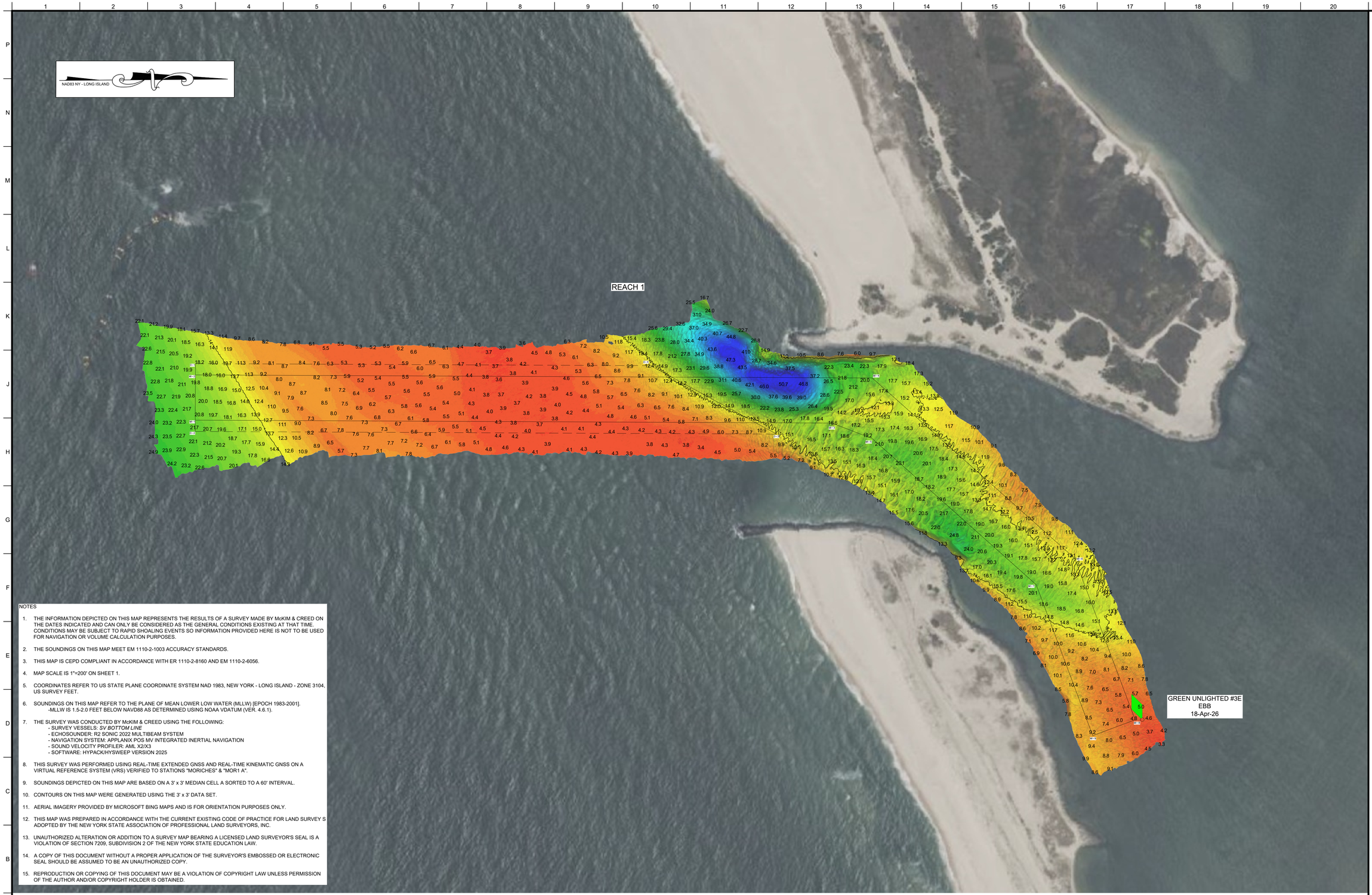

NOTES

1. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE BY McKIM & CREED ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME. CONDITIONS MAY BE SUBJECT TO RAPID SHOALING EVENTS SO INFORMATION PROVIDED HERE IS NOT TO BE USED FOR NAVIGATION OR VOLUME CALCULATION PURPOSES.
2. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
3. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
4. MAP SCALE IS 1"=200' ON SHEET 1.
5. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW YORK - LONG ISLAND - ZONE 3104, US SURVEY FEET.
6. SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
   -MLLW IS 1.5-2.0 FEET BELOW NAVD88 AS DETERMINED USING NOAA VDATUM (VER. 4.6.1).
7. THE SURVEY WAS CONDUCTED BY McKIM & CREED USING THE FOLLOWING:
   - SURVEY VESSELS: *SV BOTTOM LINE*
   - ECHOSOUNDER: R2 SONIC 2022 MULTIBEAM SYSTEM
   - NAVIGATION SYSTEM: APPLANIX POS MV INTEGRATED INERTIAL NAVIGATION
   - SOUND VELOCITY PROFILER: AML X2/X3
   - SOFTWARE: HYPACK/HYSWEEP VERSION 2025
8. THIS SURVEY WAS PERFORMED USING REAL-TIME EXTENDED GNSS AND REAL-TIME KINEMATIC GNSS ON A VIRTUAL REFERENCE SYSTEM (VRS) VERIFIED TO STATIONS "MORICHES" & "MOR1 A".
9. SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL A SORTED TO A 60' INTERVAL.
10. CONTOURS ON THIS MAP WERE GENERATED USING THE 3' x 3' DATA SET.
11. AERIAL IMAGERY PROVIDED BY MICROSOFT BING MAPS AND IS FOR ORIENTATION PURPOSES ONLY.
12. THIS MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEY S ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC.
13. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.
14. A COPY OF THIS DOCUMENT WITHOUT A PROPER APPLICATION OF THE SURVEYOR'S EMBOSSED OR ELECTRONIC SEAL SHOULD BE ASSUMED TO BE AN UNAUTHORIZED COPY.
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.

0 200 400 Feet

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: MORICHES (PID: AA9073) ELEVATION: 4.86' (NAVD88)	BENCHMARK: MOR1 A (PID: AI9628) ELEVATION: 4.41' (NAVD88)

McKIM&CREED
929 N FRONT STREET
WILMINGTON, NORTH CAROLINA 28401
TELEPHONE: (910) 343-1048
FAX: (910) 251-8282
NORTH CAROLINA FIRM LICENSE # F-1222

US Army Corps of Engineers®

	PR	RN
	MP	RJ

DATES OF SURVEY: 18 APRIL 2026

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: W2800

REQUEST NUMBER: 5660

APPROVED:	R. NADEAU	FIELD CARTOGRAPHER
APPROVED:	R. SMITH	LEAD CARTOGRAPHER
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MARKS	CHIEF OF SURVEYS AND MAPPING BRANCH
ISSUE DATE:	23 APRIL 2026	

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MORICHES INLET
LONG ISLAND, NEW YORK
CONDITION SURVEY

VH-101
1 OF 1