

NEW JERSEY



STATEN ISLAND, NEW YORK

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 3.0-3.3 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 WAREHOUSE (2020) AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT, BM VETERAN RESET 2020, NYDOT".

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

0 2000' 4000'

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	EQ-RR
		VP	RR

DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE: ONE INCH = 2000 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5434-10/N1/43

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRADAUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MEZ, DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

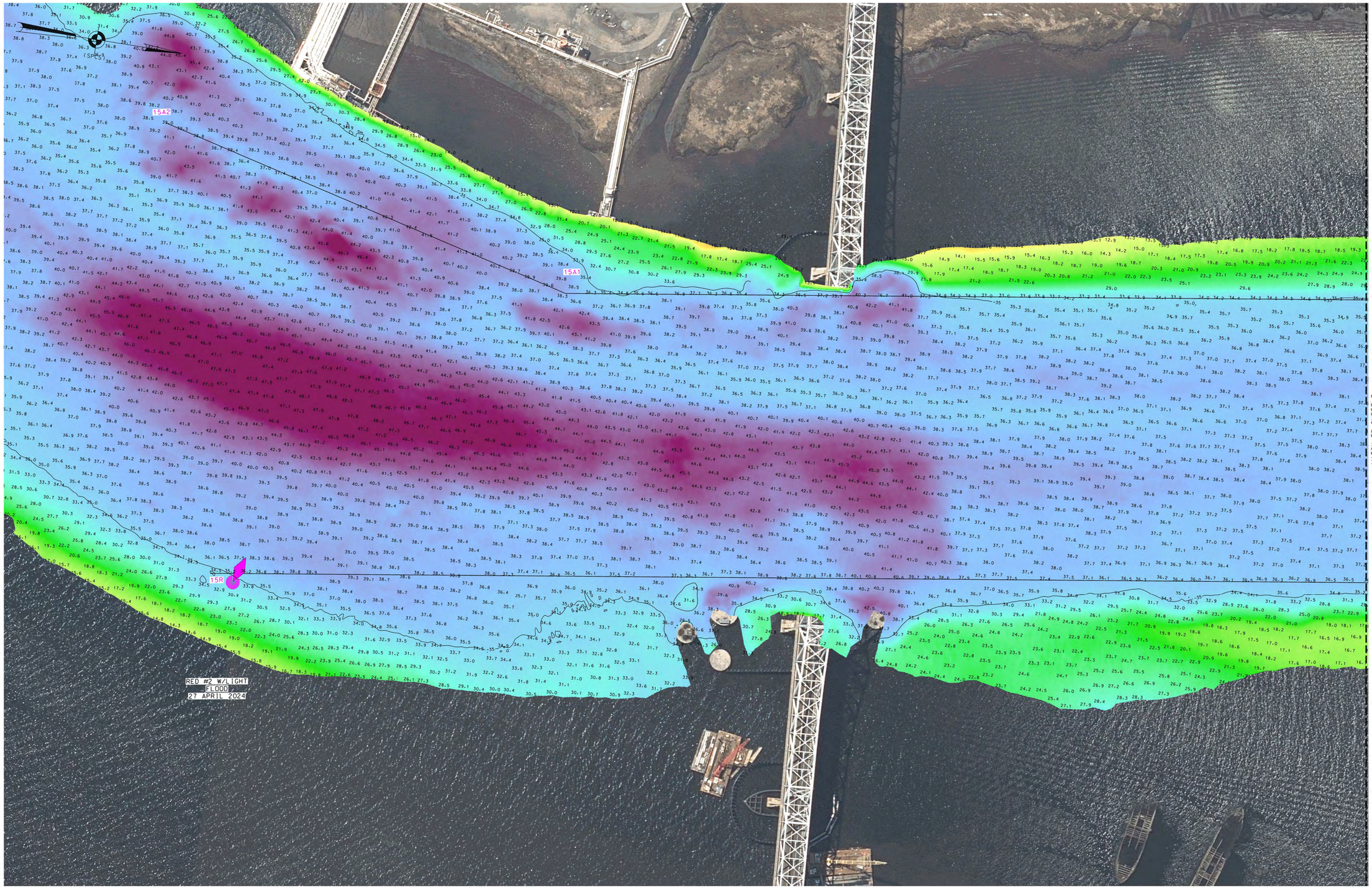
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-101

1 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ED-RR
WP	PR

DATES OF SURVEY:
17-18-22-23-24 APRIL 2024
1-6 MARCH 2024

REQ. NO./FILE NO.: 5434/0/N1/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. ZACHARY SPRATT, CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 6 MARCH 2024

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

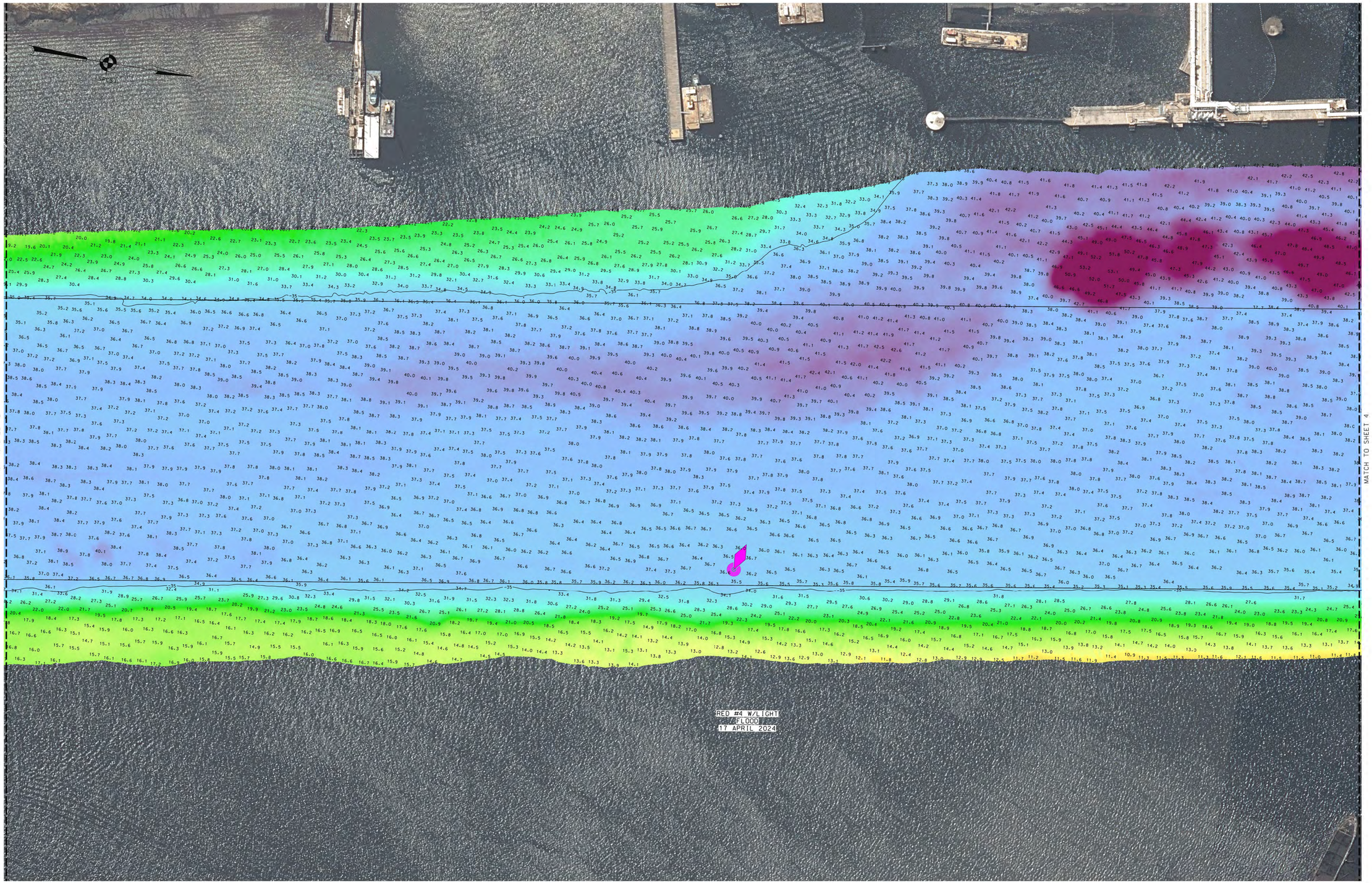
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-102

2 OF 20



MATCH TO SHEET 2

MATCH TO SHEET 4

0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	ED/RR
	WP	RR

DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: [signature] — CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

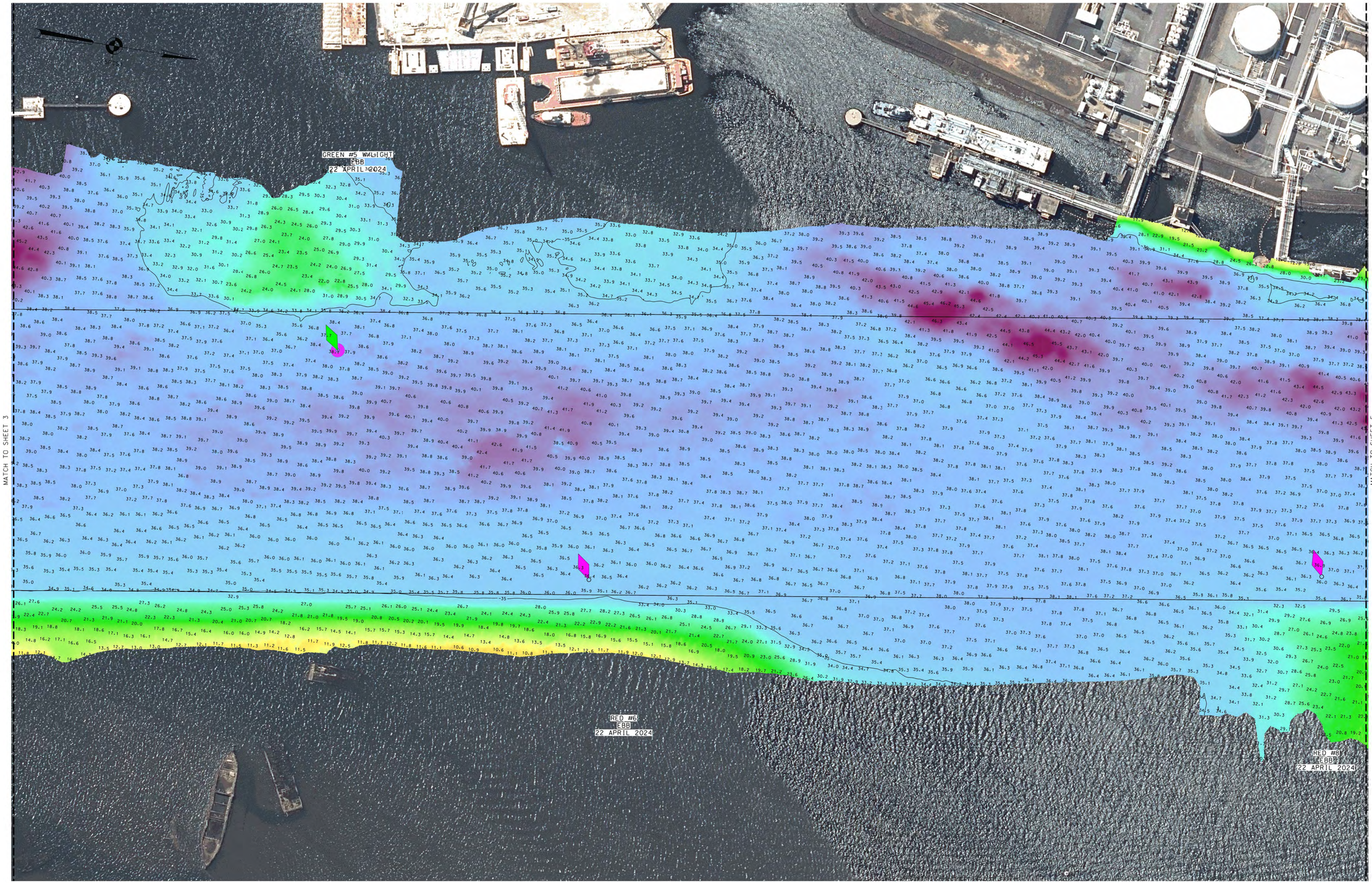
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CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-103

3 OF 20



NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED.RR
		WP	PR

DATES OF SURVEY:
17.18.22.23.24 APRIL 2024
1-6 MARCH 2024

REQ. NO./FILE NO.: 5434/0/N1/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

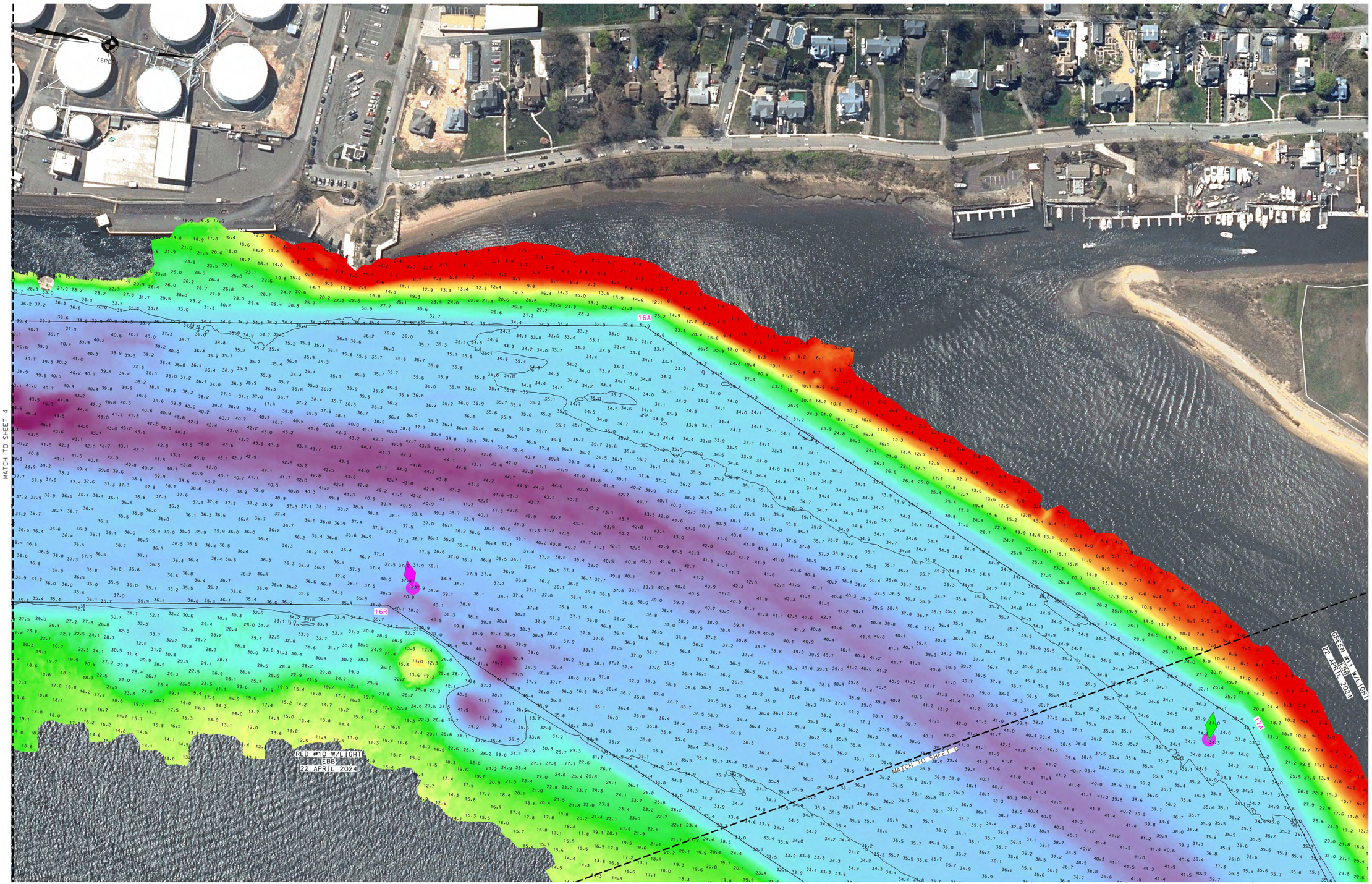
APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MR. J. DEWITT	CHIEF OF SURVEY AND MAPPING BRANCH
DATE:	6 MARCH 2024	

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

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
CONDITION SURVEY

VH-104



NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED-RR
		WP	PR

DATES OF SURVEY:
17-18-22-23-24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MAJ A. DEVLIN	DEPUTY OF OPS SURVEY AND MAPPING BRANCH
DATE:		8 MARCH 2024

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

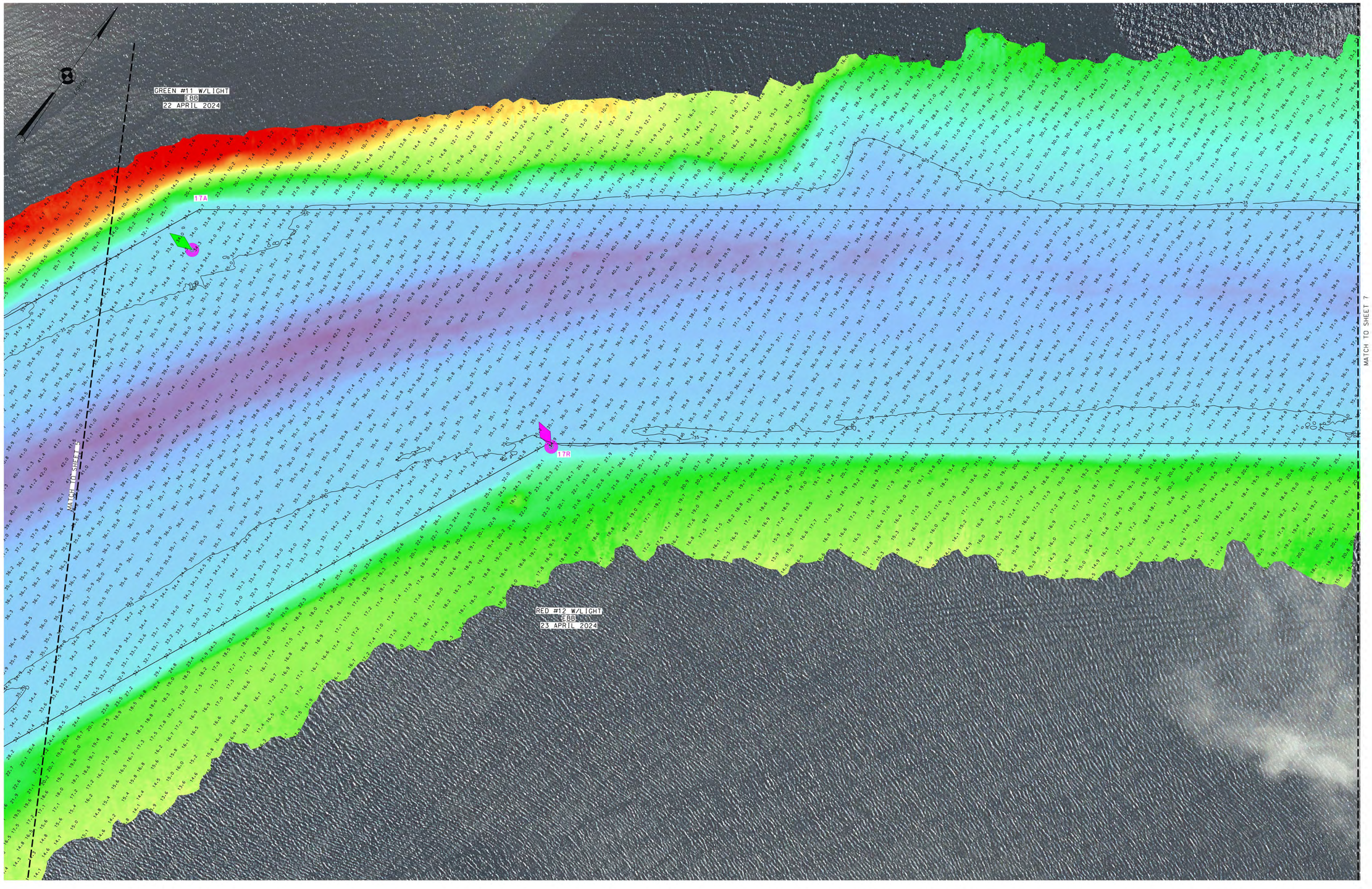
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-105

5 OF 20



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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED/RR
		PR	MP

DATES OF SURVEY:
17:18:22-23:24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	JOHN J. MEZZ	DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE:	8 MARCH 2024	

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

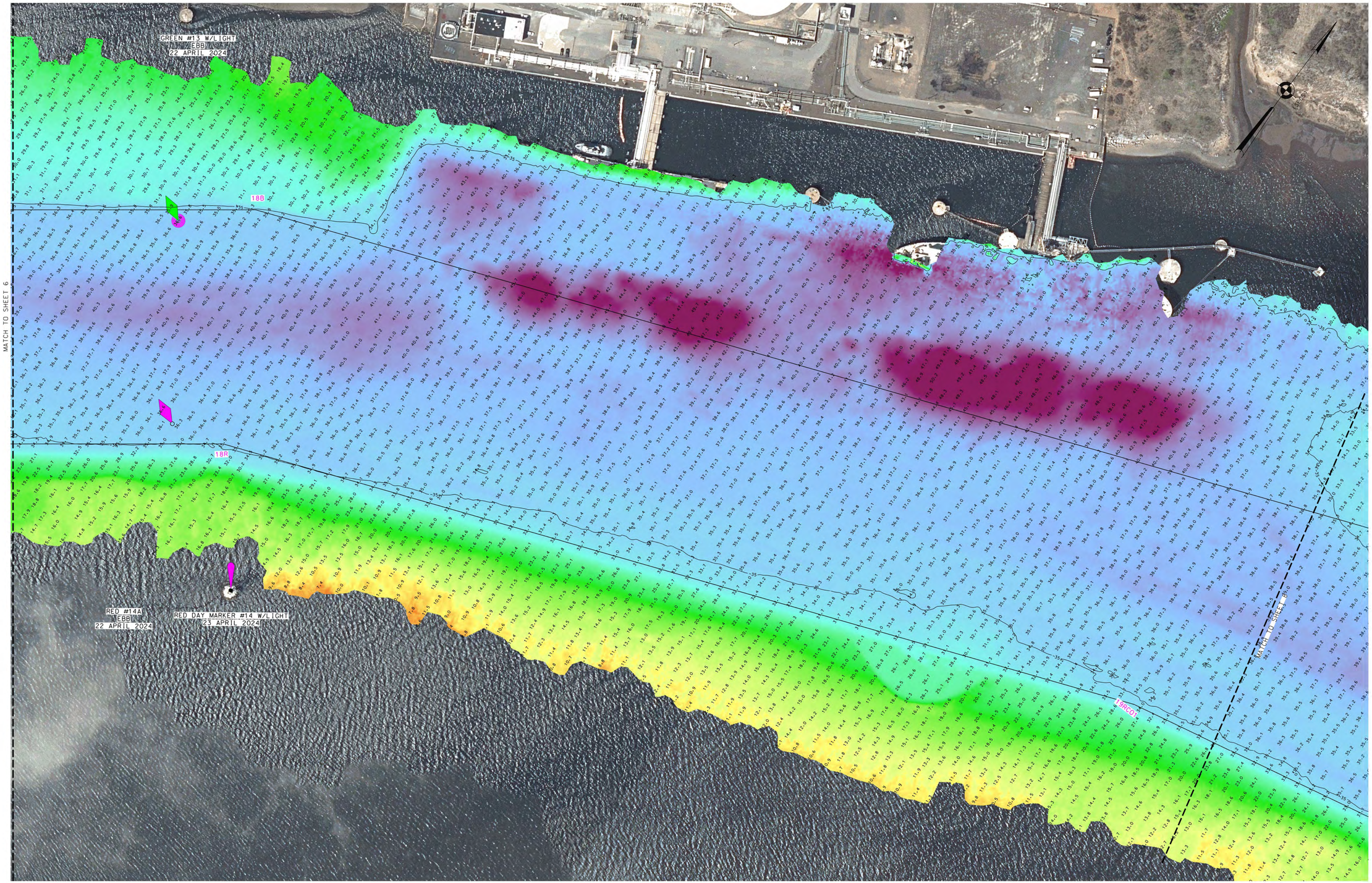
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-106

6 OF 20



0 100' 200'

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJO 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED.RR
		MP	PR

DATES OF SURVEY:
17.18.22.23.24 ARIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5434/0/N1/NJ

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE — CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

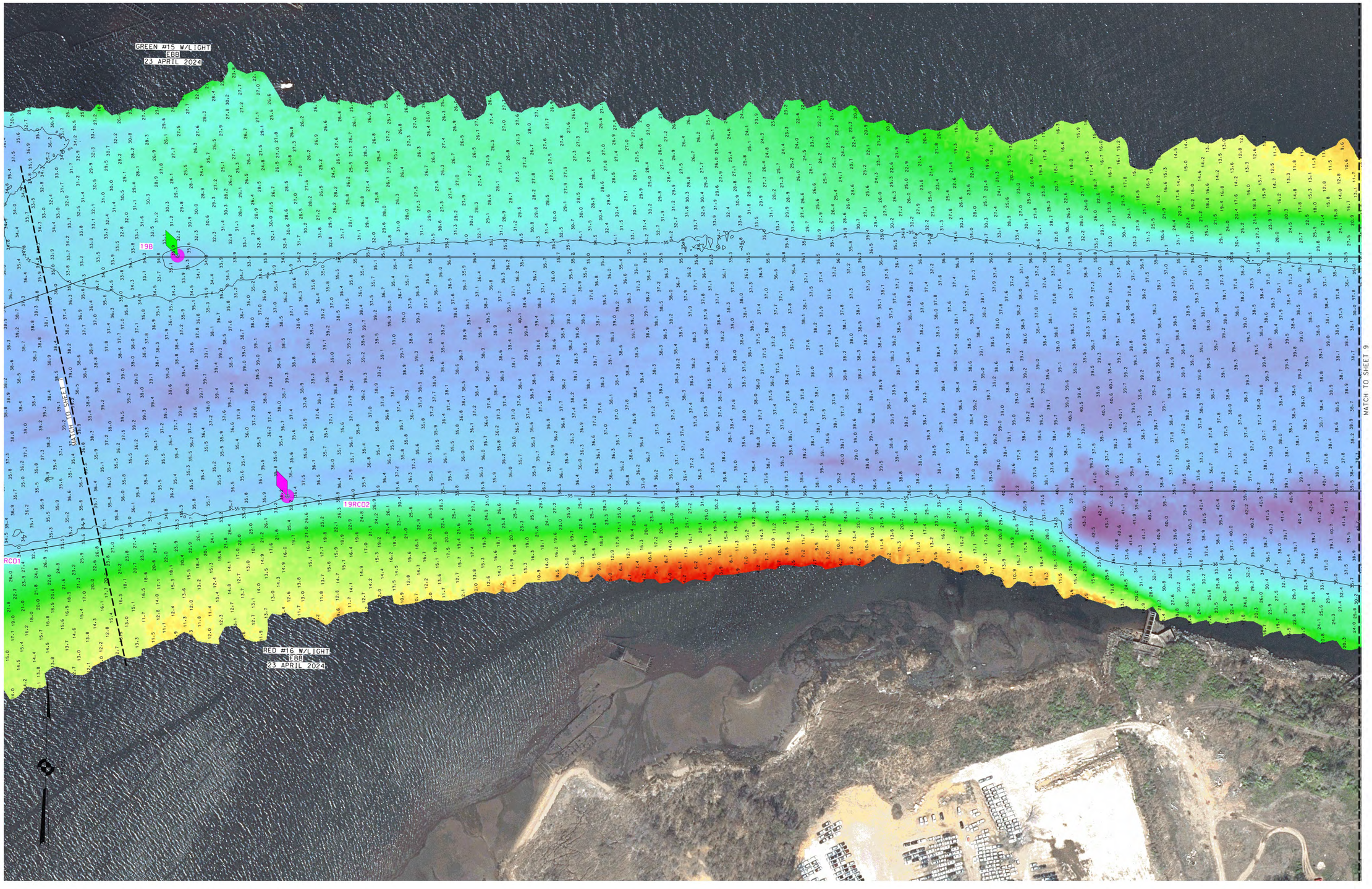
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-107

7 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	ED/RR
	WP	RR

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17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MR.	CHIEF OF SURVEY AND MAPPING BRANCH
DATE:	6 MARCH 2024	

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
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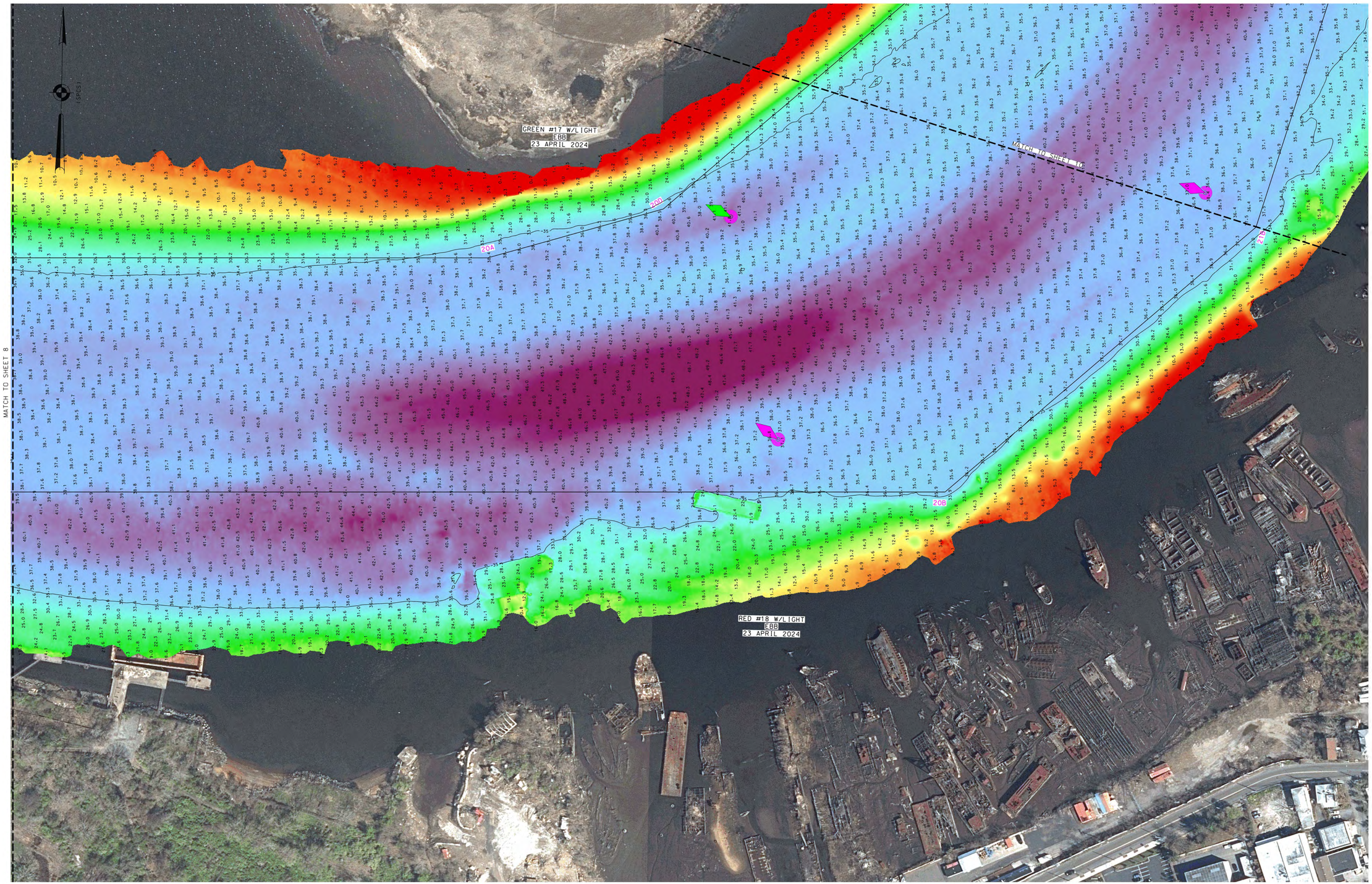
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-108

8 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: BS (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED-RR
		PR	RR
		PR	MP

DATES OF SURVEY:
17-18-22-23-24
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKE
DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
6 MARCH 2024

DATE:

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

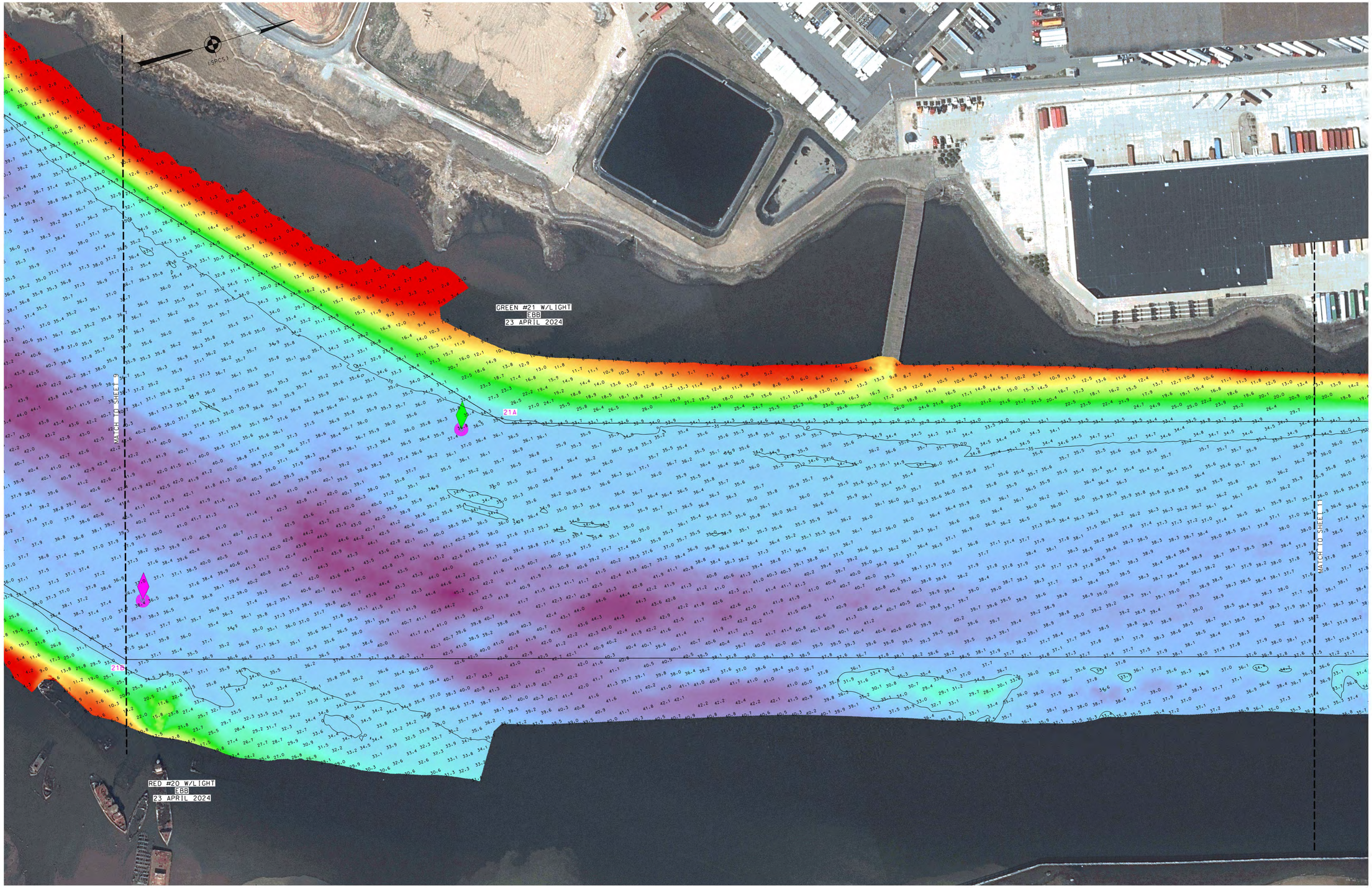
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-109

9 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	ED.RR
	PR
PR	
MP	

DATES OF SURVEY:
17-18
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5434/0/N1/N3

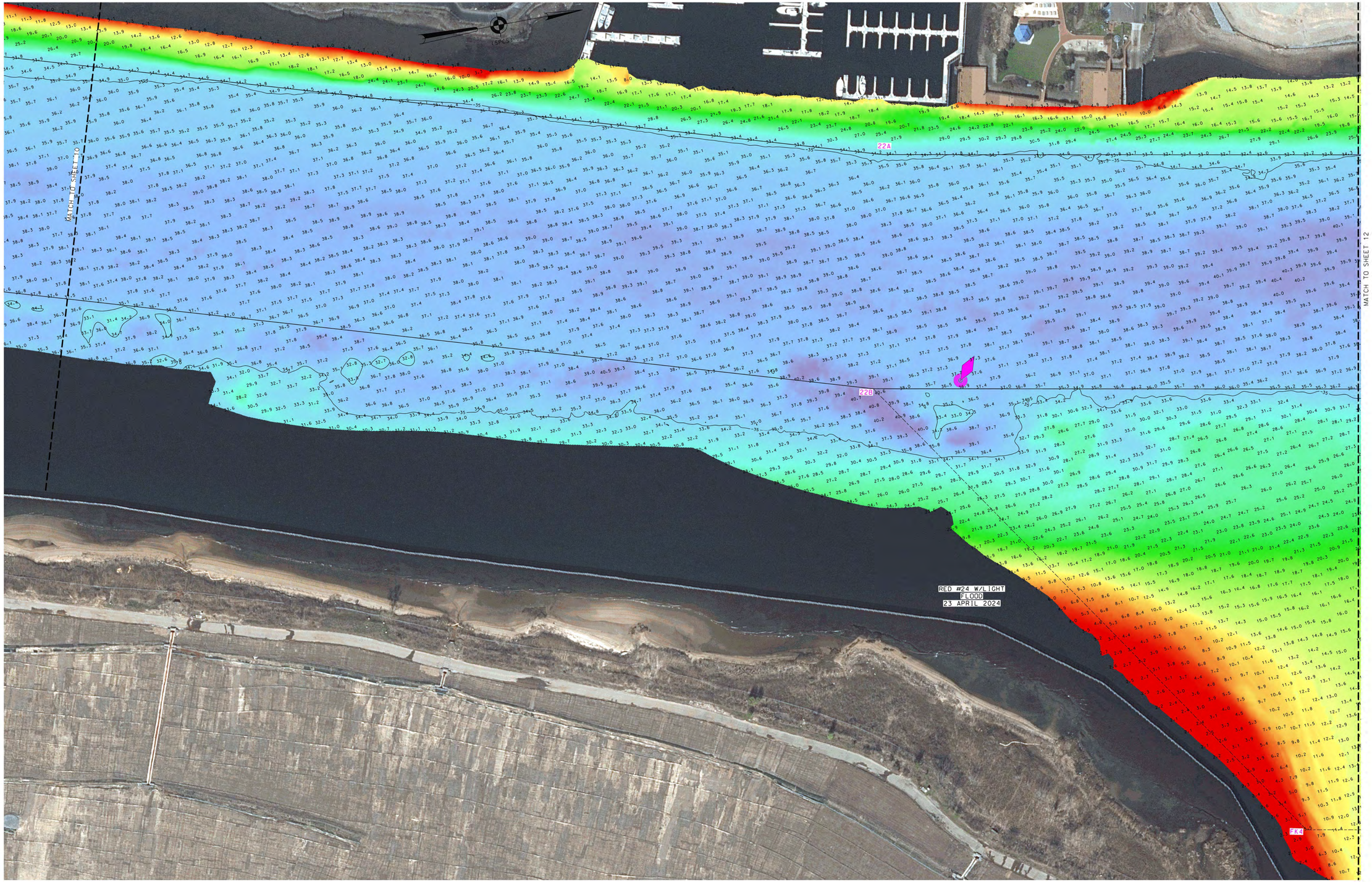
APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
CONDITION SURVEY

VH-110
10 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	ED.RR
	WP	PR

DATES OF SURVEY:
17.18.22.23.24 APRIL 2024
1-6 MARCH 2024

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MIKE ZAKRZEWSKI	CHIEF OF SURVEY AND MAPPING BRANCH
DATE:	8 MARCH 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

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-111

11 OF 20

MATCH TO SHEET 11

MATCH TO SHEET 13

FK1

FK2

FK3

0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

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		PR	WP

DATES OF SURVEY:
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SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REQ. NO./FILE NO.: 5434/0/N1/NJ

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR.AZ — CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 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

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL
CONDITION SURVEY

VH-112

12 OF 20

MATCH TO SHEET 12

MATCH TO SHEET 14

238

RED #30 W/LIGHT
EBB
24 APRIL 2024

0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: 85 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

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DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

REQ. NO./FILE NO.: 5434/0/N1/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: M. RAZ — DEPUTY CHIEF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

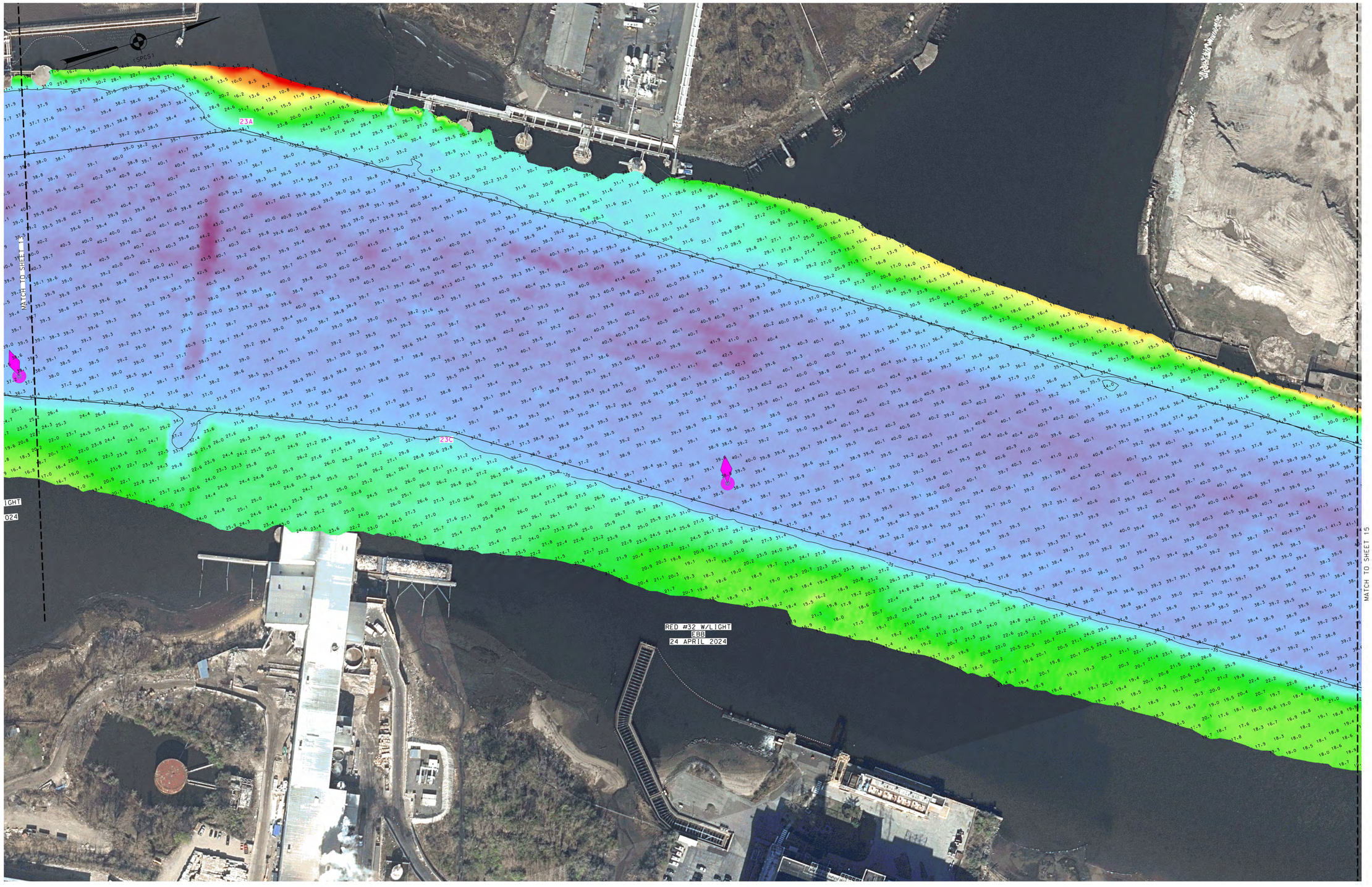
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SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-113

13 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED-RR
		WP	PR

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1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MEAD, CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
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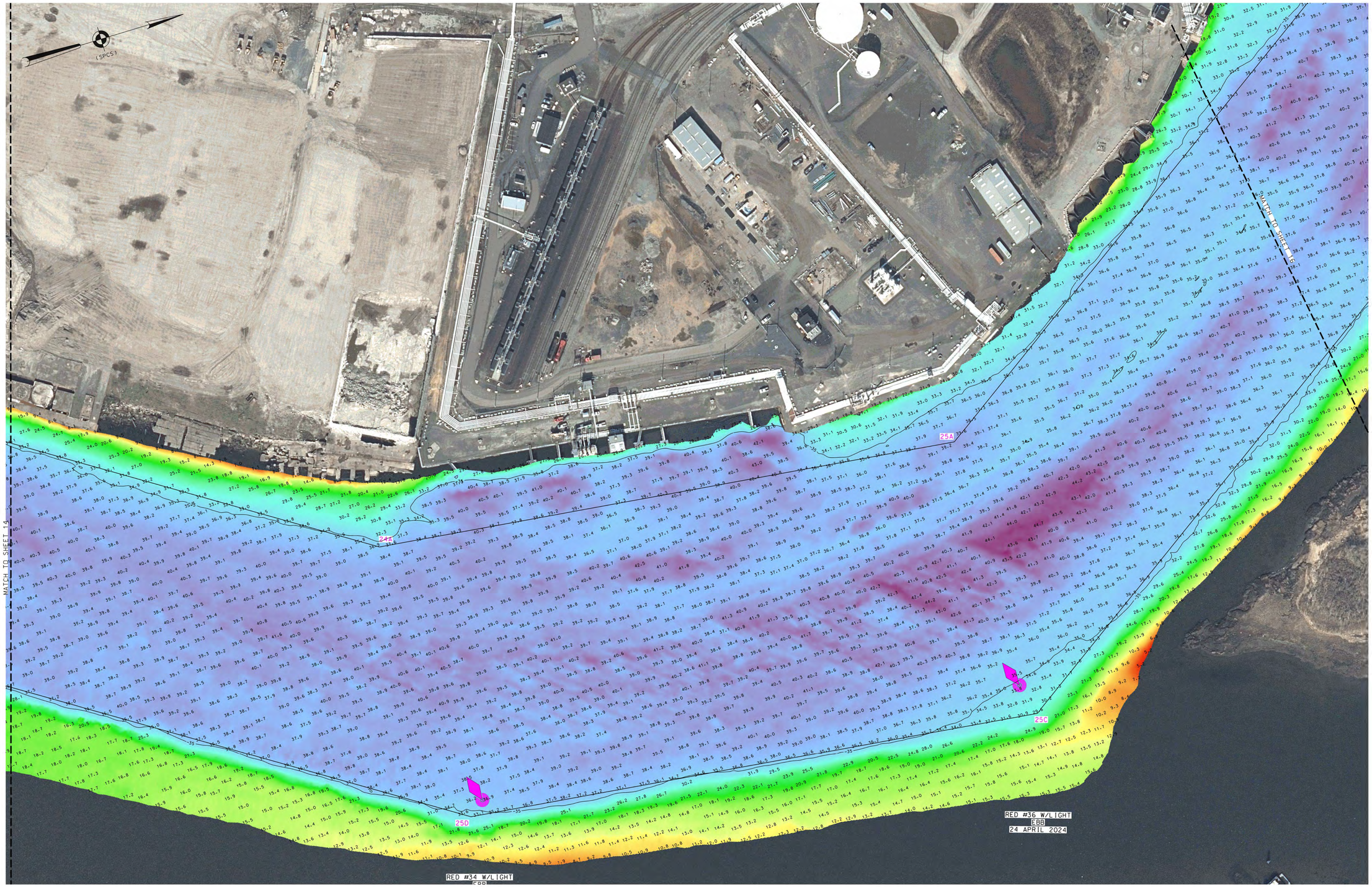
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-114

14 OF 20



0 100' 200'

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NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR / EO-RR
	MP / PR

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17-18-22-23-24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/O/N1/N3

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE — DEPUTY OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

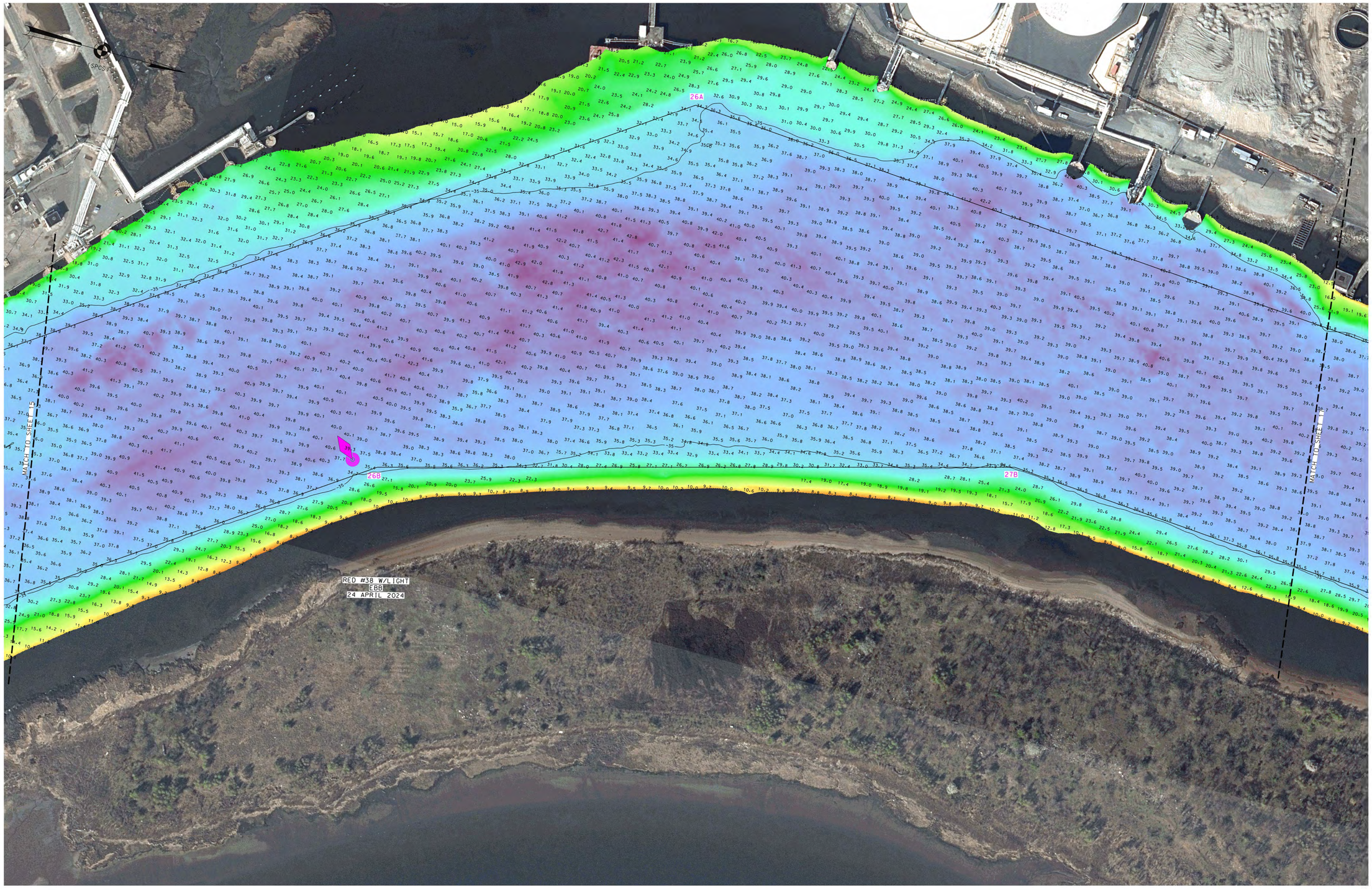
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-115
15 OF 20



NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

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

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ED.RR
WP	PR

DATES OF SURVEY:
17.18.22.23.24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

P.KEARNS — FIELD CARTOGRAPHER — APPROVED:
M. FORTE — CIVIL ENGINEERING TECHNICIAN — APPROVED:
P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION — APPROVED:
MR&A — DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH — APPROVED:
DATE: 8 MARCH 2024

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

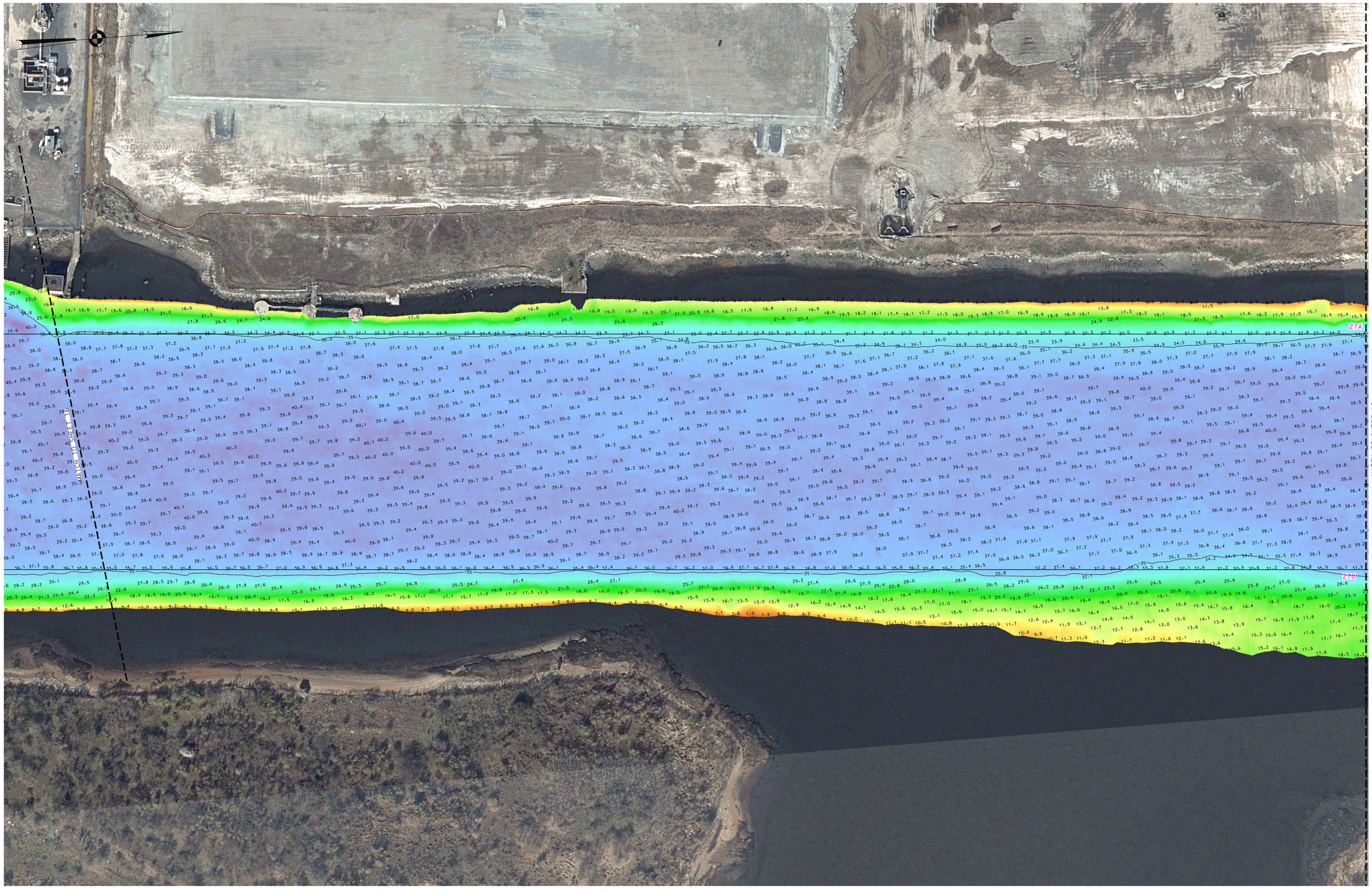
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-116

16 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED/RR
		PR	PR

DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MIKE	CHIEF OF SURVEY AND MAPPING BRANCH
DATE:	8 MARCH 2024	

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

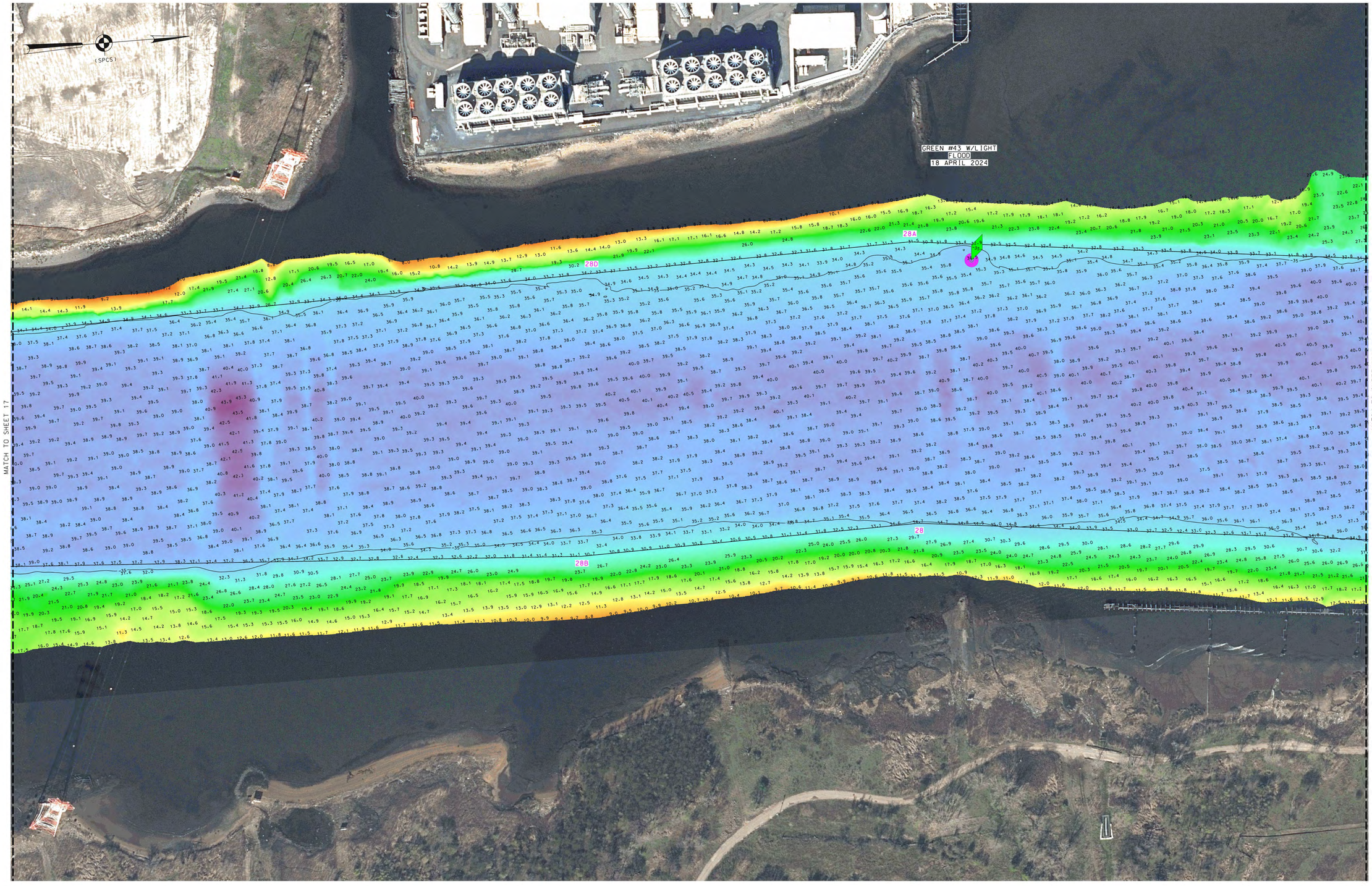
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-117

17 OF 20



NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

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

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED.RR
		WP	PR

DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MR. J. DOYLE	DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE:		5 MARCH 2024

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

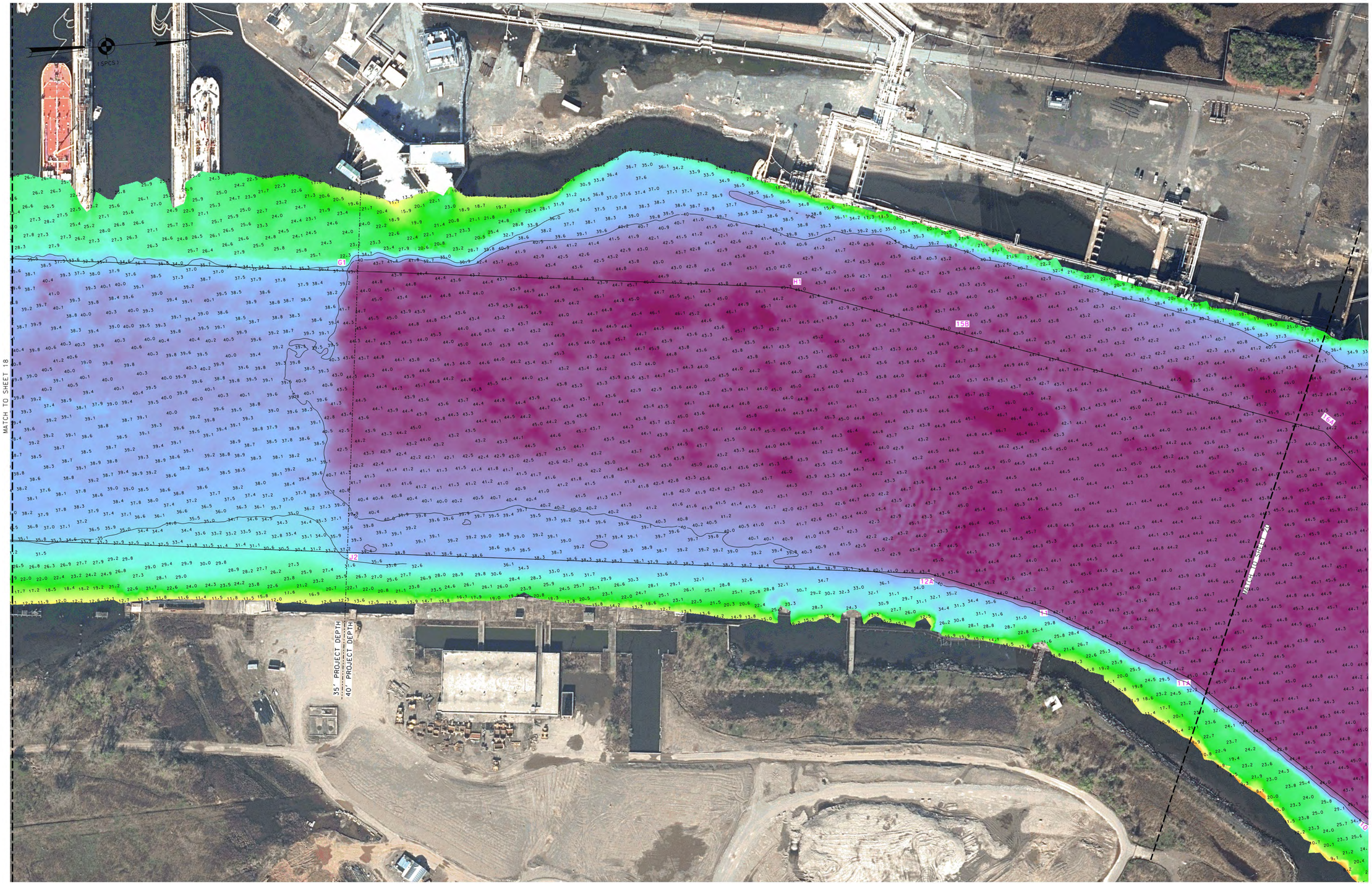
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-118

18 OF 20



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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	ED.RR
		MP	PR

DATES OF SURVEY:
17,18,22,23,24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. JOHN SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 2024

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

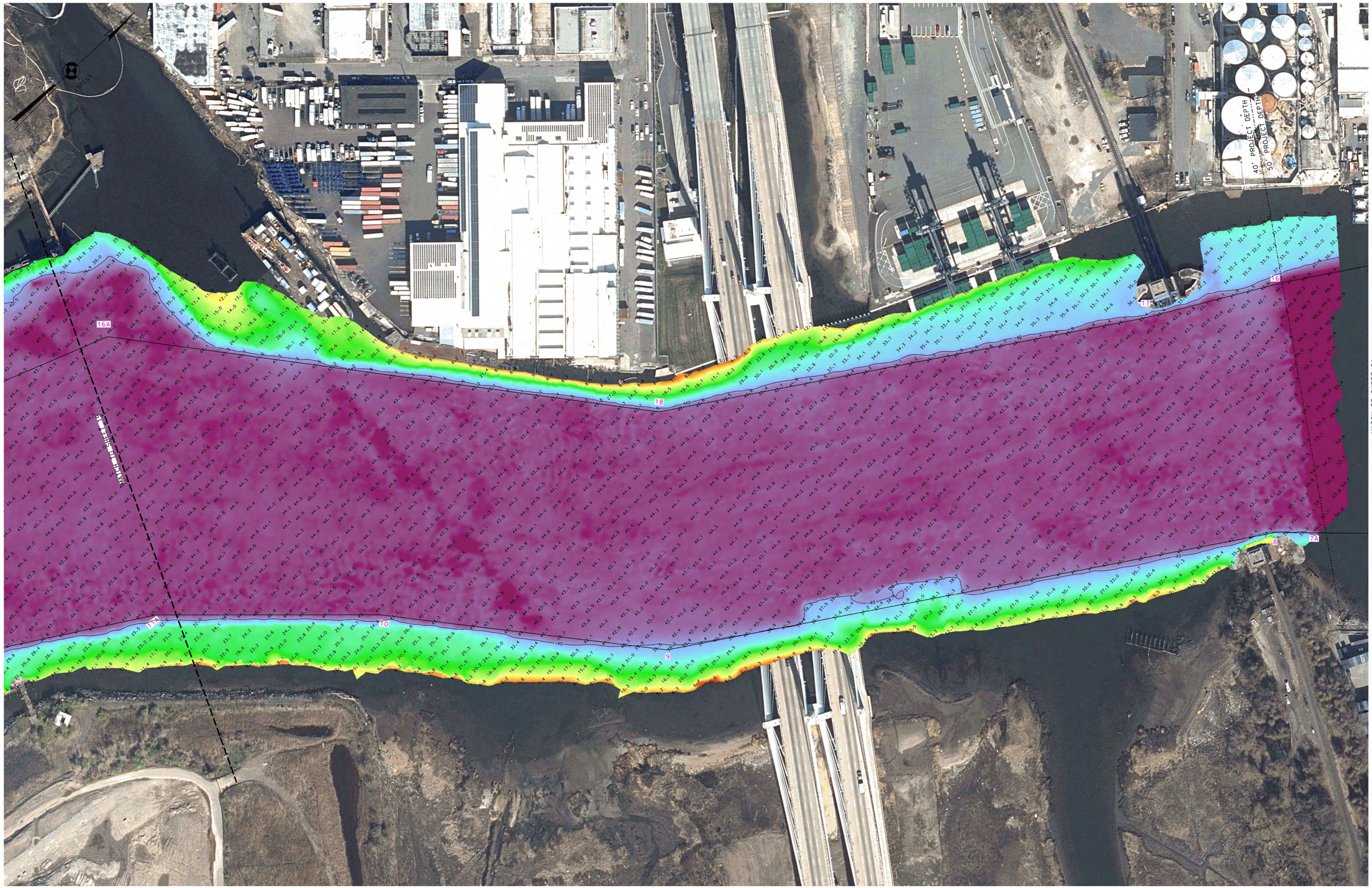
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-119

19 OF 20



0 100' 200'

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

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: BS (PID: KV0006)	BENCHMARK: AJD 10024
ELEVATION: 63.49' (NAVD 1988)	ELEVATION: 12.95' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	EO-RR
		MP	PR

DATES OF SURVEY:
17-18-22-23-24 APRIL 2024
1-6 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

REG. NO./FILE NO.: 5434/0/N1/N3

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE — CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 8 MARCH 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

NEW YORK AND NEW JERSEY CHANNELS
ARTHUR KILL

CONDITION SURVEY

VH-120

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