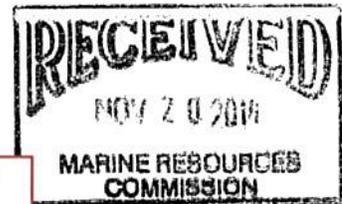


NOTES:

1. SOUNDINGS WERE TAKEN USING A RECORDING FATHOMETER OPERATING AT 208KHz ON OCTOBER 14, 2012 AND DECEMBER 18, 2013.
2. SOUNDINGS ARE IN FEET AND ARE REFERRED MEAN LOWER LOW WATER (MLLW) N.O.S.
3. BENCH MARK IS CORPS OF ENGINEERS DISC LOCATED BETWEEN THE SHERATON HOTEL AND DOMINION TOWERS. STAMPED "TOWER, 1991". ELEV.= 10.17' ABOVE NOS MLLW. TIDAL EPOCH 1983-2001.
4. COORDINATES ARE IN FEET REFERRED TO THE VIRGINIA STATE GRID (SOUTH ZONE) BASED ON NAD83.



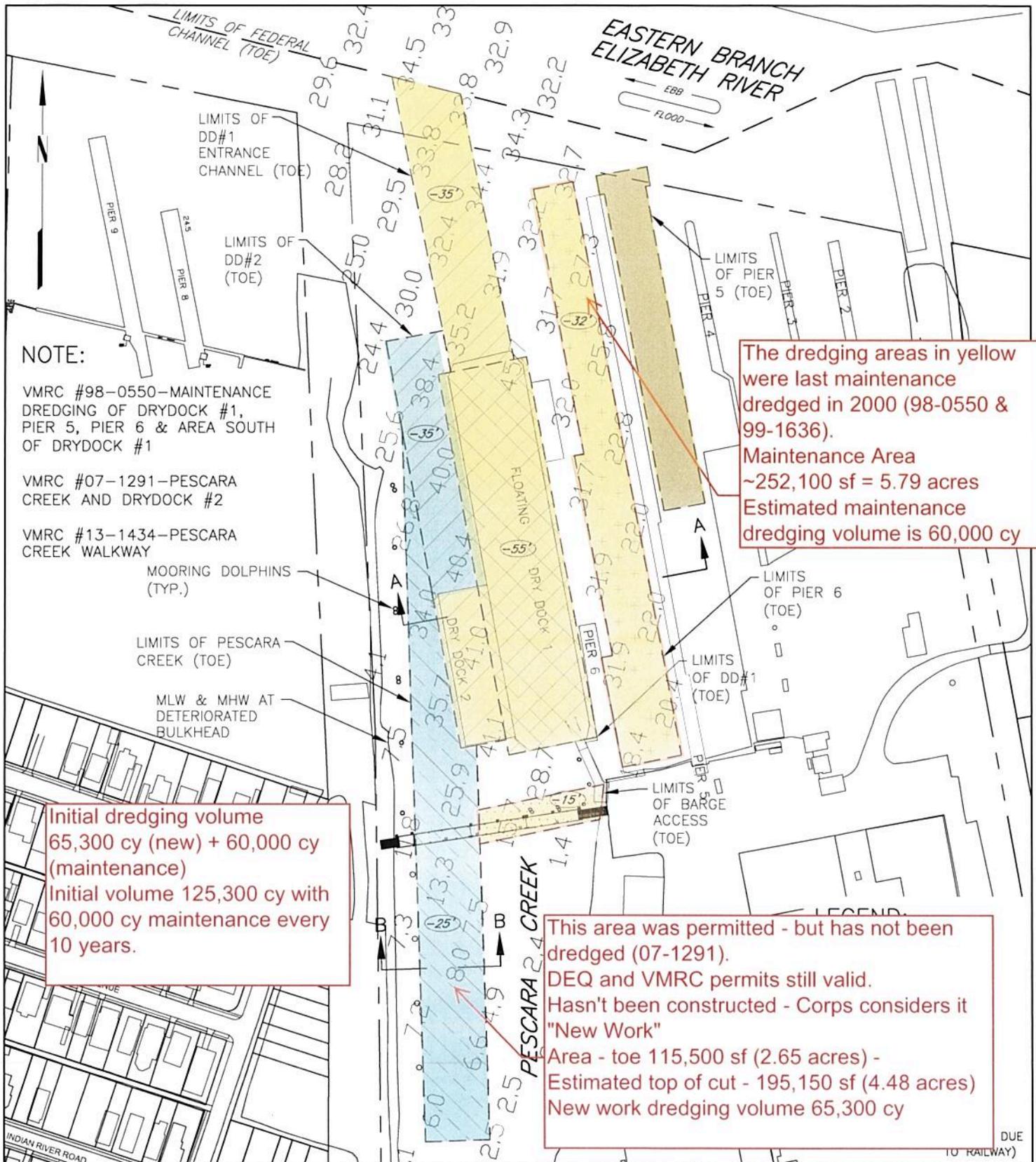
**US Army Corps of
Engineers**
**Norfolk District
Regulatory Office**
Received by BCD
Date: November 24, 2014

PURPOSE: PRIVATE
 DATUM: N.O.S. MLLW=0.0'
 ADJACENT PROPERTY OWNERS:
 ① NORFOLK TUG
 ② NORFOLK & SOUTHERN
 ③ KINDER MORGAN

LOCATION MAP

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

PROPOSED DREDGING
 IN: EASTERN BRANCH ELIZABETH RIVER
 CITY: NORFOLK STATE: VIRGINIA
 APPLICATION BY: COLONNA SHIPYARD
 SCALE: 1"=1000' DATE: NOV. 6, 2014
 SHEET 1 OF 4

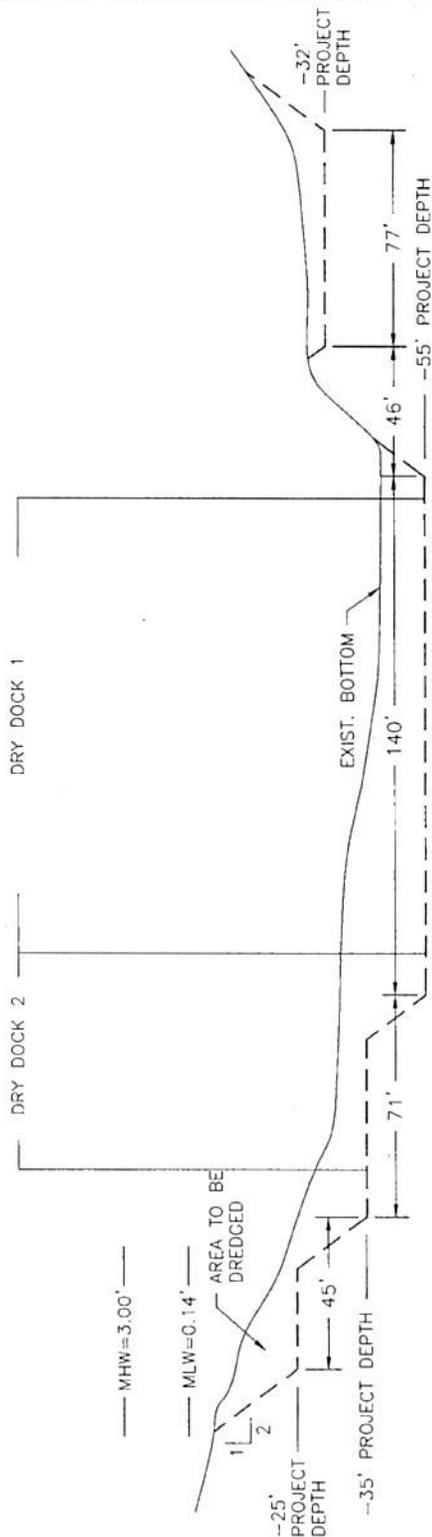


PURPOSE: PRIVATE
 DATUM: N.O.S. MLLW=0.0'
 ADJACENT PROPERTY OWNERS:
 ① NORFOLK TUG
 ② NORFOLK & SOUTHERN
 ③ KINDER MORGAN

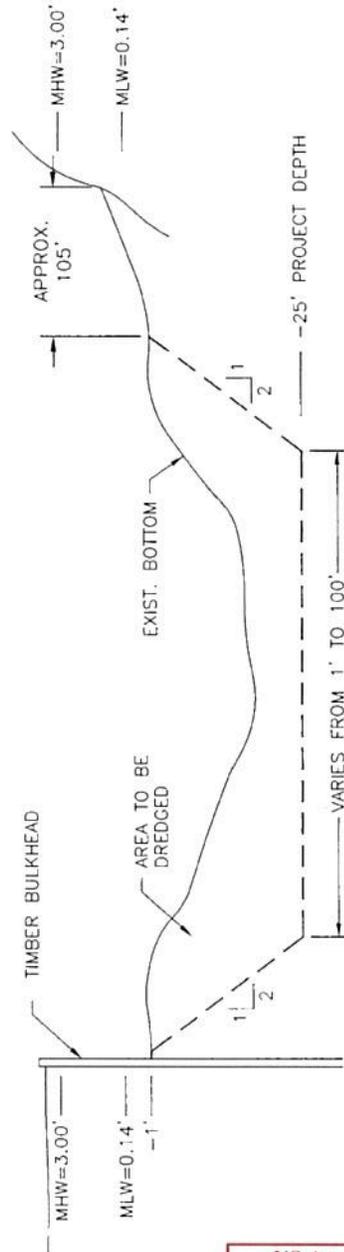
PLAN VIEW

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

PROPOSED DREDGING
 IN: EASTERN BRANCH ELIZABETH RIVER
 CITY: NORFOLK STATE: VIRGINIA
 APPLICATION BY: COLONNA SHIPYARD
 SCALE: 1"=200' DATE: NOV. 6, 2014
 SHEET 2 OF 4



SECTION A-A
(NOT TO SCALE)



SECTION B-B
(NOT TO SCALE)

US Army Corps of
Engineers
Norfolk District
Regulatory Office
Received by BCD
Date: November 24, 2014

PURPOSE: PRIVATE
DATUM: N.O.S. MLLW=0.0'

ADJACENT PROPERTY OWNERS:

- ① NORFOLK TUG
- ② NORFOLK & SOUTHERN
- ③ KINDER MORGAN

SECTIONS

PREPARED BY:

Waterway
Surveys & Engineering, Ltd.
Virginia Beach, Virginia

PROPOSED DREDGING

IN: EASTERN BRANCH ELIZABETH RIVER

CITY: NORFOLK

STATE: VIRGINIA

APPLICATION BY: COLONNA SHIPYARD

SCALE: N.T.S.

DATE: NOV. 6, 2014

SHEET 4 OF 4

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