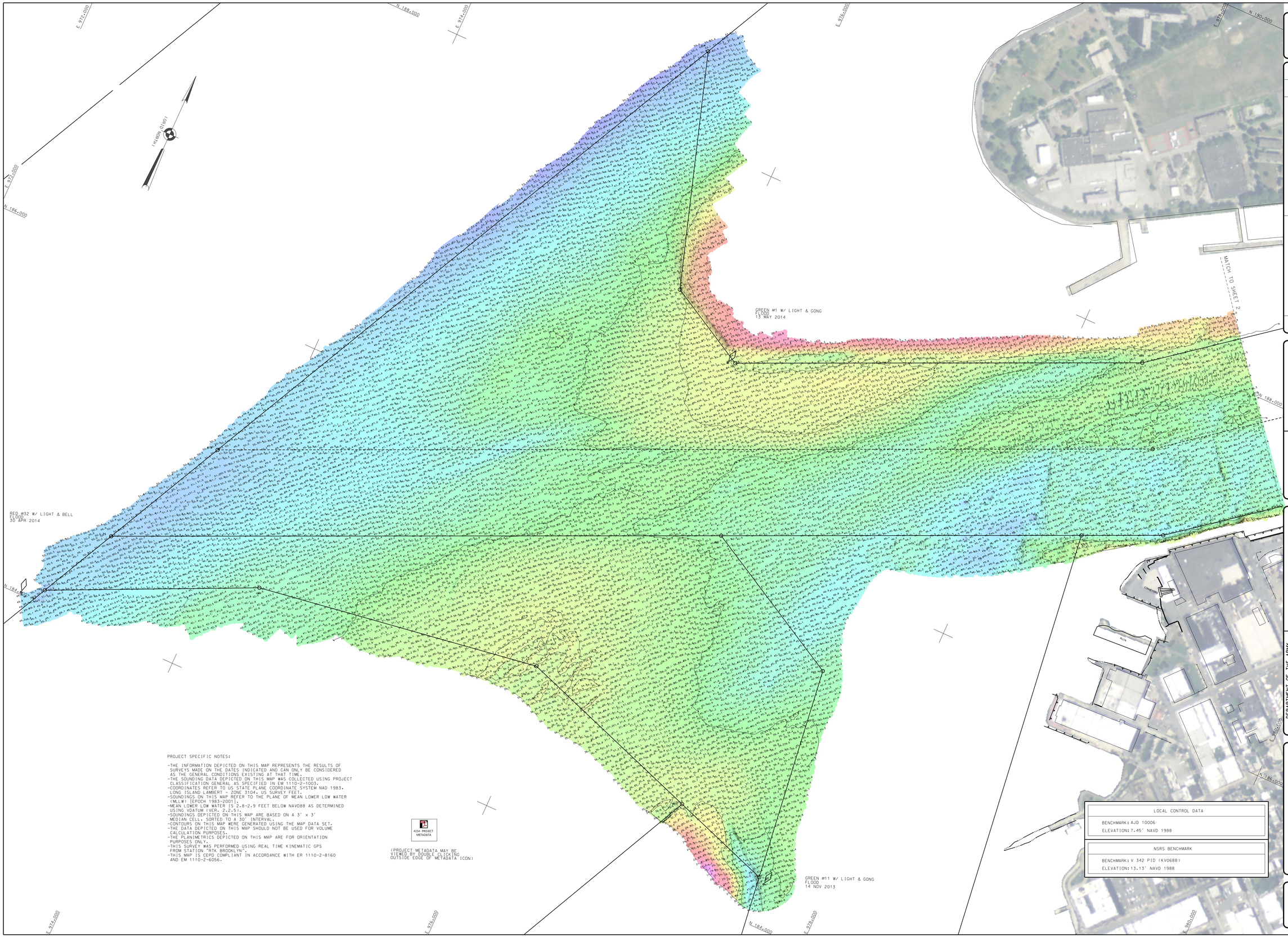
CORPS OF ENGINEERS

U. S. ARMY




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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- 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 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 2.2.5).
- 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 MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK BROOKLYN".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

4154-PROJECT METADATA

(PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING OUTSIDE EDGE OF METADATA ICON)

LOCAL CONTROL DATA

BENCHMARK: AJD 10006
ELEVATION: 7.45' NAVD 1988

NSRS BENCHMARK

BENCHMARK: V 342 PID (KV0688)
ELEVATION: 13.13' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

| | |
|---|---|
| ESO | PR |
| BPH | MP |

DATES OF SURVEY:
30 APRIL, 13 & 20 MAY 2014

FILE NO.: 110
REQUEST NO.: 4154D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 23 JUNE 2014

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

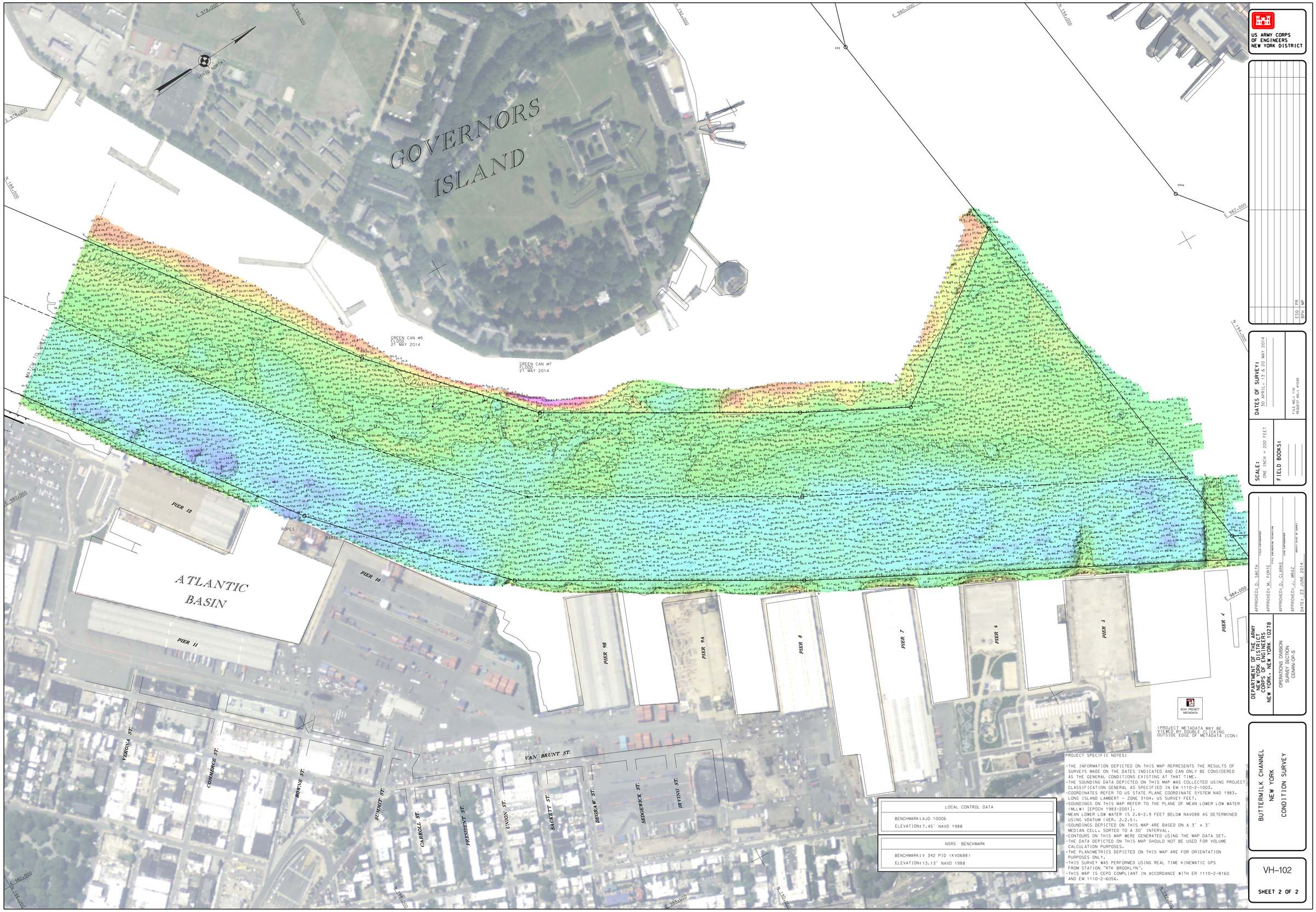
VH-101

SHEET 1 OF 2

FILE NO.: 110
REQUEST NO.: 4154D

CORPS OF ENGINEERS

U. S. ARMY




US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO PR
BPM MP

DATES OF SURVEY:
26 APRIL - 13 & 20 MAY 2014

FILE NO.: 110
REQUEST NO.: 41540

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD SURVEYING
APPROVED: M. FORTE — CHIEF, ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF SURVEYING
APPROVED: J. MRAZ — BRANCH CHIEF OF SURVEY
DATE: 23 JUNE 2014

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

OPERATIONS DIVISION
SURVEY SECTION
CSMAR-OP-S

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-102

SHEET 2 OF 2

4154 PROJECT METADATA

(PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING OUTSIDE EDGE OF METADATA ICON)

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: AJD 10006 |
| ELEVATION: 7.45' NAVD 1988 |

| NSRS BENCHMARK |
|---|
| BENCHMARK: V 342 PID (KV0688) |
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