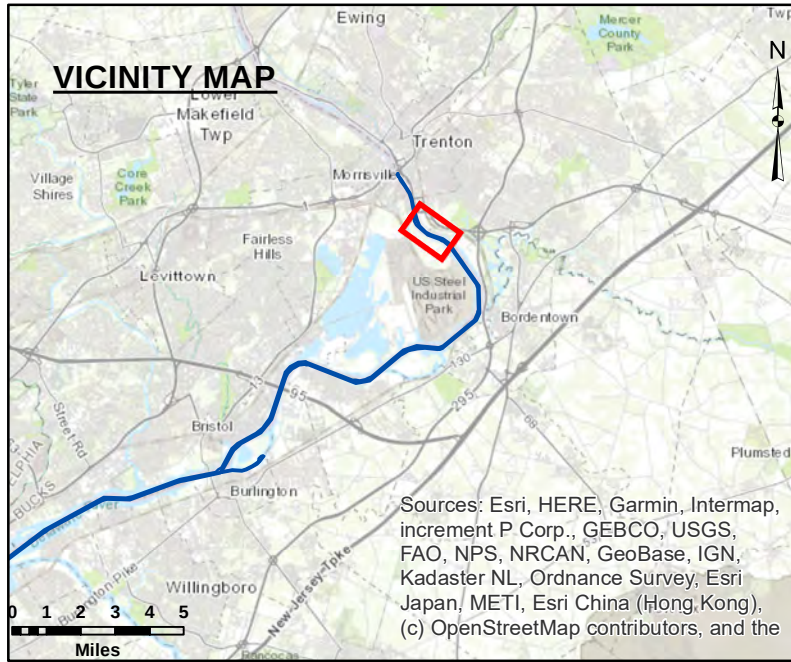
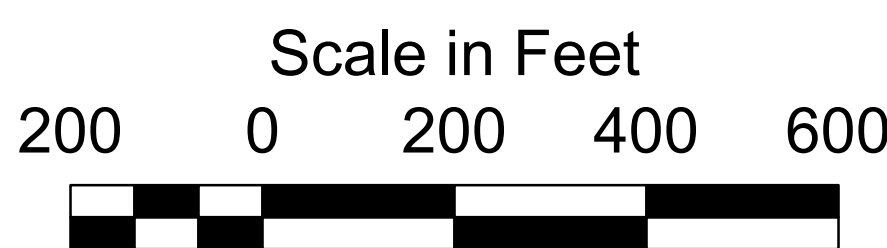




1. THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.
2. HORIZONTAL REFERENCE - NAD 83, NEW JERSEY STATE PLANE, ZONE 2900, U.S. FOOT.
3. VERTICAL REFERENCE - MEAN LOWER LOW WATER, WHICH IS BELOW N.A.V.D. 88 BY THE FOLLOWING:
3.83' from STA. 143+000 to STA. 150+669.12
3.85' from STA. 150+669.12 to STA. 159+535.11
4. GEOID 09 AND NOAA TIDAL EPOCH: 1983 - 2001 WERE USED. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER.

5. CONTOURS WERE GENERATED USING THE MINIMUM DEPTH WITHIN A SEARCH RADIUS OF 18'.
6. HYPACK, INC. SOFTWARE WAS USED TO PERFORM THE SOUNDING SELECTION AND CONTOUR GENERATION.
7. THE INFORMATION DEPICTED ON THIS MAP REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

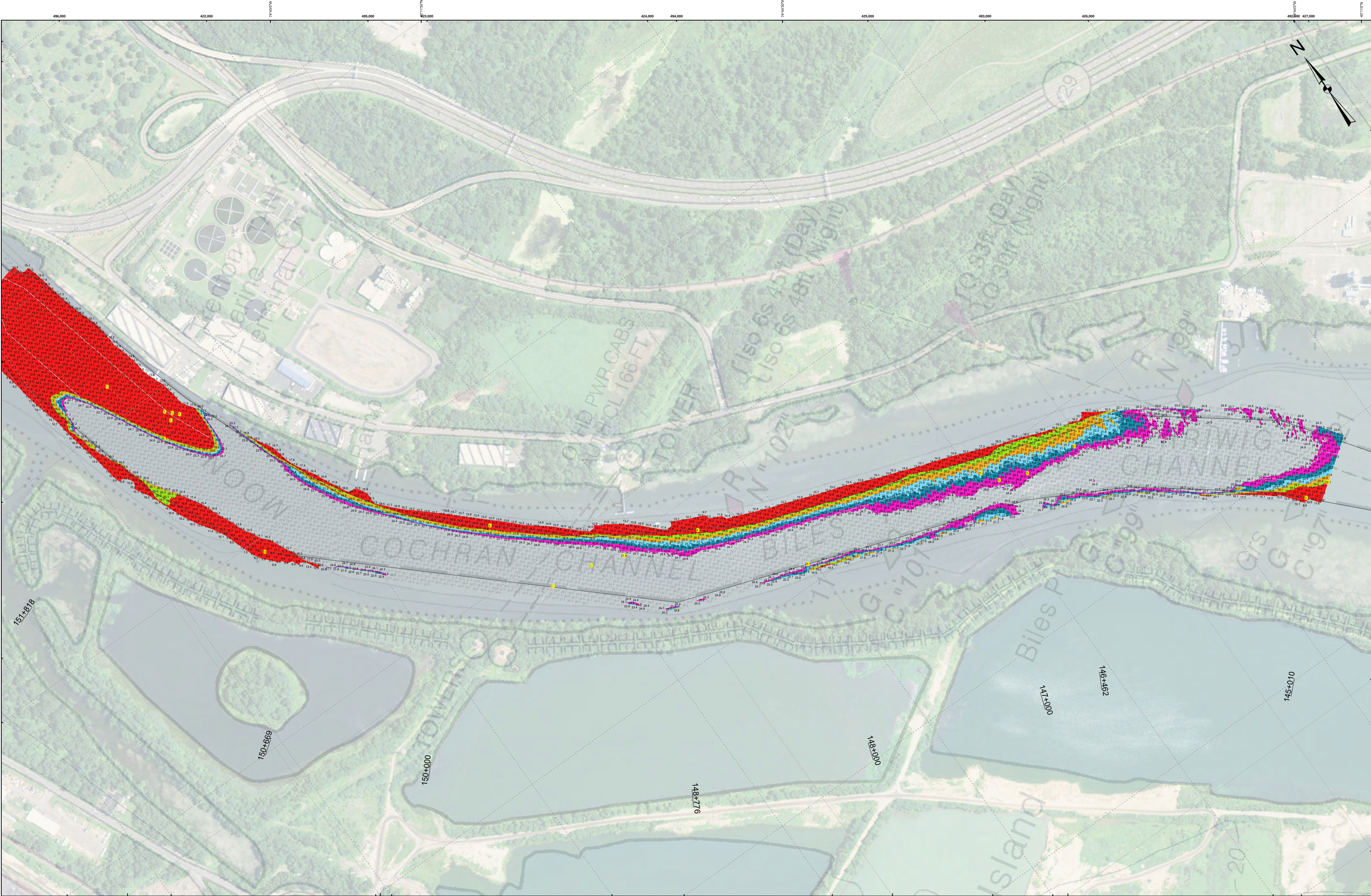


8. THE POSITIONS OF THE AIDS TO NAVIGATION ARE PROVIDED FOR INFORMATION ONLY, AND SHOULD NOT BE USED FOR NAVIGATION.
9. THE LIMITS OF THE FEDERAL CHANNEL DEPICT THE MOST CURRENT CHANNEL FRAMEWORK AVAILABLE WHICH CAN ALSO BE DOWNLOADED HERE:
<http://navigation.usace.army.mil/Survey/Framework>

10. BASE MAPPING LINEWORK OR ORTHOPHOTOGRAPHY HAS BEEN COMPILED FROM A VARIETY OF SOURCES AND DATES AND IS INTENDED TO PORTRAY GENERAL CHARACTERISTICS OF THE SHORELINE AND OTHER FEATURES. TEMPORAL CHANGES MAY HAVE OCCURRED SINCE THIS DATA SET WAS COLLECTED AND SOME PARTS OF THE DATA MAY NO LONGER BE AN ACCURATE REPRESENTATION OF THE SURFACE CONDITIONS.

Legend

- Shoalest Sounding per Quarter
 - CenterLine
 - ToeLine
 - Quarter Lines
 - Station Lines
- | | |
|------------|------------|
| 25 - 50.69 | 12 - 20.24 |
| 24 - 25 | 11 - 12 |
| 23 - 24 | 10 - 11 |
| 22 - 23 | 9 - 10 |
| 21 - 22 | 8 - 9 |
| 20 - 21 | 7 - 8 |
| 5.94 - 20 | 2.82 - 7 |



STA. 145+010 to STA. 146+462 -- 14 JUL. 22
STA. 146+462 to STA. 153+030 -- 18 JUL. 22
STA. 153+030 to STA. 159+033 -- 19 JUL. 22

DISCLAIMER
This data is provided for general information only. It is not intended for use in any legal proceeding or for any other purpose. The data is provided as is, without warranty of any kind, express or implied. The user assumes all responsibility for the use of the data. The data is provided for informational purposes only and should not be used for navigation. The data is provided for informational purposes only and should not be used for navigation. The data is provided for informational purposes only and should not be used for navigation.

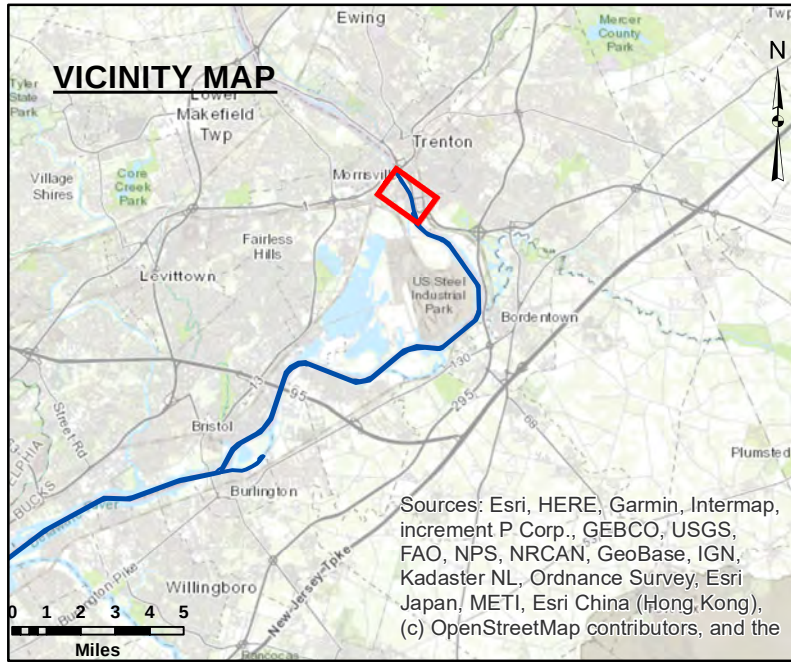
U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

Drawn By: _____
Plot Scale: _____
Approved: _____
Checked By: _____

Surveyed By: _____
Plotted By: _____
E. Mulvaney, S.D. 2022

DELAWARE RIVER, PHILADELPHIA TO TRENTON
PERRIWIG TO BRIDGE
EXAMINATION
STA. 145+010 to STA. 159+535 -- 21 MAY 14

E-PT-64



1. THIS SURVEY MEETS STANDARDS AS OUTLINED IN CORPS OF ENGINEERS' HYDROGRAPHIC SURVEY MANUAL EM1110-2-1003, DATED NOVEMBER 30, 2013 FOR NAVIGATION AND DREDGING SUPPORT SURVEYS.
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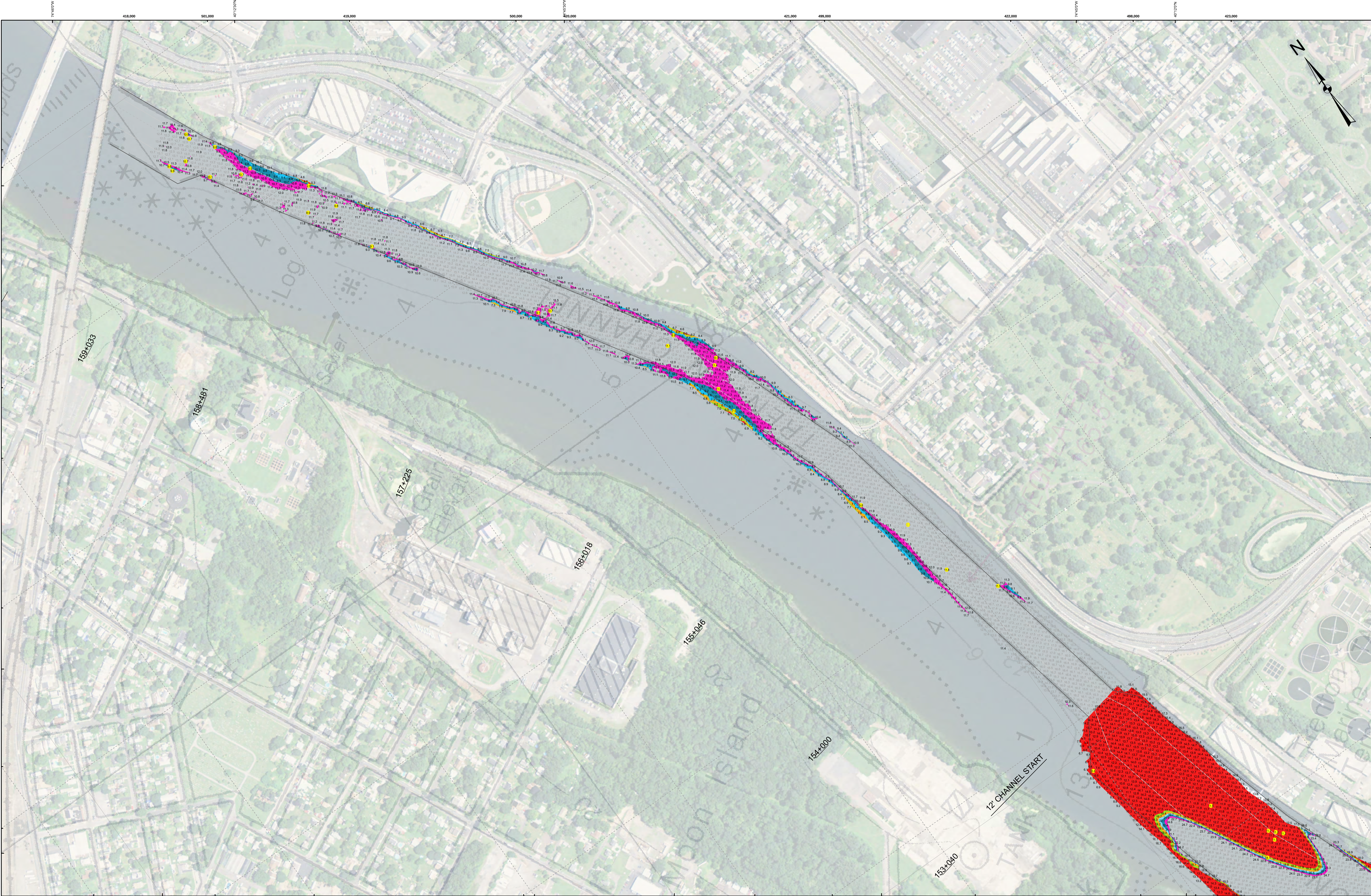


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Legend

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U.S. ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

Drawn By: _____
Pilot Scale: _____
Checked By: _____
E. Mulvaney, S.D. 04/20/20

DELAWARE RIVER, PHILADELPHIA TO TRENTON
PERRIWIG TO BRIDGE
EXAMINATION
STA. 145+010 to STA. 159+535 -- 21 MAY 14