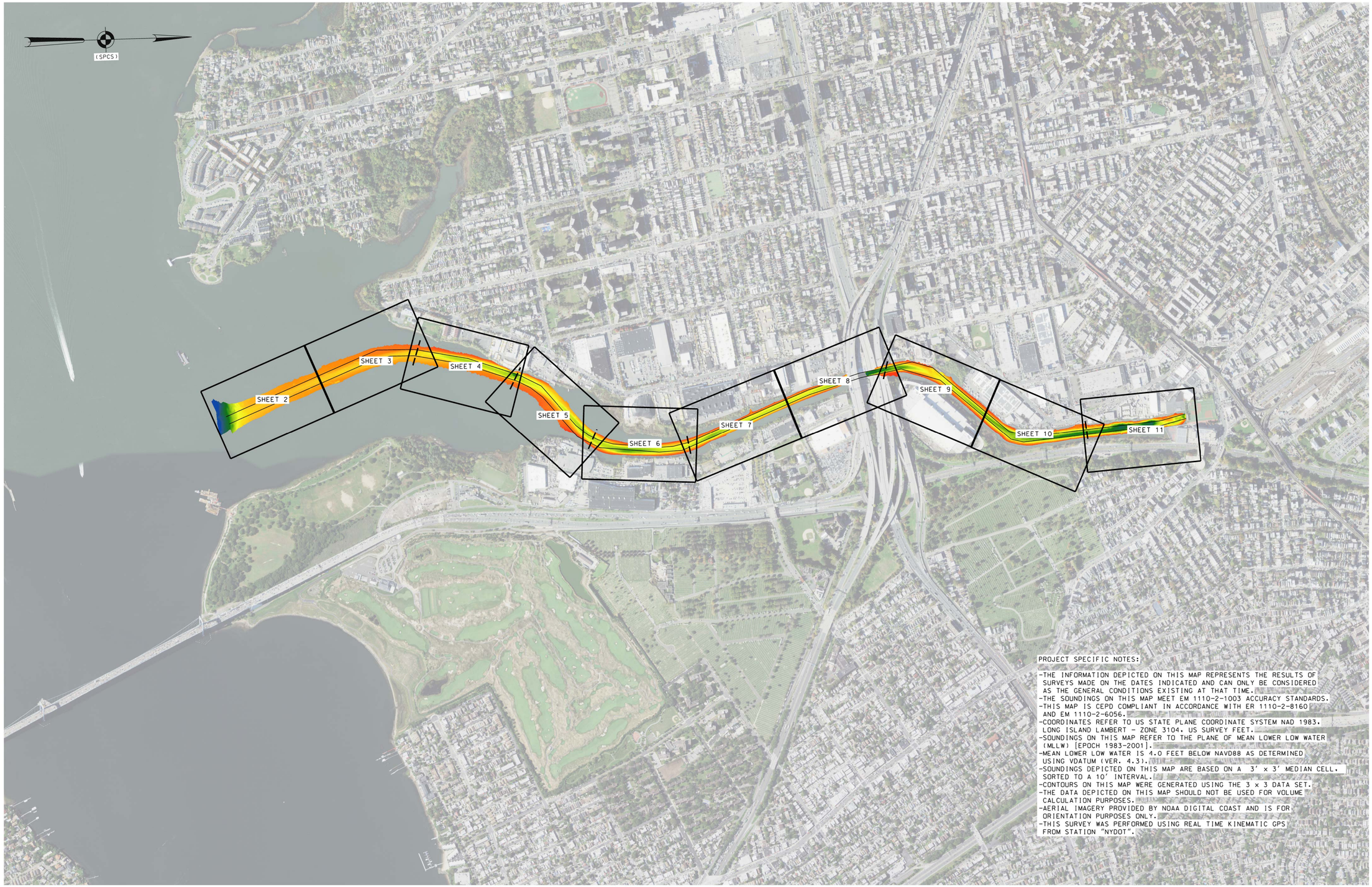


PROJECT SPECIFIC NOTES:

- 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. LONG ISLAND LAMBERT - ZONE 3104. 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 4.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 10' 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 NOAA DIGITAL COAST AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NYDOT".

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS- EQ	
MP	JDS	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 600 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/M4

APPROVED: N. VITOLO
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: 23 MAY 2023

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

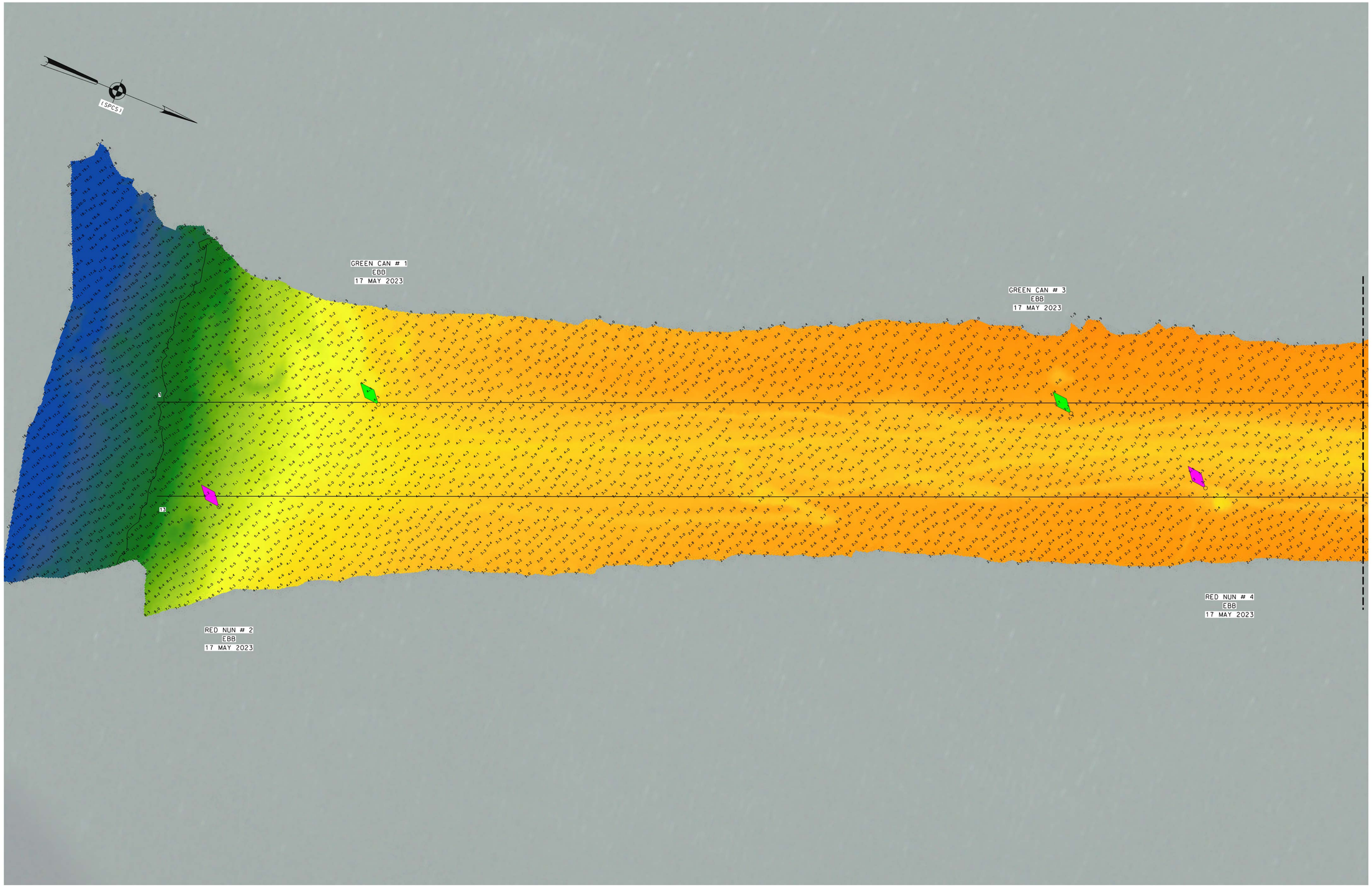
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-101

1 OF 11



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
MP	JDS	

DATES OF SURVEY:
17 MAY 2023

REQ. NO./FILE NO.: 5300/N4

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

APPROVED: N. VITOLO
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: 23 MAY 2023

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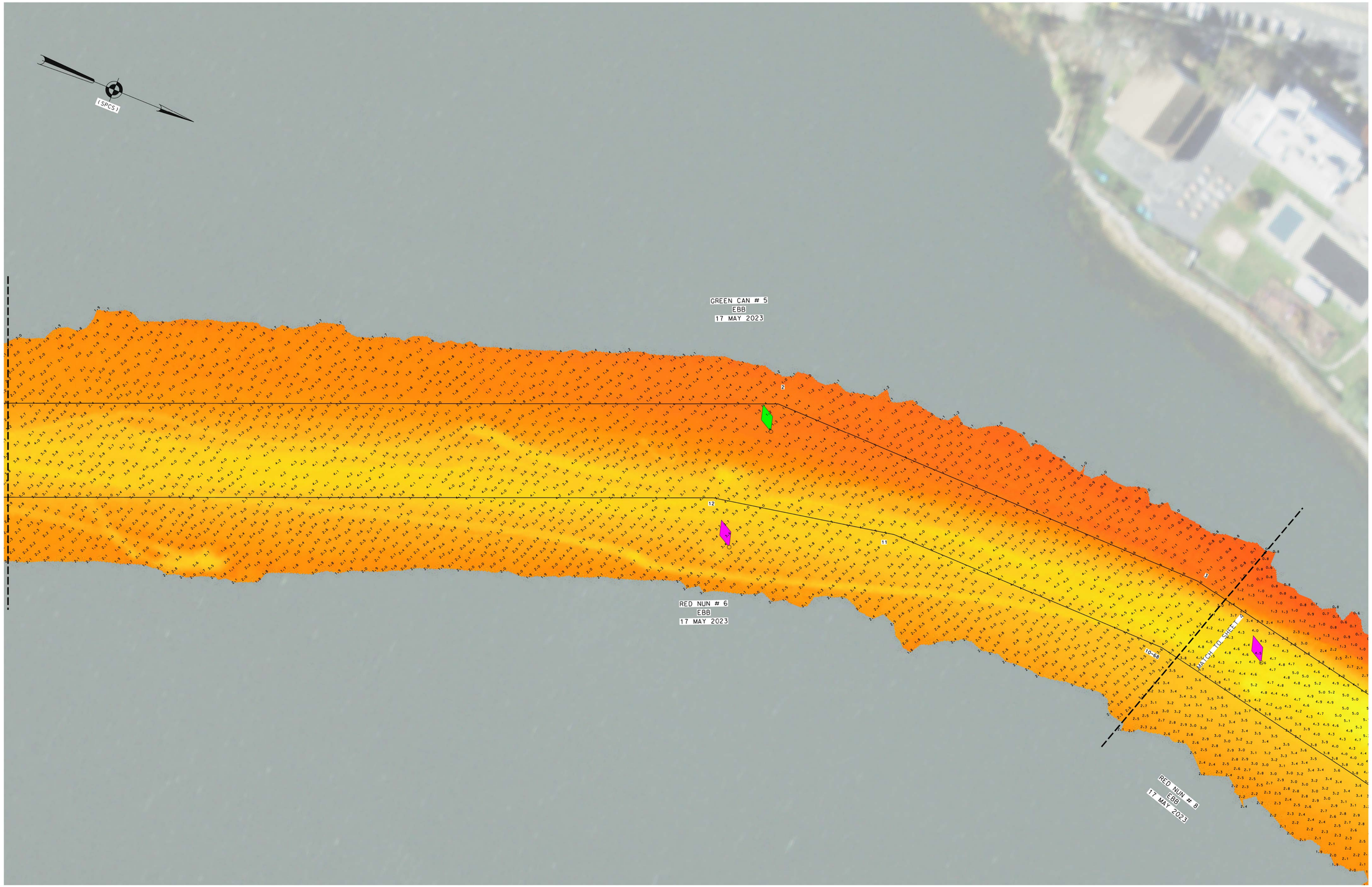
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-102



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
WP	JDS	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/N4

APPROVED: N. VITOLO
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: 23 MAY 2023

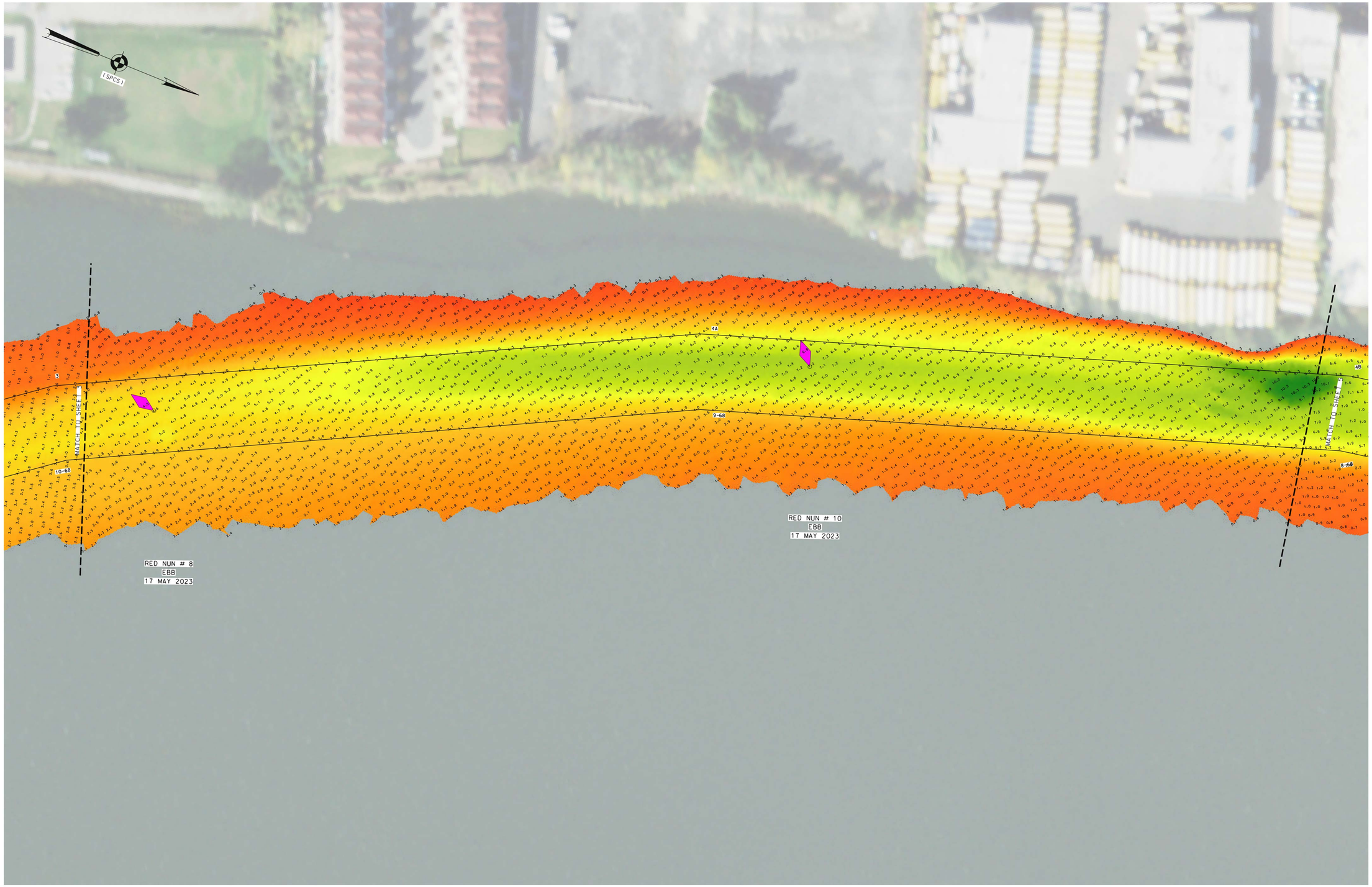
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-103



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
WP	JDS	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/M4

APPROVED: N. VITOLO
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 23 MAY 2023

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

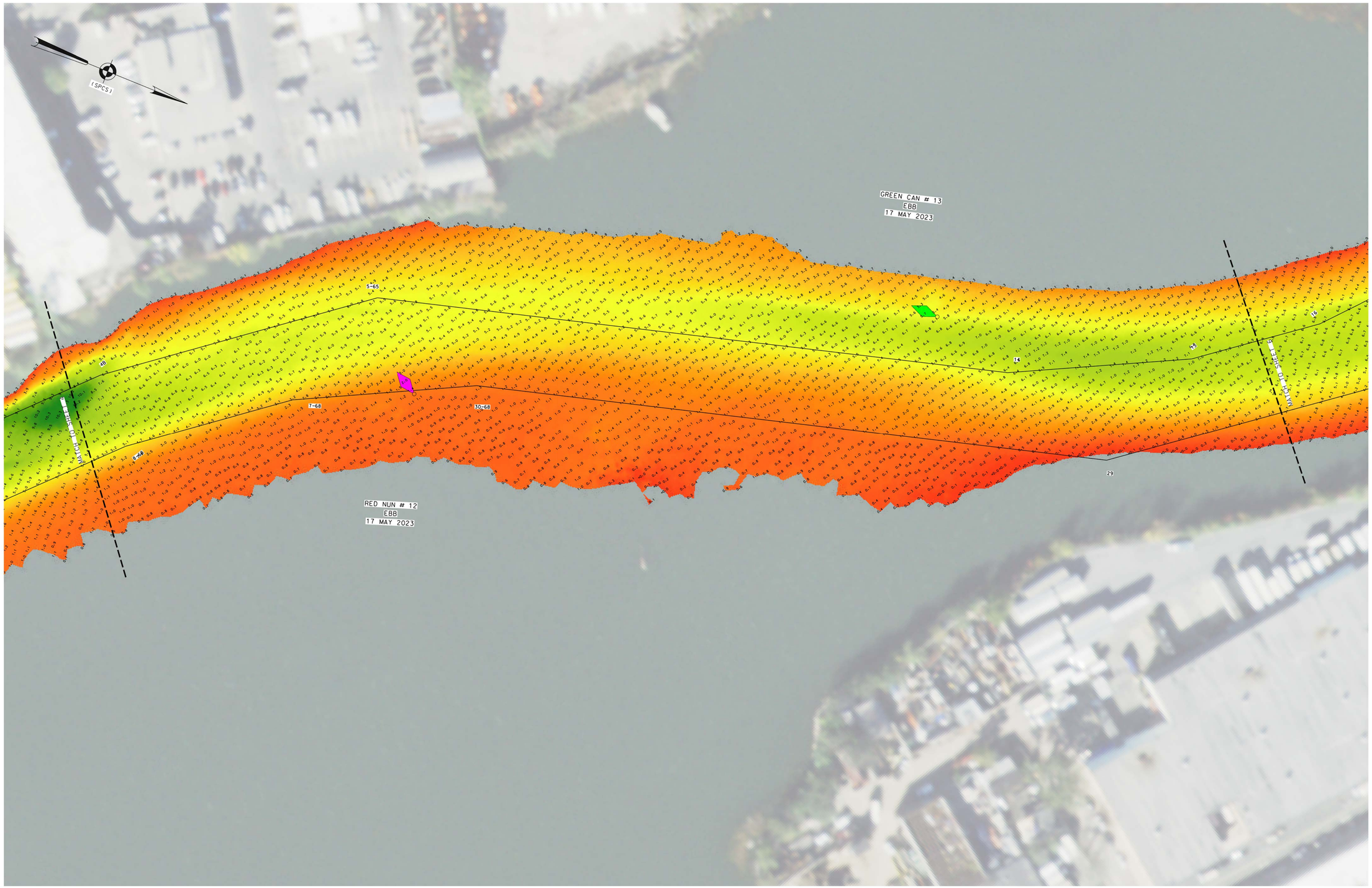
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-104

4 OF 11



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
MP	JDS	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/N4

APPROVED: N. VITOLO
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: 23 MAY 2023

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

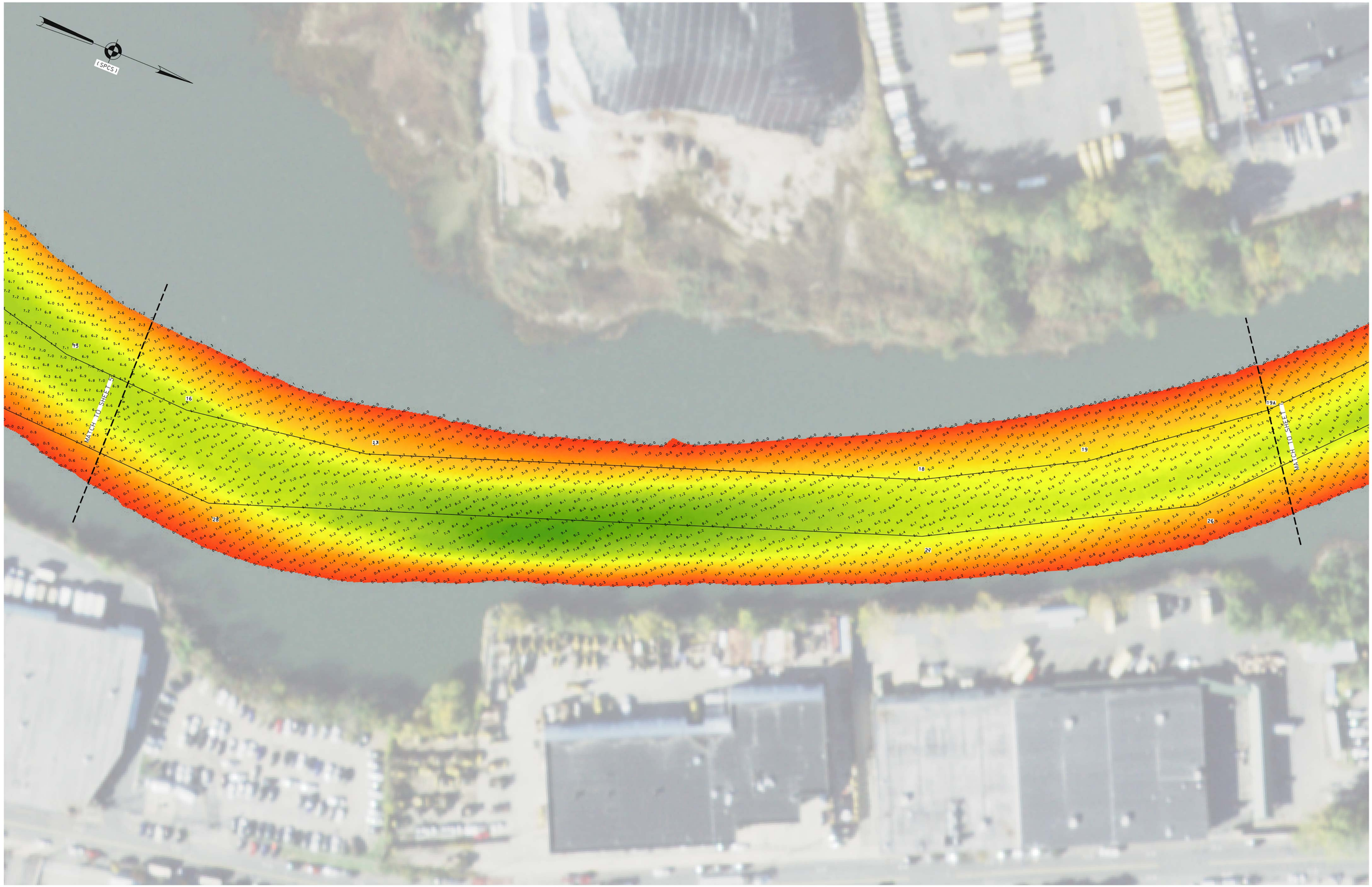
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-105

5 OF 11



FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
ELEVATION: 51.50' (NAVD 1988)	ELEVATION: 8.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

JDS. EQ	PR	
JDS	MP	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/N4

APPROVED: N. VITOLO — 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: 23 MAY 2023

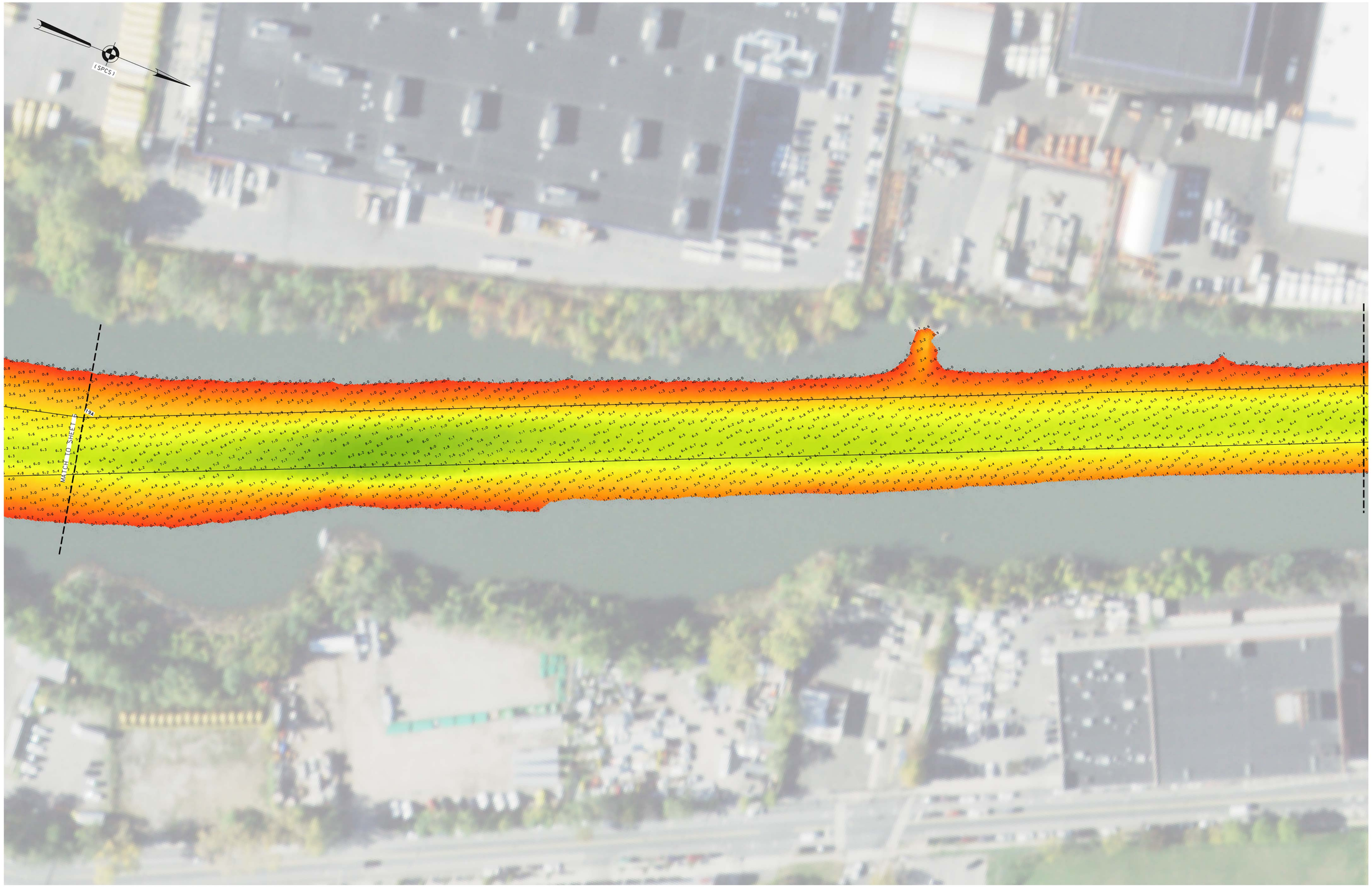
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-106



FOR PROJECT SPECIFIC NOTES REFER TO VH-101

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BENCHMARK: V 340 (PID:KU1002)	BENCHMARK: RTK CUMMINS 19
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
MP	JDS	

DATES OF SURVEY:
17 MAY 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1051

REQ. NO./FILE NO.: 5300/N4

APPROVED: N. VITOLO — 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: 23 MAY 2023

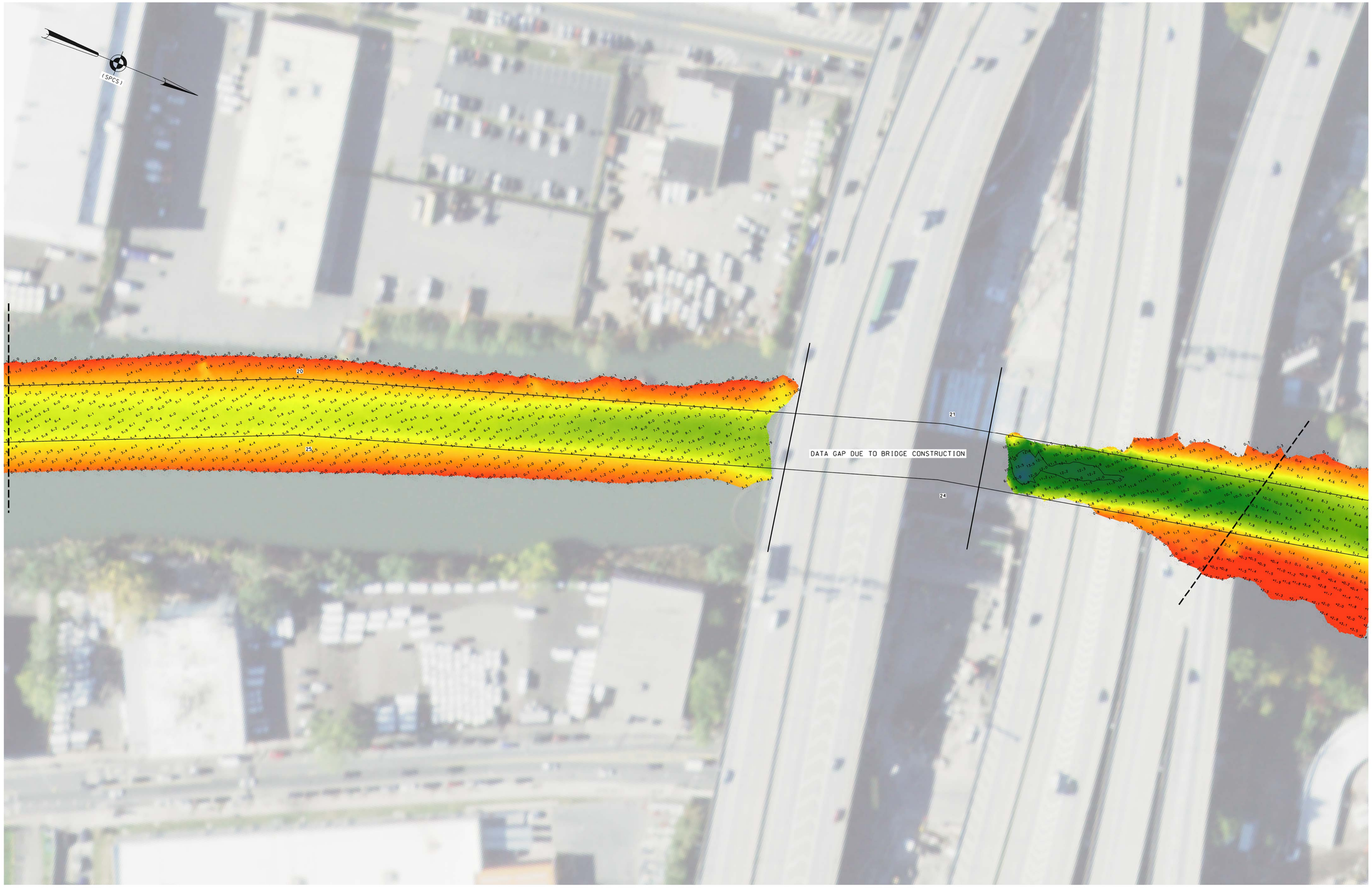
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-107



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
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DATES OF SURVEY:
17 MAY 2023

REQ. NO./FILE NO.: 5300/M4

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ONE INCH = 50 FEET

FIELD BOOKS:
1051

APPROVED: N. VITOLO
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

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

DATE: 23 MAY 2023

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

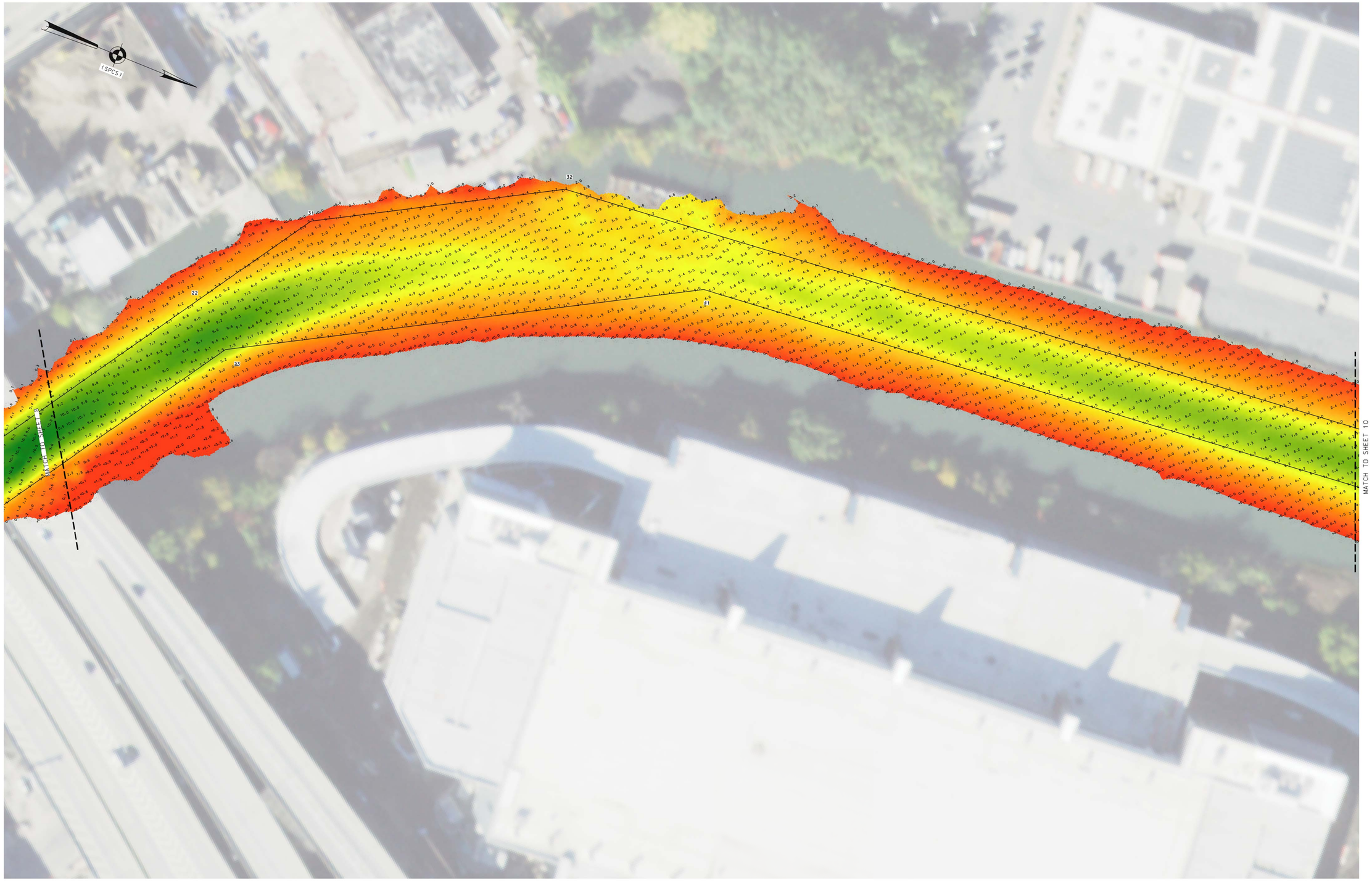
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-108

8 OF 11



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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS. EQ	
MP	JDS	

DATES OF SURVEY:
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1051

REQ. NO./FILE NO.: 5300/M4

APPROVED: N. VITOLO
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 23 MAY 2023

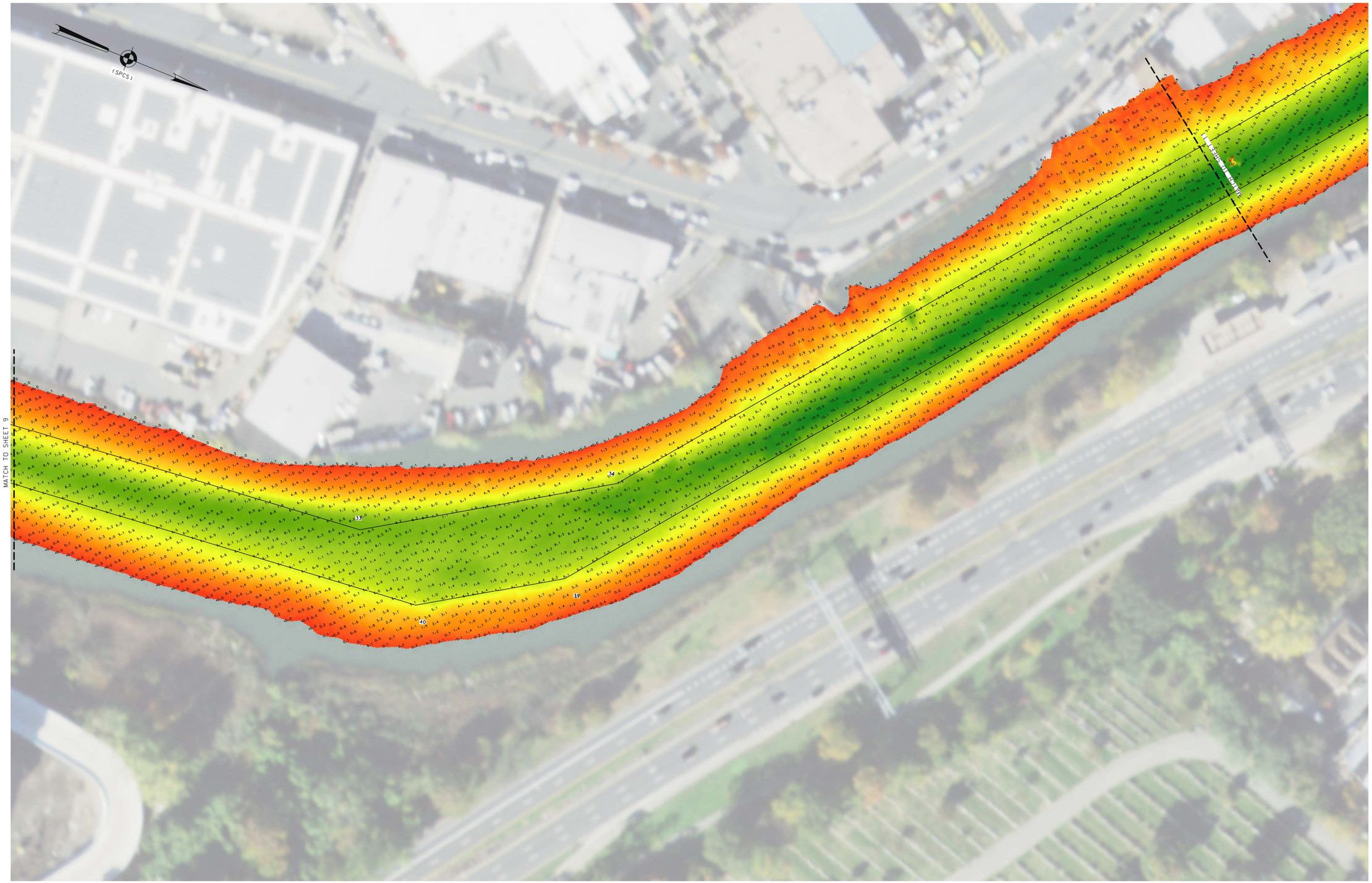
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-109



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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

JDS. EQ	JDS	
PR	MP	

DATES OF SURVEY:
17 MAY 2023

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1051

REQ. NO./FILE NO.: 5300/N4

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CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 23 MAY 2023

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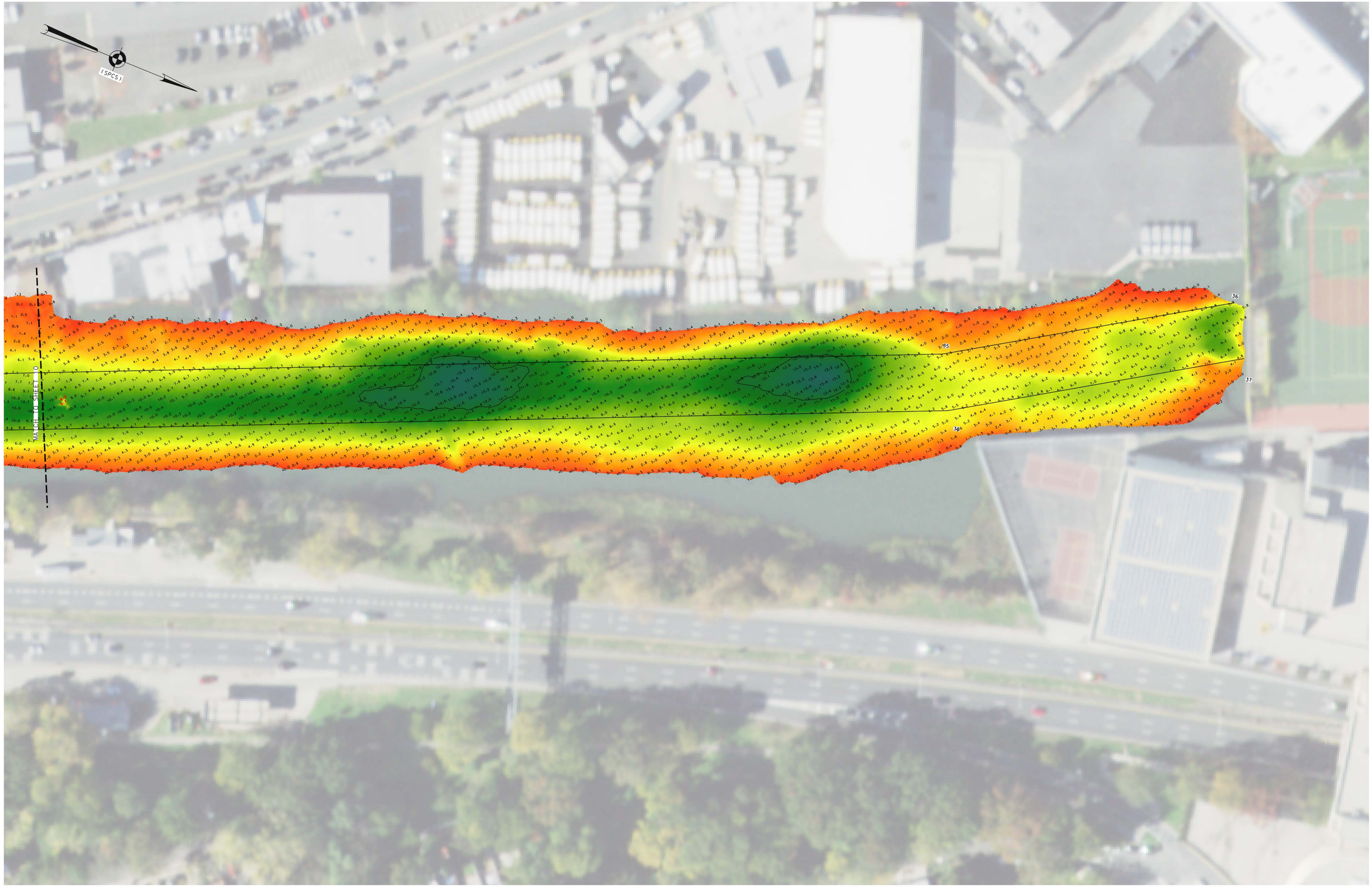
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-110



0 50' 100'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
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CHIEF OF SURVEY SUPPORT SECTION

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

DATE: 23 MAY 2023

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WESTCHESTER CREEK
NEW YORK

CONDITION SURVEY

VH-111