



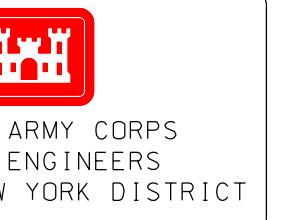
MATCH TO SHEET 3  
TO SHEET 3  
MATCH TO SHEET 3  
DATES OF SURVEY:  
JULY 27-29, 2021  
REQ. NO./FILE NO.: 5065

SCALE: ONE INCH = 50 FEET  
FIELD BOOKS:  
2XX

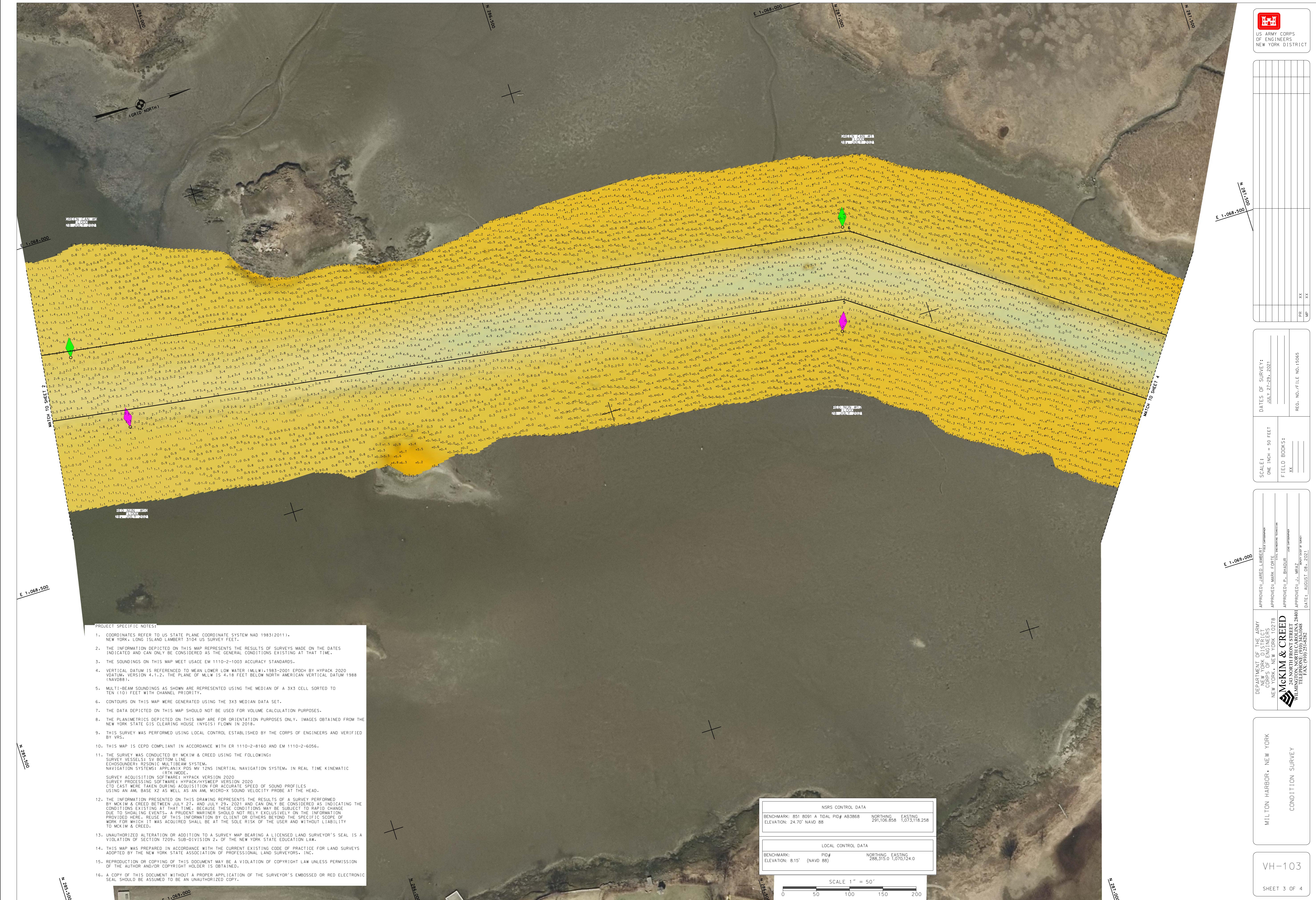
DEPARTMENT OF THE ARMY  
NEW YORK DISTRICT  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK 10278  
MCKIM & CREED  
243 NORTH FRONT STREET  
WHITE PLAINS, NY 10601-3104  
FAX: (914) 251-8282

MILTON HARBOR, NEW YORK  
CONDITION SURVEY  
VH-102

SHEET 2 OF 4  
REO. NO./FILE NO.: 5065



ARMY CORPS  
ENGINEERS  
NEW YORK DISTRICT



PROJECT SPECIFIC NOTES:

1. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983(2011), NEW YORK, LONG ISLAND LAMBERT 3104 US SURVEY FEET.
2. 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.
3. THE SOUNDINGS ON THIS MAP MEET USACE EM 1110-2-1003 ACCURACY STANDARDS.
4. VERTICAL DATUM IS REFERENCED TO MEAN LOWER LOW WATER (MLLW), 1983-2001 EPOCH BY HYPACK 2020 VDATUM, VERSION 4.1.2. THE PLANE OF MLLW IS 4.18 FEET BELOW NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
5. MULTI-BEAM SOUNDINGS AS SHOWN ARE REPRESENTED USING THE MEDIAN OF A 3X3 CELL SORTED TO TEN (10) FEET WITH CHANNEL PRIORITY.
6. CONTOURS ON THIS MAP WERE GENERATED USING THE 3X3 MEDIAN DATA SET.
7. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
8. THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. IMAGES OBTAINED FROM NEW YORK STATE GIS CLEARING HOUSE (NYGIS) FLOWN IN 2018.
9. THIS SURVEY WAS PERFORMED USING LOCAL CONTROL ESTABLISHED BY THE CORPS OF ENGINEERS AND VERIFIED BY VRS.
10. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
11. THE SURVEY WAS CONDUCTED BY MCKIM & CREED USING THE FOLLOWING:  
SURVEY VESSELS: SV BOTTOM LINE  
ECHOSOUNDER: R2SONIC MULTIBEAM SYSTEM.  
NAVIGATION SYSTEMS: APPLANIX POS MV 12NS INERTIAL NAVIGATION SYSTEM, IN REAL TIME KINEMATIC (RTK) MODE.  
SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2020  
SURVEY PROCESSING SOFTWARE: HYPACK/HYSWEEP VERSION 2020  
CTD CAST WERE TAKEN DURING ACQUISITION FOR ACCURATE SPEED OF SOUND PROFILES  
USING AN AML BASE X2 AS WELL AS AN AML MICRO-X SOUND VELOCITY PROBE AT THE HEAD.
12. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY MCKIM & CREED BETWEEN JULY 27, AND JULY 29, 2021 AND CAN ONLY BE CONSIDERED AS INDICATING CONDITIONS EXISTING AT THAT TIME. BECAUSE THESE CONDITIONS MAY BE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS, A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO MCKIM & CREED.
13. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
14. THIS MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEY ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC.
15. REPRODUCTION OR COPYING OF THIS DOCUMENT MAY BE A VIOLATION OF COPYRIGHT LAW UNLESS PERMISSION OF THE AUTHOR AND/OR COPYRIGHT HOLDER IS OBTAINED.
16. A COPY OF THIS DOCUMENT WITHOUT A PROPER APPLICATION OF THE SURVEYOR'S EMBOSSED OR RED ELECTRO SEAL SHOULD BE ASSUMED TO BE AN UNAUTHORIZED COPY.

NSRS CONTROL DATA			
ENCHMARK: 851 8091 A TIDAL PID# AB3868		NORTHING	EASTING
LEVATION: 24.70' NAVD 88		291,106.858	1,073,118.258
LOCAL CONTROL DATA			
ENCHMARK:	PID#	NORTHING	EASTING
LEVATION: 8.15'	(NAVD 88)	288,315.0	1,070,124.0
SCALE 1" = 50'			

MONITORING STUDY

WH-103

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