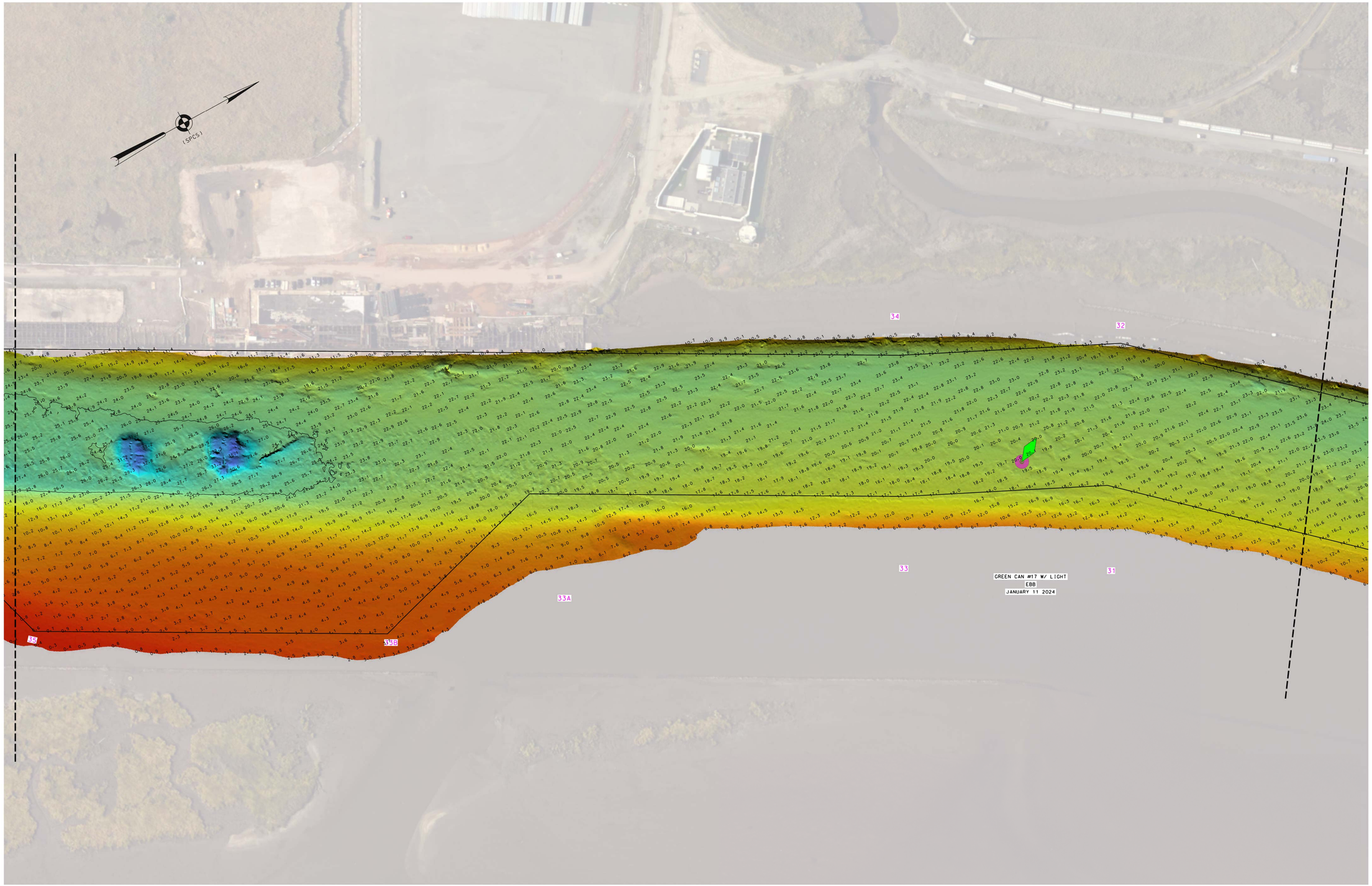
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-112

12 OF 14



0 100' 200'

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APPROVED: MRAZ
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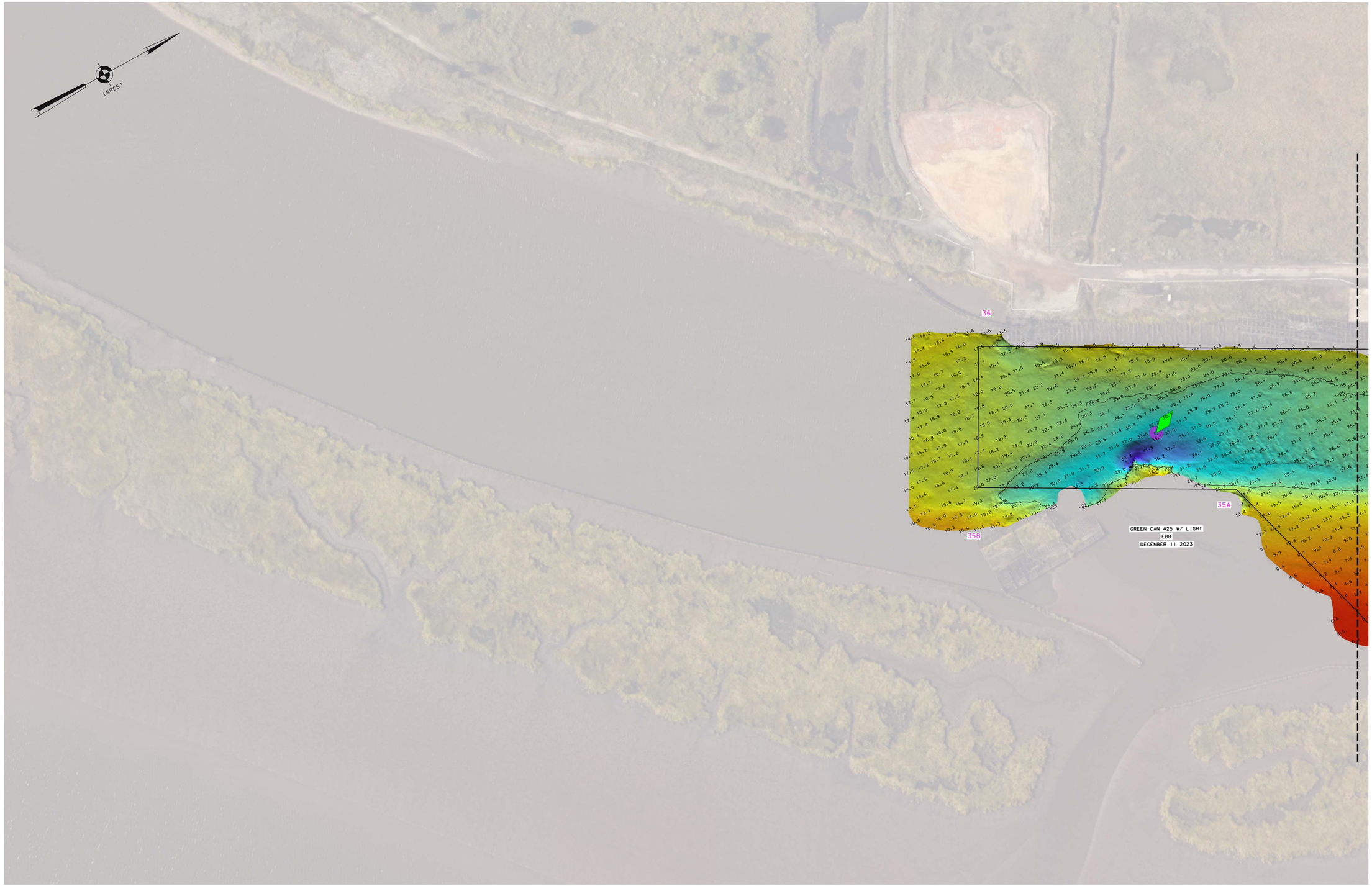
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-113

13 OF 14



0 100' 200'

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US ARMY CORPS
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SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

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