NC State Ports Variance Request
April 17, 2019

Site Location
Site Location

Eagle Island

Cape Fear River

NCSPA
Eagle Island

Cape Fear River
Existing Turning Basin

Site Location

NCSPA

N
PORT OF WILMINGTON - TURNING BASIN EXPANSION

NCSPA

KINDER MORGAN TANK FARM

NCSPA

EAGLE ISLAND

FEDERAL CHANNEL
42’ AUTHORIZED PROJECT DEPTH

1400’

1524’
Approximate area of wetland impacts

Chevron Pier to be removed

VIEW OF PROJECT SITE FACING EAST
DCM AERIAL PHOTOGRAPHY OCTOBER 8, 2015
Proposed Multi-Use Terminal Site

Chevron Pier to be removed

VIEW OF PROJECT SITE FACING EAST
DCM AERIAL PHOTOGRAPHY MARCH 30, 2017
VIEW OF PROJECT SITE FACING EAST
DCM AERIAL PHOTOGRAPHY JULY 19, 2018
VIEW OF PROJECT SITE FACING WEST
DCM AERIAL PHOTOGRAPHY JANUARY 29, 2013

Cape Fear River
Turning Basin – prior to 2016 expansion

Site Location

NCSPA
VIEW OF PROJECT SITE FACING SOUTH
DCM PHOTOGRAPHY AUGUST 24, 2015
NOTES:
1. HYPOTHETIC HEIGHTS BASED ON USBCE SURVEY DATE JANUARY 2017.
2. EXISTING FEDERAL CHANNEL AUTHORIZED DREDGE DEPTH = 42 MILL.
3. ELEVATIONS ARE IN FEET BASED ON MILLIWAH.
4. COORDINATES BASED ON NORTH CAROLINA STATE PLANE NORTH AMERICAN DATING 1983 (NA 83).

PROPOSED DREDGING TO EL = 42 MILL PLUS OVER DEPTH, APPX. 370,000 CY
PROPOSED DREDGING ABOVE = 6 MILL, VTP
PROPOSED DREDGING OF 404 WETLAND, VTP
PROPOSED DREDGING OF COASTAL WETLAND, VTP
PROPOSED DREDGING COASTAL WETLAND LIMIT, VTP
APPROXIMATE TOP OF PROPOSED SLOPE, VTP
APPROXIMATE TOP OF PROPOSED SLOPE, VTP
APPROXIMATE 404 WETLAND LIMITS AND ALSO BEING THE NORMAL HIGH WATER LINE, VTP
EXISTING MOUTH TO BE REMOVED
EXISTING DEPTHS TO REMAIN
EXISTING DEPTHS TO REMAIN
NORTH CAROLINA STATE PORTS AUTHORITY
WILMINGTON TERMINAL
TURNING BASIN EXPANSION
DATE: OCTOBER 2018
PREPARED FOR: NORTH CAROLINA STATE PORTS AUTHORITY
PREPARED BY: MOFFATT & NICHOL
Site Location
NCSPA
Proposed Brunswick River Mitigation Site
Figure 3. Proposed Existing *Phragmites* Dominated Wetland to be Enhanced to Coastal Marsh
Figure 1. Location of Lock and Dams 1, 2, and 3 along the Cape Fear River, North Carolina.