



# Pearce Creek Dredged Material Containment Facility (DMCF)

## Guidelines for Vegetation Management

Presented by Kristen Keene  
Maryland Environmental Service  
on behalf of the Maryland Port Administration

July 24, 2015

# Objectives

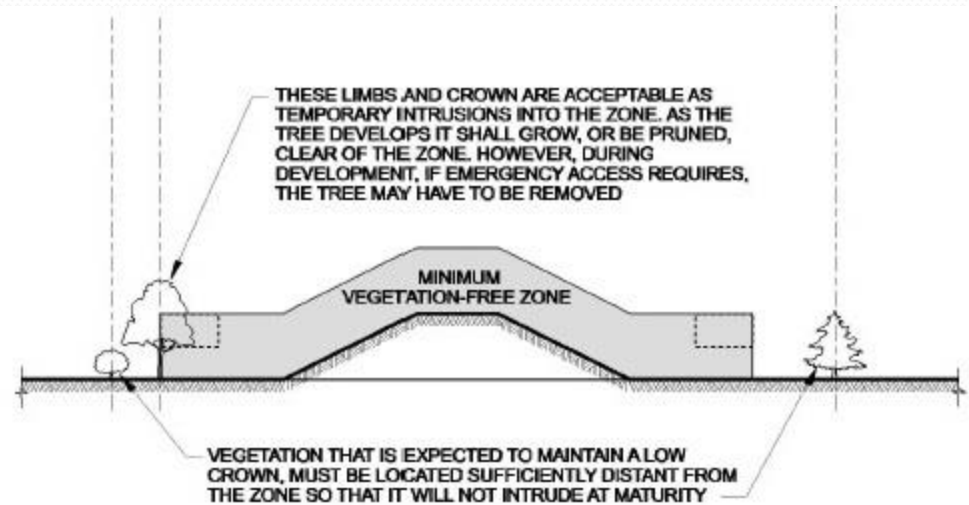
- Federal landscaping guidelines
- Community planting requests
- Vegetation examples at other DMCF sites
  - Hart-Miller Island
  - Masonville
  - Cox Creek
  - Poplar Island

# Vegetation Management

- Allow proper inspection, surveillance, and monitoring of all structures and adjacent areas.
- Allow access for operations and maintenance activities.
- Prevent potential plant- and animal-induced damage to structures.
- Allow full design and discharge capability of spillways and channels.

# Vegetation-Free Zone

- Provides the minimum acceptable buffer between vegetation and berm structure.
- Any planted vegetation must be located a sufficient distance from the vegetation-free zone so as to not intrude upon maturity.



b. NEWLY PLANTED TREES AND SHRUB

NOTE: THE MIRROR IMAGE OF THIS FIGURE WOULD BE EQUALLY CORRECT, REGARDLESS OF WHICH SIDE IS THE RIVERSIDE

Area of requested planting along Pond Neck Road.

The yellow line begins at the entrance to the DMCF and ends adjacent to 1350 Pond Neck Road.

1350 Pond Neck Rd

© SPOT IMAGE

© 2015 Google

Google earth

1995

Imagery Date: 5/25/2013 39°25'30.50" N 75°59'29.06" W elev 41 ft eye alt 1715 ft

**GRAPHIC SCALE**



( AS SHOWN )  
1 inch = 100 ft

N 84°28'00" E 159'7.350'



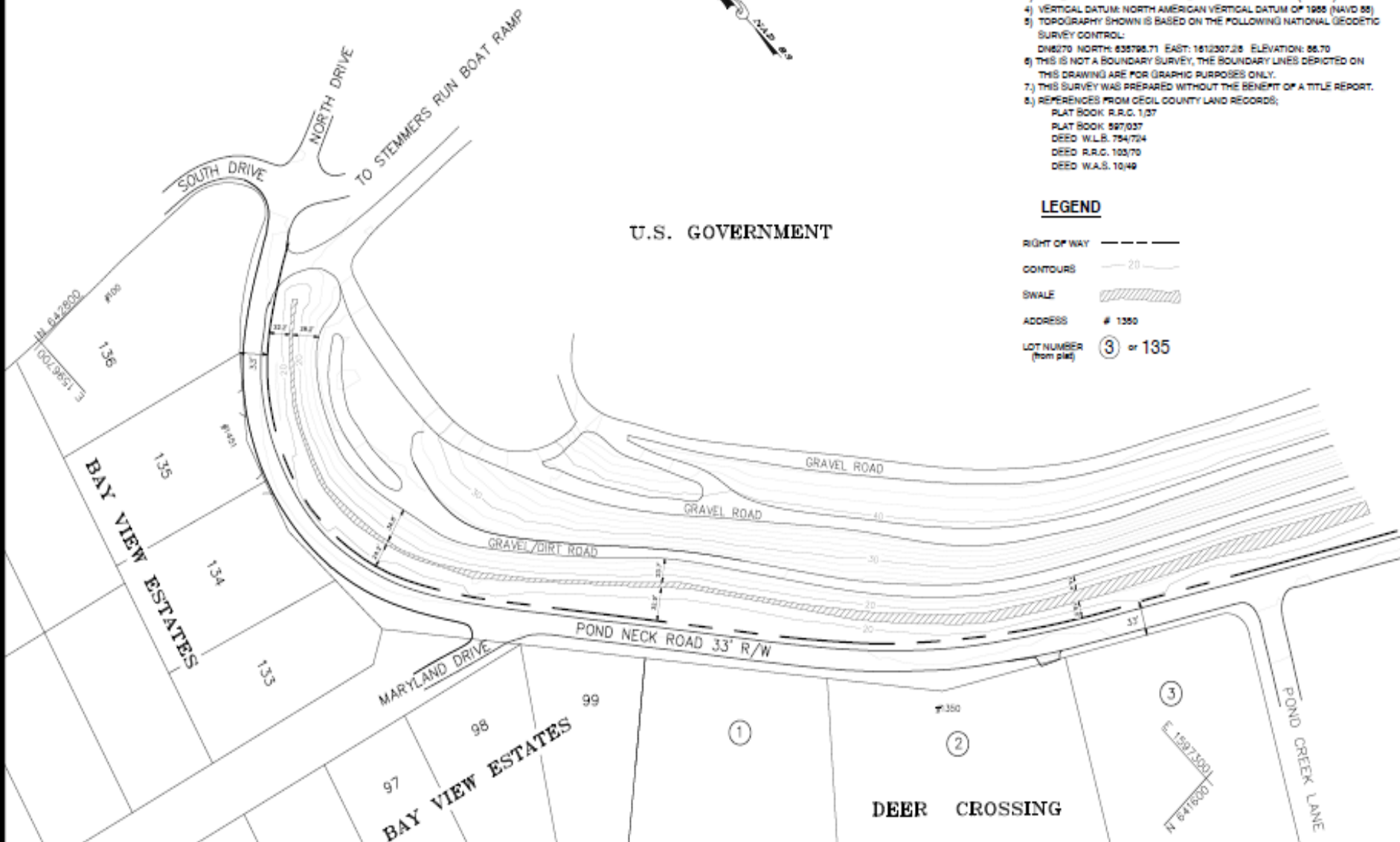
**NOTES**

- 1) THE TOPOGRAPHY SHOWN IS BASED ON SURVEY FIELD DATA GATHERED BY M.E.S. MAY AND JUNE 2015.
- 2) CONTOUR INTERVAL: 2.0'
- 3) HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD 83)
- 4) VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
- 5) TOPOGRAPHY SHOWN IS BASED ON THE FOLLOWING NATIONAL GEODETIC SURVEY CONTROL:  
DN8270 NORTH: 635795.71 EAST: 1612307.28 ELEVATION: 86.70
- 6) THIS IS NOT A BOUNDARY SURVEY, THE BOUNDARY LINES DEPICTED ON THIS DRAWING ARE FOR GRAPHIC PURPOSES ONLY.
- 7) THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
- 8) REFERENCES FROM CECIL COUNTY LAND RECORDS:  
PLAT BOOK R.R.G. 1/37  
PLAT BOOK 597/037  
DEED W.L.B. 754/724  
DEED R.R.G. 103/70  
DEED W.A.S. 10/49

**LEGEND**

- RIGHT OF WAY ————
- CONTOURS ———— 20 ————
- SWALE
- ADDRESS # 1350
- LOT NUMBER (from plat) ③ or 135

U.S. GOVERNMENT



**REVISIONS**




**MARYLAND ENVIRONMENTAL SERVICE**

DRAWN BY WCP, DSF  
 SURVEYED BY DPJ, AEK, DMS  
 CHECKED BY DSF  
 DATE JULY 20, 2015

**POND NECK ROAD TOPOGRAPHIC SURVEY**

**PEARCE CREEK DMCF**

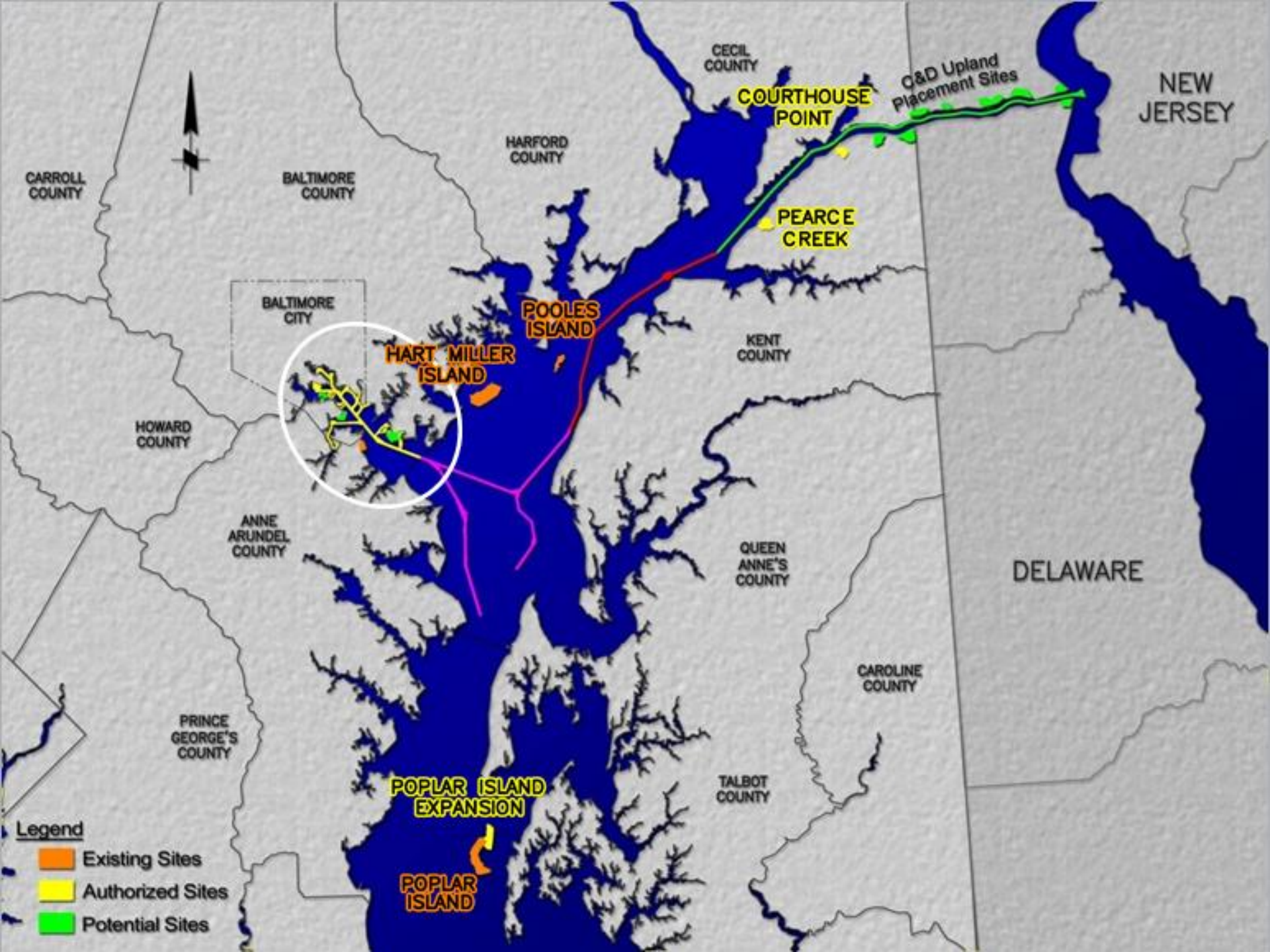
CECIL COUNTY, MARYLAND

PROJECT NO.

SCALE: 1" = 100'

SHEET 1 OF 1

DRAWING NO.



CARROLL COUNTY

BALTIMORE COUNTY

HARFORD COUNTY

CECIL COUNTY

NEW JERSEY



COURTHOUSE POINT

G&D Upland Placement Sites

PEARCE CREEK

BALTIMORE CITY

POOLES ISLAND

KENT COUNTY

HOWARD COUNTY

HART MILLER ISLAND

ANNE ARUNDEL COUNTY

QUEEN ANNE'S COUNTY

DELAWARE

CAROLINE COUNTY

PRINCE GEORGE'S COUNTY

POPLAR ISLAND EXPANSION

TALBOT COUNTY

**Legend**

- Existing Sites
- Authorized Sites
- Potential Sites

POPLAR ISLAND

# HART MILLER ISLAND

SEPTEMBER 14, 2013 AEROMETRIC





# Hart-Miller Island DMCF

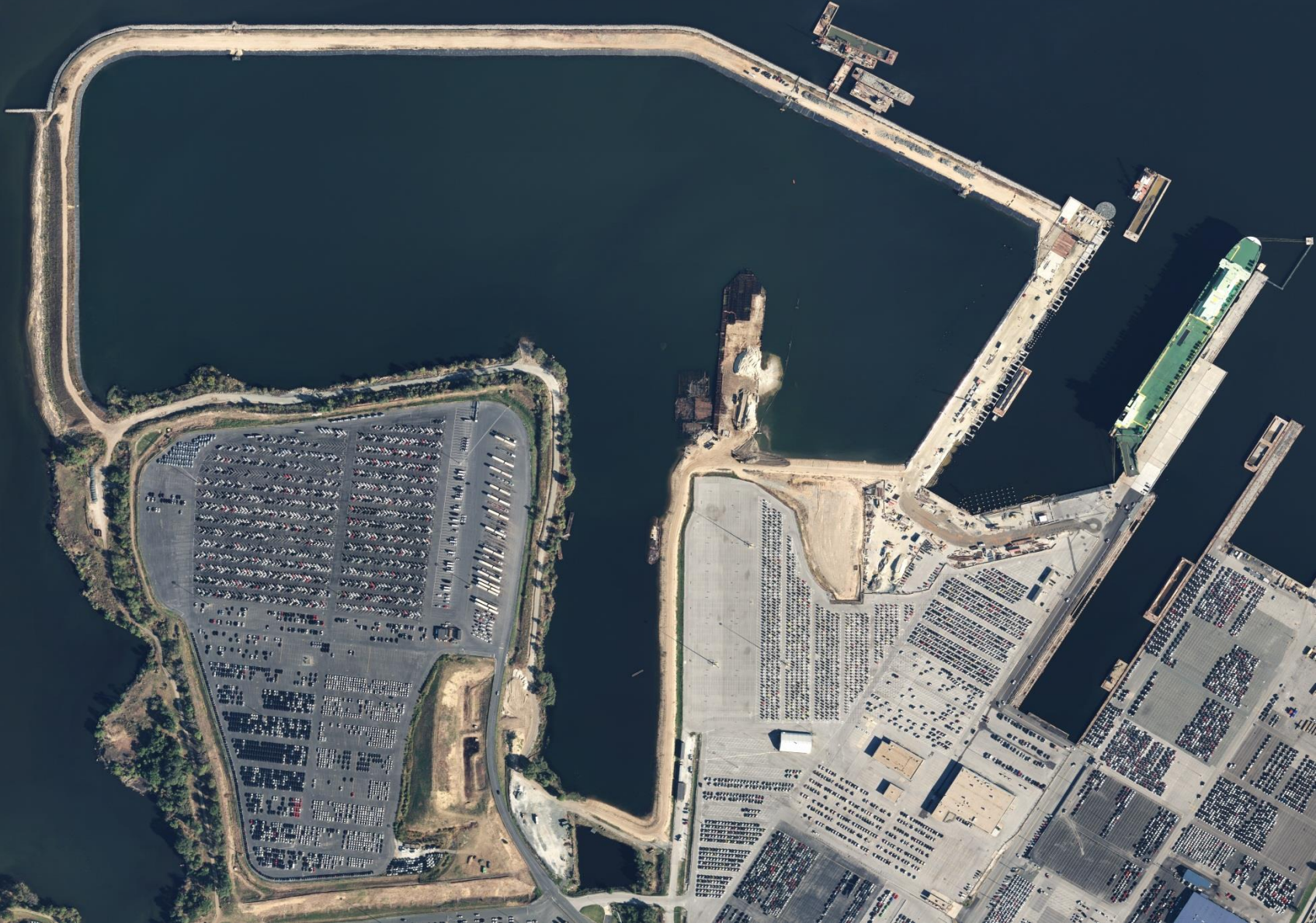
North Cell – Top of Berm



North Cell – Outside of Berm



# Masonville DMCF



# Masonville DMCF



Top of Dike



Bottom of Dike



Cox Creek  
DMCF  
August 2011

# Cox Creek DMCF





# Poplar Island



**PAUL S. SARBANES ECOSYSTEM  
RESTORATION PROJECT AT POPLAR ISLAND  
SEPTEMBER 2013**



# Poplar Island

**Newly Planted Berm  
Vegetation**



**Mature Berm  
Vegetation**





Questions?