



CHANNEL COORDINATES		
LONG ISLAND LAMBERT (NAD-83, SURVEY FEET)		
ID	EASTING (X)	NORTHING (Y)
A	979726.544	147593.662
B	988987.544	145417.421
C	988850.288	144833.333
D	979589.289	147009.574

RED NUN # 8
EBB
3 DECEMBER 2019

RED #10 W/LIGH & BELL
FLOOD
3 DECEMBER 2019

GREEN CAN # 9
EBB
4 DECEMBER 2019

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 DATA DEPICTED ON THIS MAP IS BASED ON THE 1983 COORDINATES.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 83, LONG ISLAND LAMBERT - ZONE 3104, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER
- MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD83 AS DETERMINED USING DATUM (VIR, 3.51).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 45° 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 GOOGLE EARTH AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RPTN-CAVEN POINT BASE".
- THIS MAP IS CERO AND NOT IN ACCORDANCE WITH ER 1110-2-8160 AND ER 1110-2-6056.

NSRS BENCHMARK	
BENCHMARK: A 342	(PID: KVD693)
ELEVATION: 6.48'	(NAVD89)

LOCAL CONTROL DATA	
BENCHMARK: BM KAISER	
ELEVATION: 5.88'	(NAVD89)

NEW YORK
CONEY ISLAND CH
CONDITION SUR

VH-101

SHEET 1 OF 2



US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

CHANNEL COORDINATES (LONG ISLAND LAMBERT 11NAD-83, SURVEY FEET)		
ID	EASTING (X)	NORTHING (Y)
A	979726.544	147593.662
B	988987.544	145417.421
C	988850.288	144833.333
D	979589.289	147009.574

RED # 6 W/LIGHT
FLOOD
4 DECEMBER 2019

GREEN CAN # 7
FLOOD
4 DECEMBER 2019

GREEN CAN # 5
FLOOD
4 DECEMBER 2019

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.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND LAMBERT - ZONE 1704, 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 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 45° 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 GOOGLE EARTH AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RINCAVEN POINT BASE".
- THIS MAP IS CEIP COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK	
BENCHMARK: A 342 (PID: KY0693)	
ELEVATION: 8.48' (NAVD88)	
LOCAL CONTROL DATA	
BENCHMARK: BM KAISER	
ELEVATION: 5.88' (NAVD88)	

DATES OF SURVEY:
3-4-12 DECEMBER 2019

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1037

FILE NO.: 4886
REQUEST NO.: 8886/N1

DEPARTMENT OF THE ARMY
ENGINEER REGIMENT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

APPROVED: M. APPELO
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APPROVED: J. MGAZ

OPERATIONS DIVISION
SOUNDING TEAM
CERAN-OPS
DATE: 23 DECEMBER 2013

NEW YORK
CONEY ISLAND CHANNEL

CONDITION SURVEY

VH-102

SHEET 2 OF 2