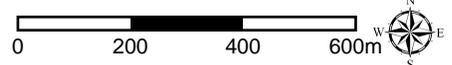


Site Location

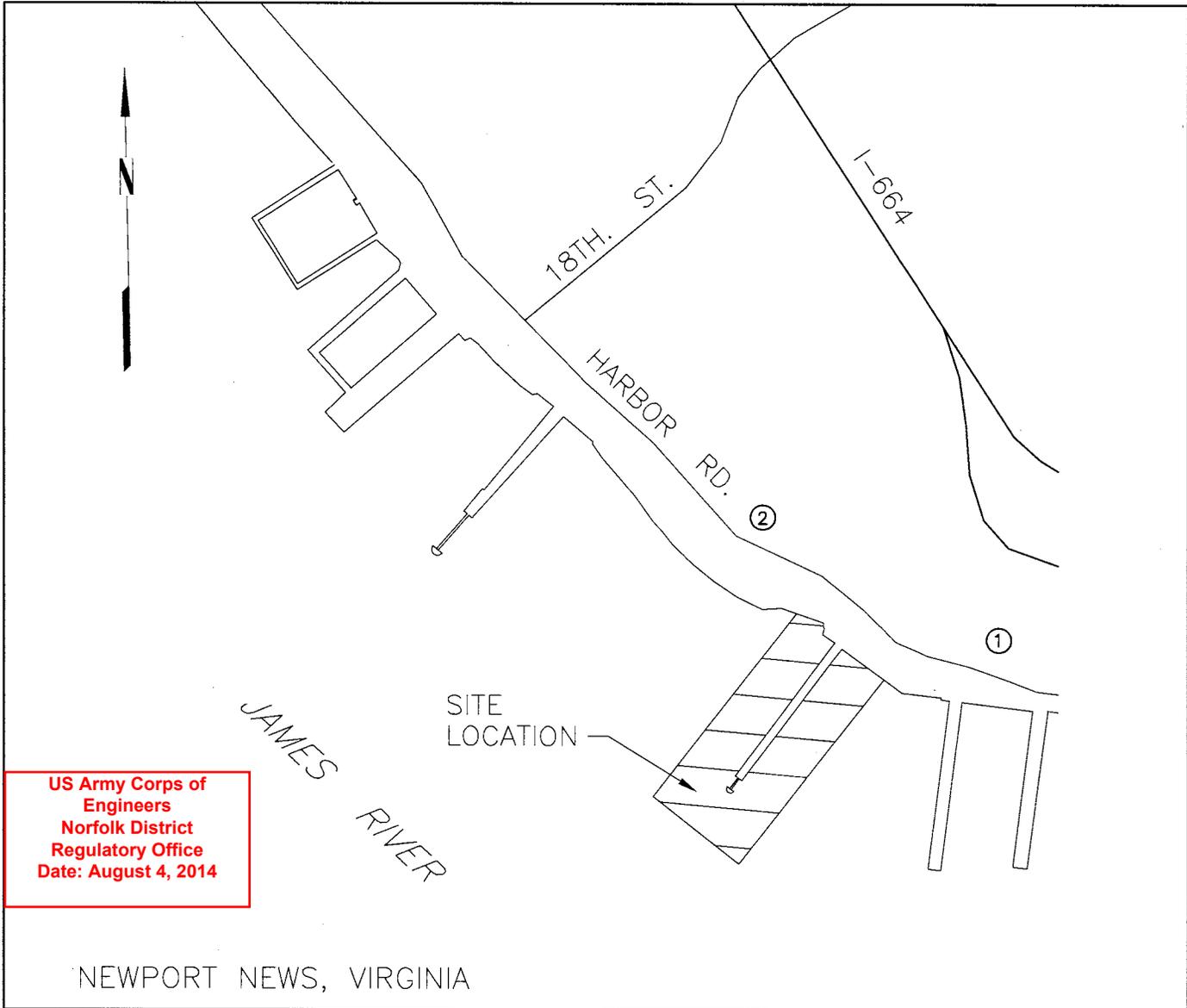


Developed By: Geospatial Section
USACE Norfolk District
Via CorpsMap:
<https://corpsmap.usace.army.mil/nao>
Email: geospatial@usace.army.mil



Date Printed: 10.01.2014

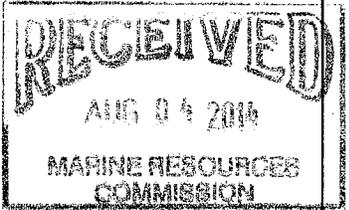
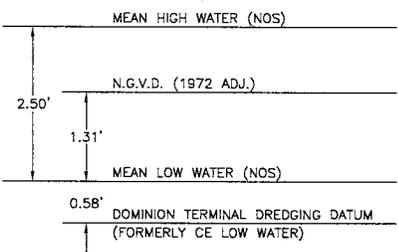
Map Scale: 1:13352



NOTES:

1. SOUNDINGS WERE TAKEN USING A RECORDING FATHOMETER OPERATING AT 208KHz ON APRIL 25, 2014.
2. SOUNDINGS ARE IN FEET REFERRED TO DOMINION TERMINAL DREDGING DATUM (FORMERLY CE LOW WATER) WHICH IS 0.58' BELOW MEAN LOW WATER AS ESTABLISHED BY THE NATIONAL OCEAN SERVICE (NOS).
3. BENCH MARK IS LOCATED ON THE BULKHEAD APPROXIMATELY 102' NORTH OF CONCRETE PIER, ELEV.= 6.93' ABOVE DTA DATUM.
4. COORDINATES ARE IN FEET REFERRED TO VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83.
5. PROJECT DEPTHS SHOWN: -55.6'

DIAGRAM OF DATUM PLANE



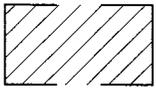
PURPOSE: MAINTENANCE DREDGING
 DATUM: N.O.S. MLW=+0.58'
 ADJACENT PROPERTY OWNERS:
 ① CSX TRANSPORTATION
 ② PIER IX TERMINAL CORP.

LOCATION MAP
 PREPARED BY:
Waterway
 Surveys & Engineering, Ltd.
 Virginia Beach, Virginia

PROPOSED MAINTENANCE DREDGING
 IN: JAMES RIVER
 CITY: NEWPORT NEWS STATE: VIRGINIA
 APPLICATION BY: DOMINION TERMINAL ASSOCIATES
 SCALE: N.T.S. DATE: JUNE 10, 2014
 SHEET 1 OF 3

NOTE:

MHW & MLW ARE OUTSIDE THE DREDGING AREA.



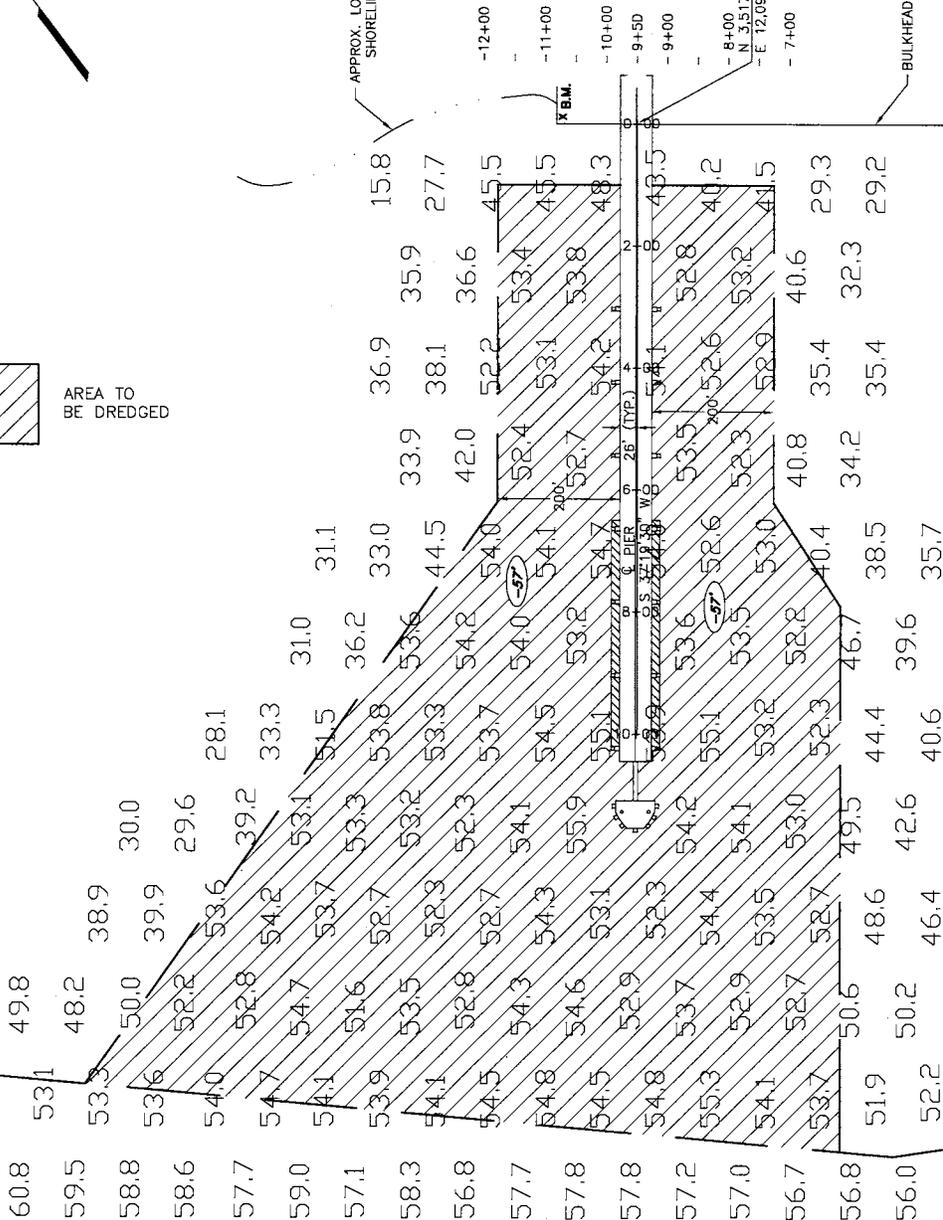
AREA TO BE DREDGED

APPROX. LOCATION SHORELINE

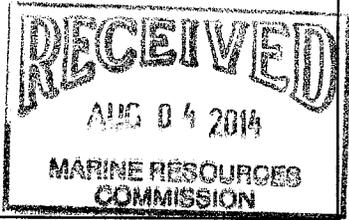
DOMINION TERMINAL ASSOCIATES

-8+00 N. 3,517,407.73
-E 12,090,030.88

BULKHEAD



JAMES RIVER



PURPOSE: MAINTENANCE DREDGING
DATUM: N.O.S. MLW=+0.58'

ADJACENT PROPERTY OWNERS:

- ① CSX TRANSPORTATION
- ② PIER IX TERMINAL CORP.

PLAN VIEW

PREPARED BY:

Waterway

Surveys & Engineering, Ltd.
Virginia Beach, Virginia

PROPOSED MAINTENANCE DREDGING

IN: JAMES RIVER

CITY: NEWPORT NEWS

STATE: VIRGINIA

APPLICATION BY: DOMINION TERMINAL ASSOCIATES

SCALE: 1"=300'

DATE: JULY 30, 2014

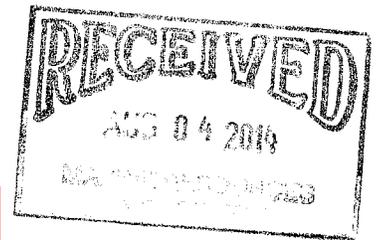
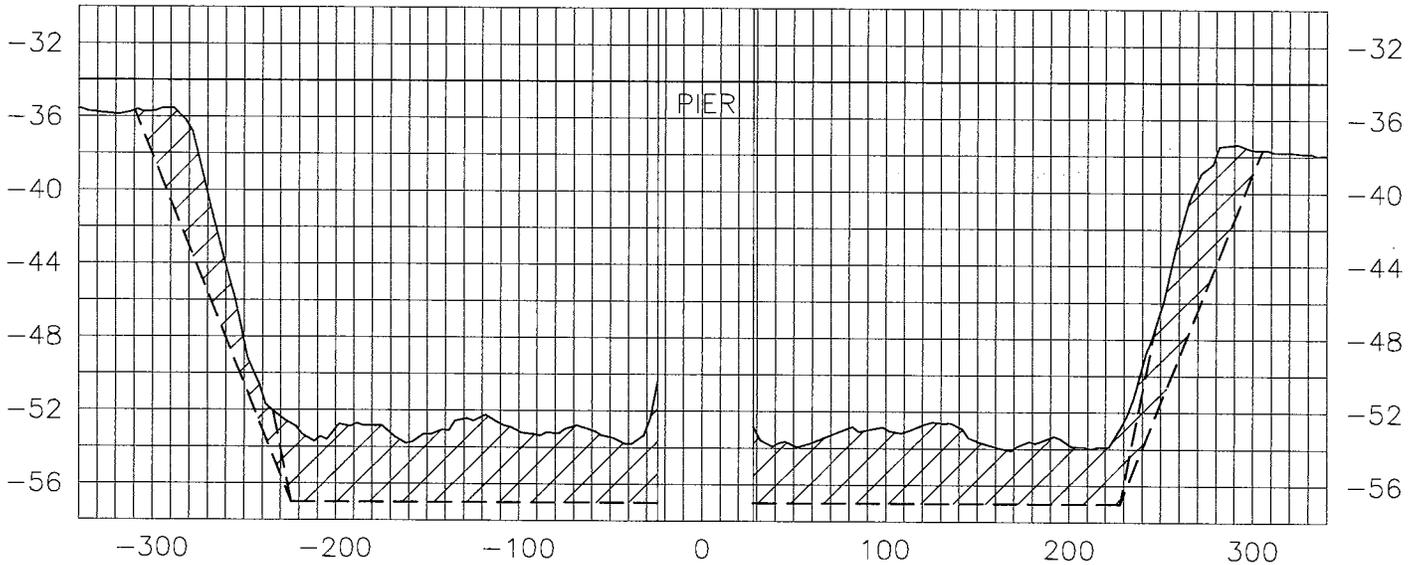
SHEET 2 OF 3

US Army Corps of Engineers
Norfolk District
Regulatory Office
Date: August 4, 2014

NOTE:

MHW & MLW ARE OUTSIDE
THE DREDGING AREA.

4+00



**US Army Corps of
Engineers
Norfolk District
Regulatory Office
Date: August 4, 2014**

SCALE:
HOR: 1"=100'
VERT: 1"=10'

PURPOSE: MAINTENANCE DREDGING
DATUM: N.O.S. MLW=+0.58'
ADJACENT PROPERTY OWNERS:
① CSX TRANSPORTATION
② PIER IX TERMINAL CORP.

CROSS SECTION
PREPARED BY:
Waterway
Surveys & Engineering, Ltd.
Virginia Beach, Virginia

PROPOSED MAINTENANCE DREDGING
IN: JAMES RIVER
CITY: NEWPORT NEWS STATE: VIRGINIA
APPLICATION BY: DOMINION TERMINAL ASSOCIATES
SCALE: AS SHOWN DATE: JULY 30, 2014
SHEET 3 OF 3