

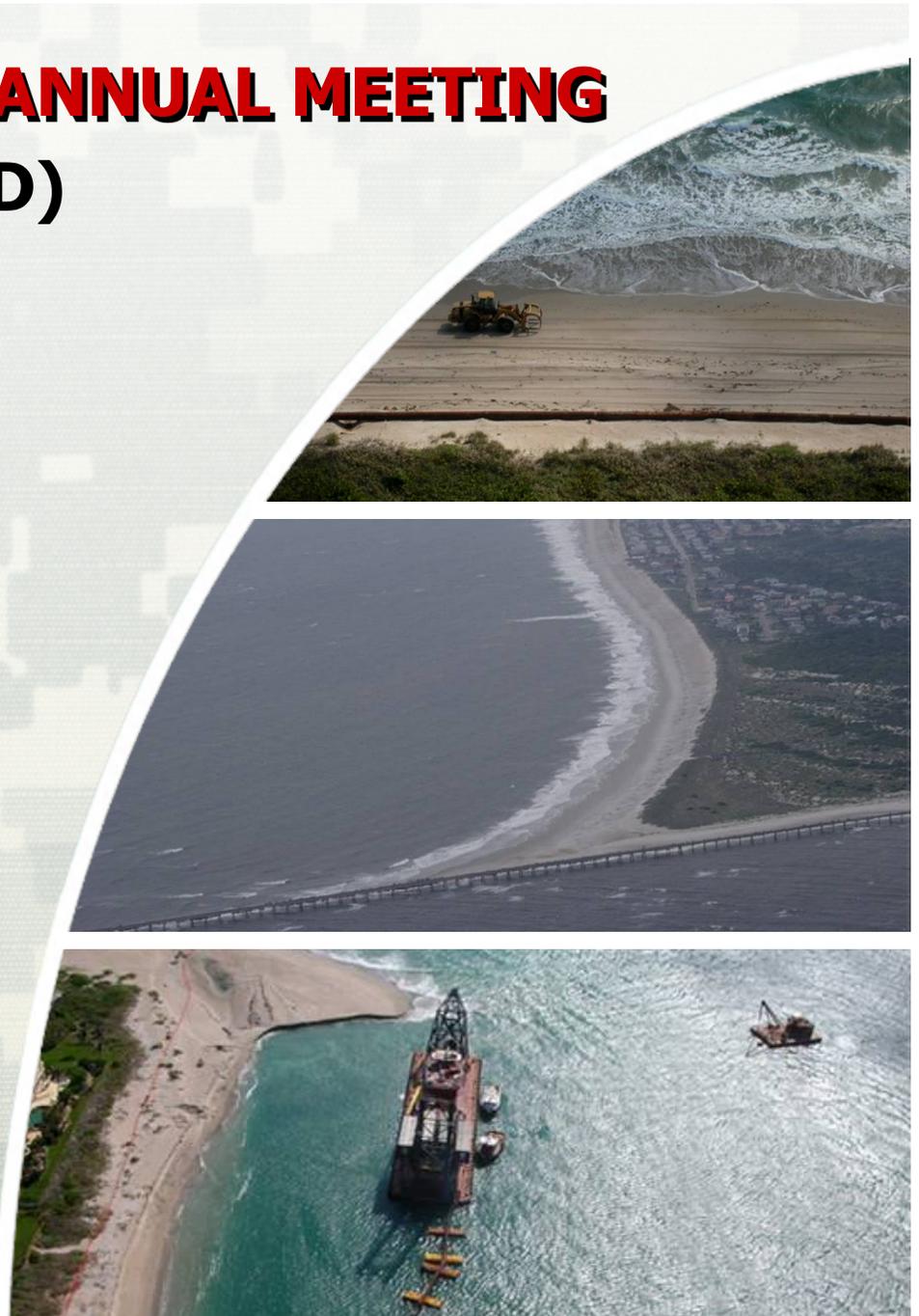
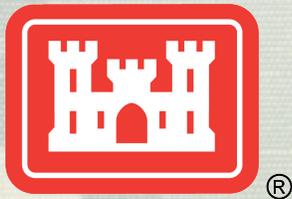
# **WEDA EASTERN CHAPTER ANNUAL MEETING**

## **North Atlantic Division(NAD)**

### **Philadelphia District (NAP)**

Ryan J. Moore  
Project Engineer, Navigation Branch  
Operations Division  
Philadelphia District

16 October, 2013



# Overview of NAP FY 14 Dredging Jobs

Philadelphia District Office

Delaware River Deepening  
Reaches A & AA; CG

Philadelphia to the Sea, Delaware  
River; O&M

Wilmington Harbor, DE; O&M  
(2 Contracts)

C&D Canal Approach Channels  
MD, DE; O&M

Delaware River Deepening  
Reach E, ; CG



Manasquan Inlet to Barnegat  
Inlet, NJ; PPMD

Barnegat Inlet to Little Egg  
Harbor Inlet (Long Beach  
Island) NJ; PPMD

Absecon Island (Margate &  
Longport), NJ; PPMD

Oakwood Beach, NJ; PPMD

Great Egg Harbor Inlet to  
Townsend's Inlet, NJ; PPMD



# FY-14 Schedule

Project	Dredge Type	Quantity	Placement	SB?	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Philadelphia to the Sea	Pipeline	1.4M CY	Upland	No				
Wilmington Harbor (2 FY 14 Contracts)	Pipeline	500K CY	Upland	No				
C&D Canal Approach Channels	Bucket/Pipeline	700K CY	Upland	No				
DE River Deepening- Reach A	Hopper/Pipeline/Bucket	410K CY	Upland	No				
DE River Deepening- Reach AA	Hopper/Pipeline/Bucket	700K CY	Upland	No				
DE River Deepening- Reach E - Broadkill Beach	Hopper/Pipeline/Bucket	1.8M CY	Upland/ Beach	No				
Barnegat to Little Egg Inlet	Hopper/Pipeline	7.8 MCY	Beach	No				
Great Egg to Townsend Inlet	Hopper/Pipeline	4.0M CY	Beach	No				
Absecon-Margate/Longport	Hopper/Pipeline	2.0M CY	Beach	No				
Oakwood Beach, NJ	Hopper/Pipeline	350K CY	Beach	No				
Manesquan to Barnegat, NJ	Hopper/Pipeline	10.7M CY	Beach	No				



# FY-14 through FY-18

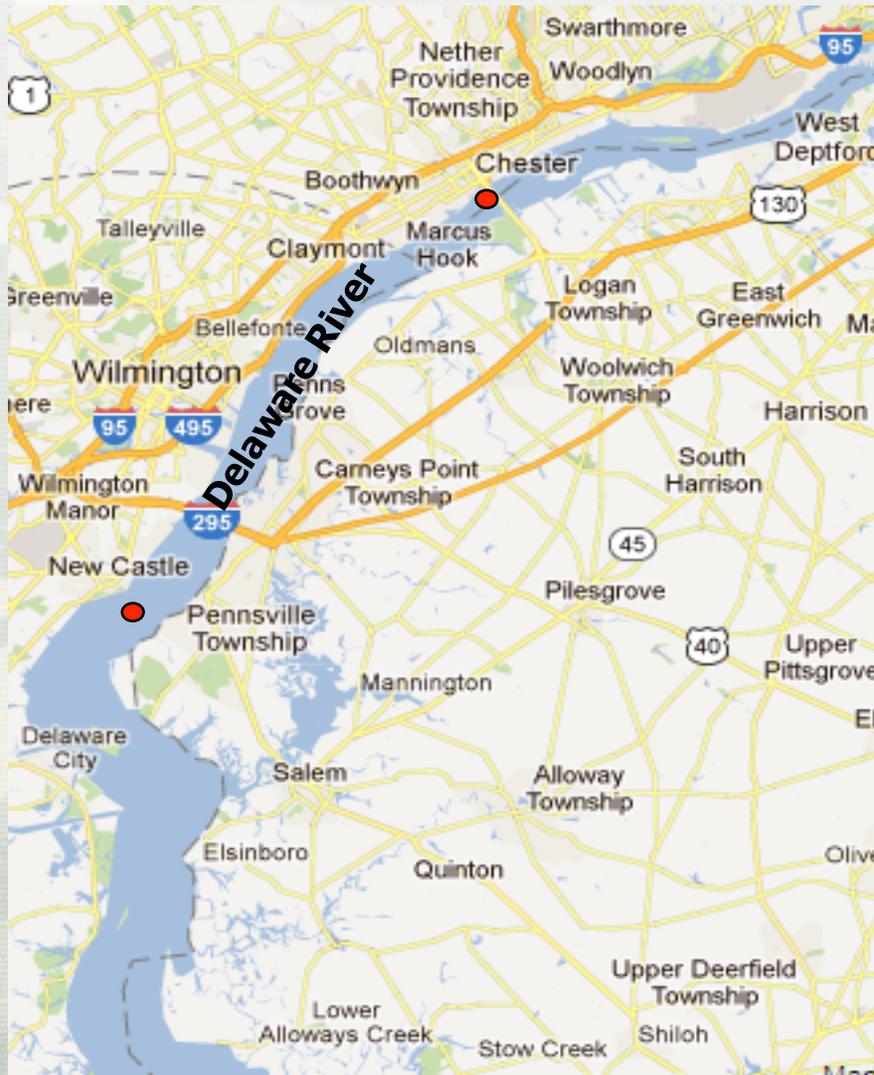
	FY-14				FY-15				FY-16				FY-17				FY-18			
Project	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Philadelphia to the Sea				█	█			█	█			█	█			█	█			█
Wilmington Harbor		█		█				█				█				█				█
Philadelphia to Trenton									█								█			
C&D Canal Proper								█												
C&D Canal Approach Channels				█				█				█				█				█
DE River Deepening- Reach A		█																		
DE River Deepening- Reach AA				█	█	█														
DE River Deepening- Reach E			█	█	█	█	█													
DE River Deepening - Rock								█	█											
DE River Deepening - Reach B												█	█	█						
DE River Deepening - Upper Reach E															█	█	█			
NJIWW								█	█						█	█	█			
Barnegat to Little Egg Inlet			█	█	█	█														
Great Egg to Townsend Inlet		█	█	█																
Absecon-Margate/Longport		█	█																	
Oakwood Beach, NJ		█																		
Manesquan to Barnegat, NJ			█	█	█	█	█	█												



# Project Data Sheets



# Philadelphia to the Sea (Maintenance)



**Location:** Delaware River

**Dredge Type:** Hydraulic

**Placement:** Upland – Pedricktown & Killcohook

**Quantity:** 1.4 million cy.

**Depth:** 42-45' + 1' allowable overdepth

**Bus. Type:** Unrestricted

**Issue IFB:** June 2014

**Receive IFB:** July 2014

**Award:** August 2014

**Issue NTP:** August 2014

**Commence Dredging:** September 2014

**Dredge Complete:** January 2014



# Wilmington Harbor, DE - #1



**Location:** Wilmington Harbor, DE  
**Dredge Type:** Hydraulic  
**Placement:** Upland  
**Quantity:** 451,000 cy.  
**Depth:** 38' + 1' allowable overdepth  
**Bus. Type:** Unrestricted  
**Issue IFB:** September 2013  
**Receive IFB:** 29 Oct 2013  
**Award:** 19 Nov 2013  
**NTP:** 3 Dec 2013  
**Commence Dredging:** Dec 2013  
**Dredging Complete:** Dec 2013



# Wilmington Harbor, DE - #2



**Location: Wilmington Harbor, DE**

**Dredge Type: Hydraulic**

**Placement: Upland**

**Quantity: 500,000 cy.**

**Depth: 38' + 1' allowable overdepth**

**Bus. Type: Unrestricted**

**Issue IFB: April 2014**

**Receive IFB: May 2014**

**Award: June 2014**

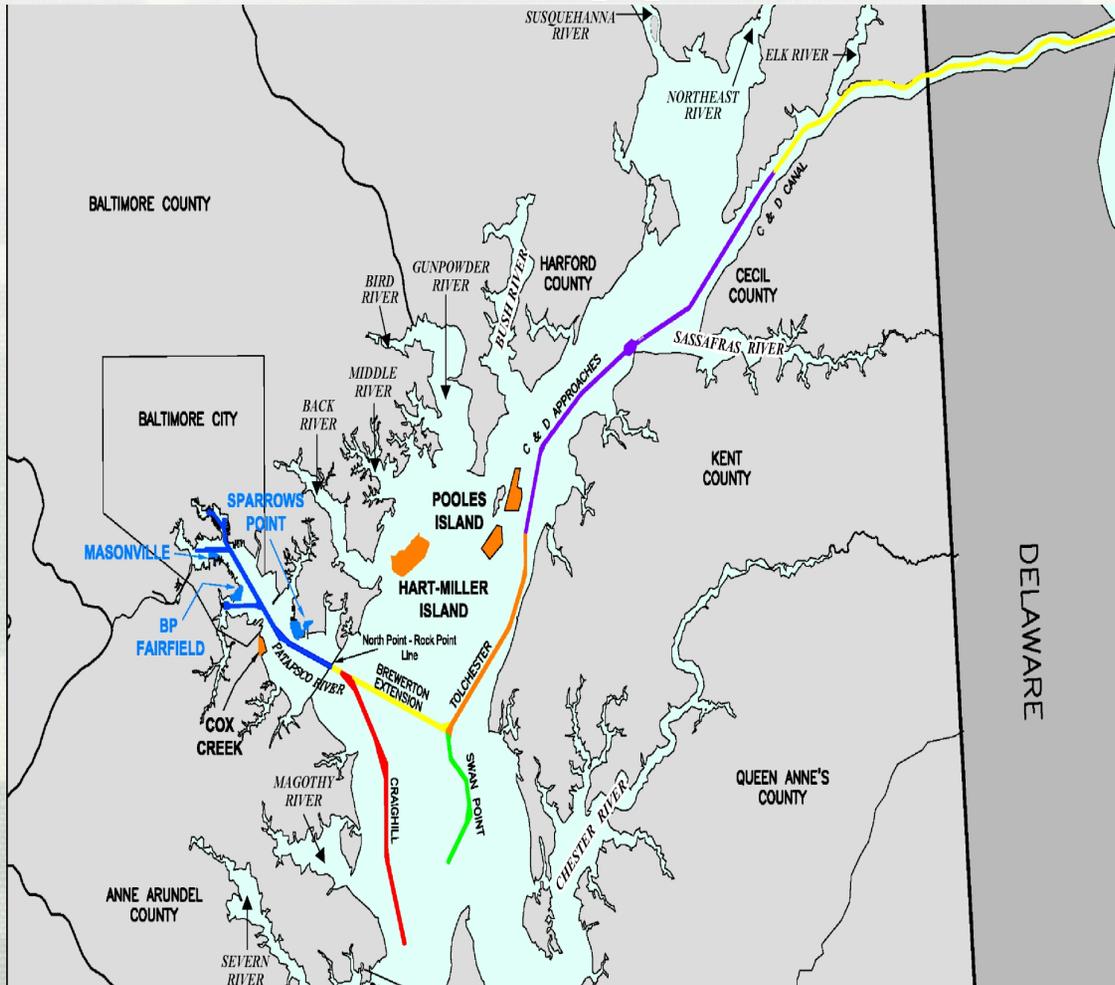
**NTP: July 2014**

**Commence Dredging: July 2014**

**Dredging Complete: August 2014**



# C&D Canal Approach Channels, MD



**Location: Chesapeake Bay**

**C&D Approach Channels**

**Dredge: Hydraulic/ Bucket**

**Placement: Upland Poplar Island**

**Quantity: 700,000 cy.**

**Depth: 36'+ 1' allowable overdepth**

**Bus. Type: Unrestricted**

**Advertise: July 2014**

**Bid Opening: August 2014**

**Award: September 2014**

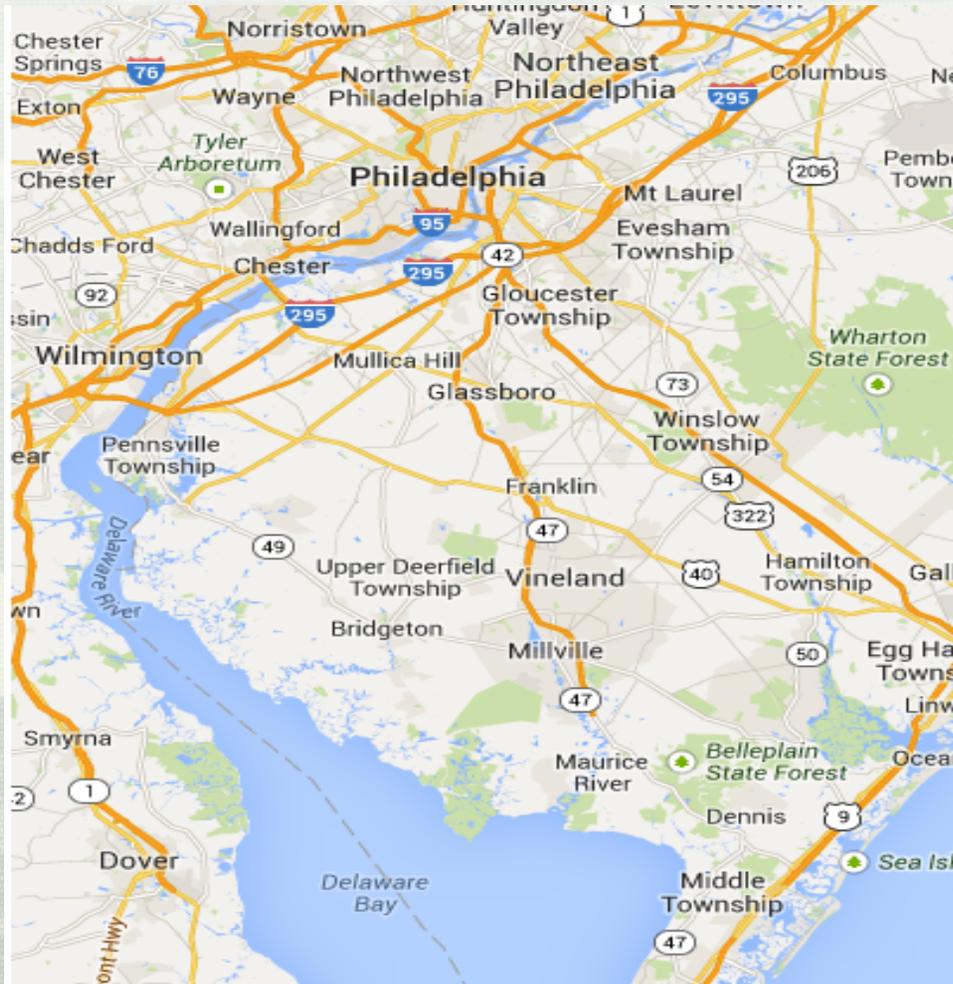
**NTP: October 2014**

**Commence Dredging: October 2014**

**Dredging Complete: March 2015**



# Delaware River Deepening, Reach A



**Location: Delaware River**

**Dredge Type: Hydraulic/ Bucket/ Hopper**

**Placement: Upland – Fort Mifflin CDF**

**Quantity: 410,000 cy.**

**Depth: 45' + 1' allowable overdepth**

**Bus. Type: Unrestricted**

**Issue IFB: October 22, 2013**

**Receive IFB: November 21, 2013**

**Award: December 2013**

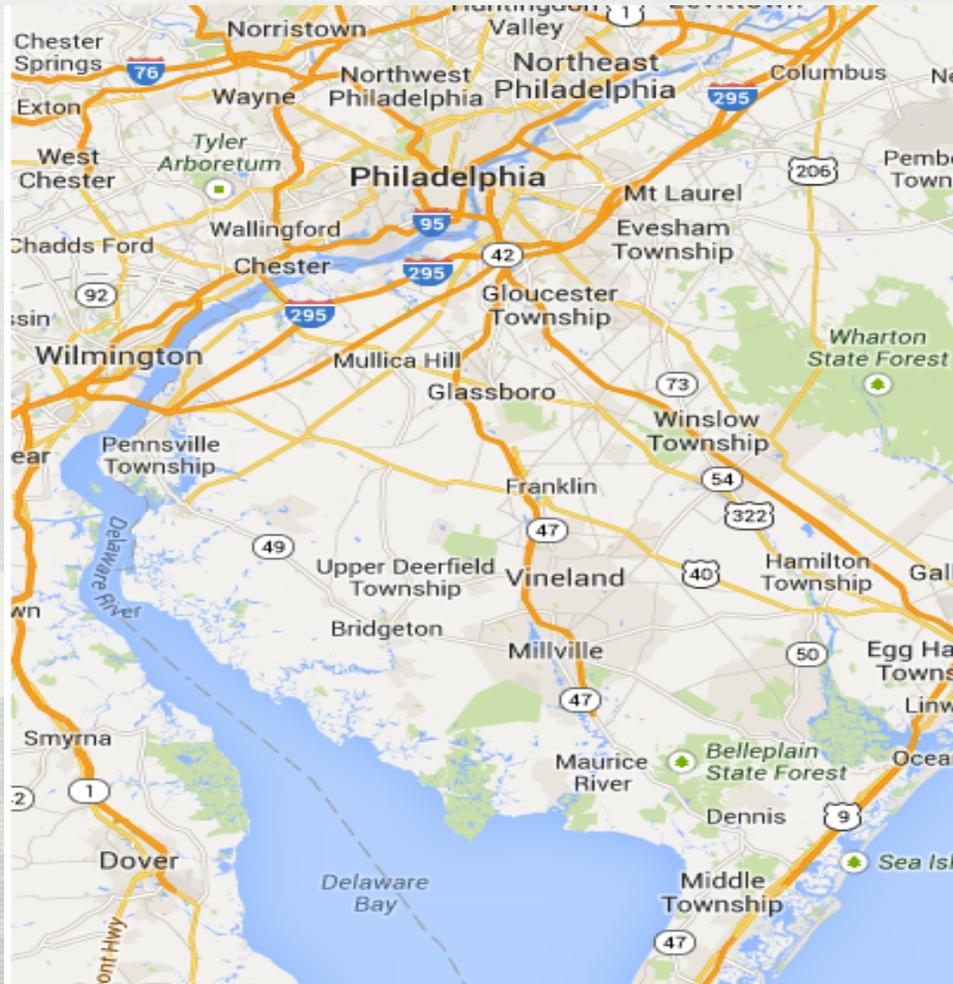
**NTP: December 2013**

**Commence Dredging: January 2014**

**Dredging Complete: March 2014**



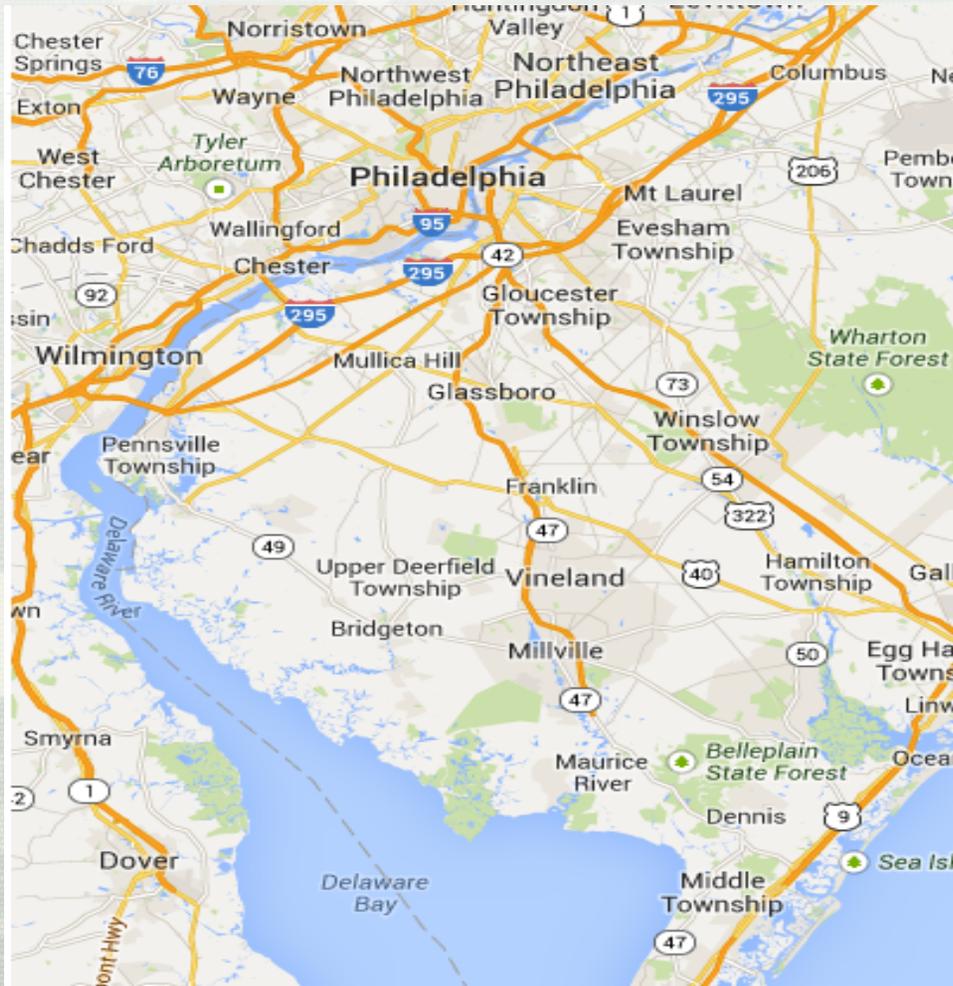
# Delaware River Deepening, Reach AA



**Location:** Delaware River  
**Dredge Type:** Hydraulic/ Bucket/Hopper  
**Placement:** Upland – Fort Mifflin CDF  
**Quantity:** 700,000 cy.  
**Depth:** 45' + 1' allowable overdepth  
**Bus. Type:** Unrestricted  
**Issue IFB:** February 2014  
**Receive IFB:** March 2014  
**Award:** April 2014  
**NTP:** May 2014  
**Commence Dredging:** July 2014  
**Dredging Complete:** March 2015



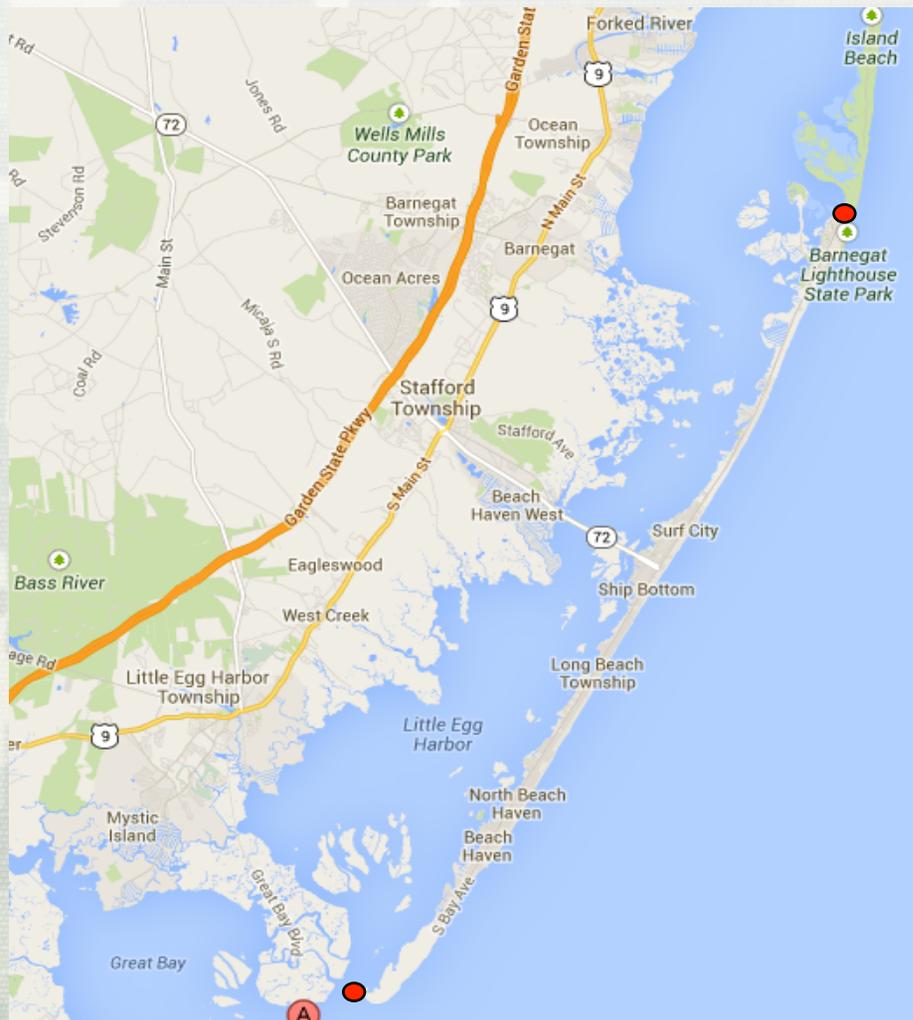
# Delaware River Deepening, Reach E – Broadkill Beach



**Location:** Delaware River  
**Dredge Type:** Hydraulic/ Bucket/Hopper  
**Placement:** Beachfill - Broadkill Beach  
**Quantity:** 1.8 million cy.  
**Depth:** 45' + 1' allowable overdepth  
**Bus. Type:** Unrestricted  
**Issue IFB:** January 2014  
**Receive IFB:** February 2014  
**Award:** March 2014  
**NTP:** April 2014  
**Commence Dredging:** May 2014  
**Dredging Complete:** May 2015



# Barnegat Inlet to Little Egg Harbor Inlet (LBI), NJ



**Location:** Barnegat/Little Egg, NJ

**Dredge Type:** Hopper/Hydraulic

**Placement:** Beach

**Quantity:** 7.8 Million CY

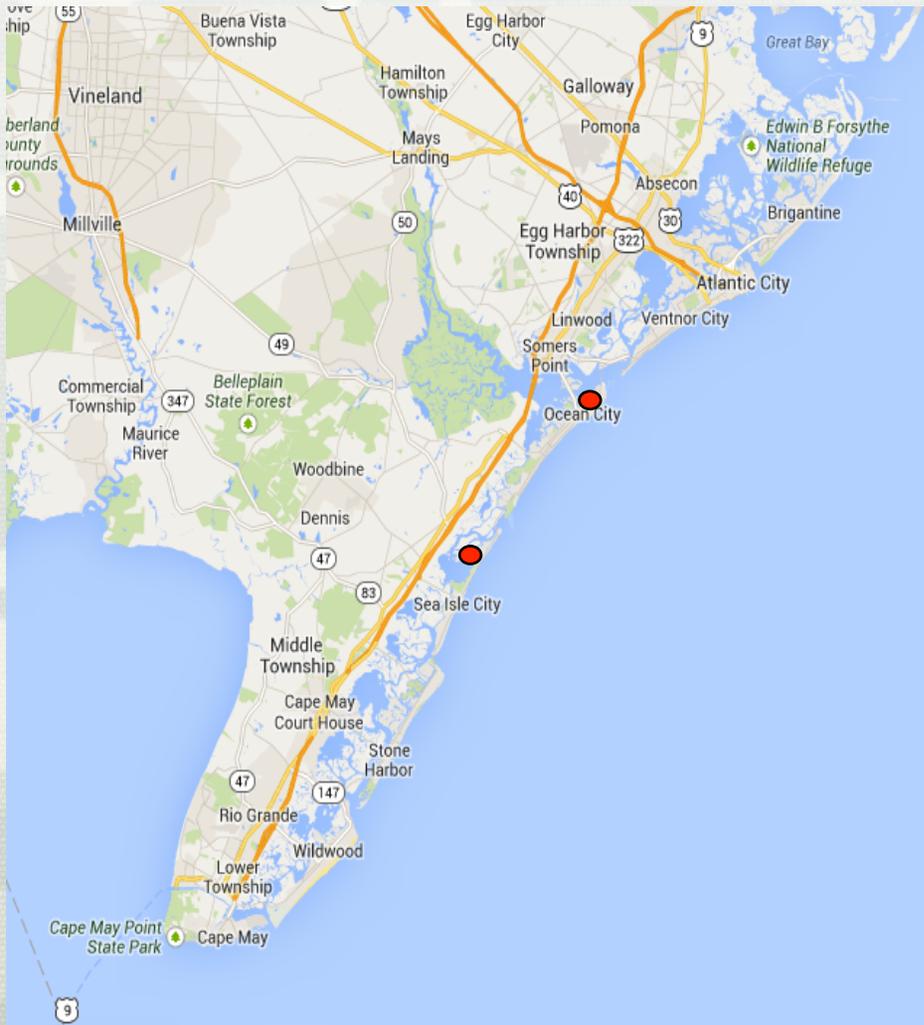
**Bus. Type:** Unrestricted

**Advertise:** Anticipated for 2<sup>nd</sup> Q FY14

This is a Hurricane Sandy Authorized But Unconstructed project along the Atlantic Coast of NJ for the remaining unconstructed portions of the project. This beachfill project will utilize an offshore borrow area.



# Great Egg to Townsends Inlet, NJ



**Location: Great Egg/Townsends, NJ**

**Dredge Type: Hopper/Hydraulic**

**Placement: Beach**

**Quantity: 4.0 Million CY**

**Bus. Type: Unrestricted**

**Advertise: Anticipated for 2<sup>nd</sup> Q FY14**

**Bid Opening:**

**Award:**

**Issue NTP:**

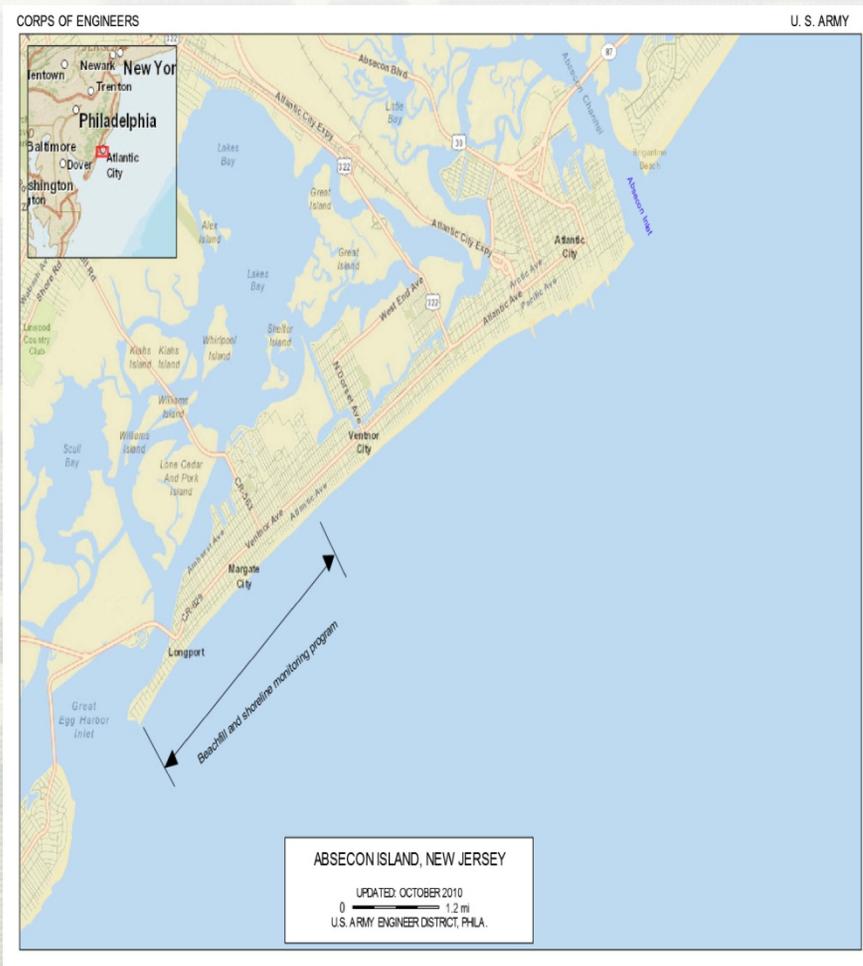
**Commence Dredging:**

**Dredge Complete:**

This is a Hurricane Sandy Authorized But Unconstructed project along the Atlantic Coast of NJ for Southern Ocean City, Sea Isle & Strathmere. This beachfill project will utilize an offshore borrow area.



# Absecon Island (Margate/Longport), NJ

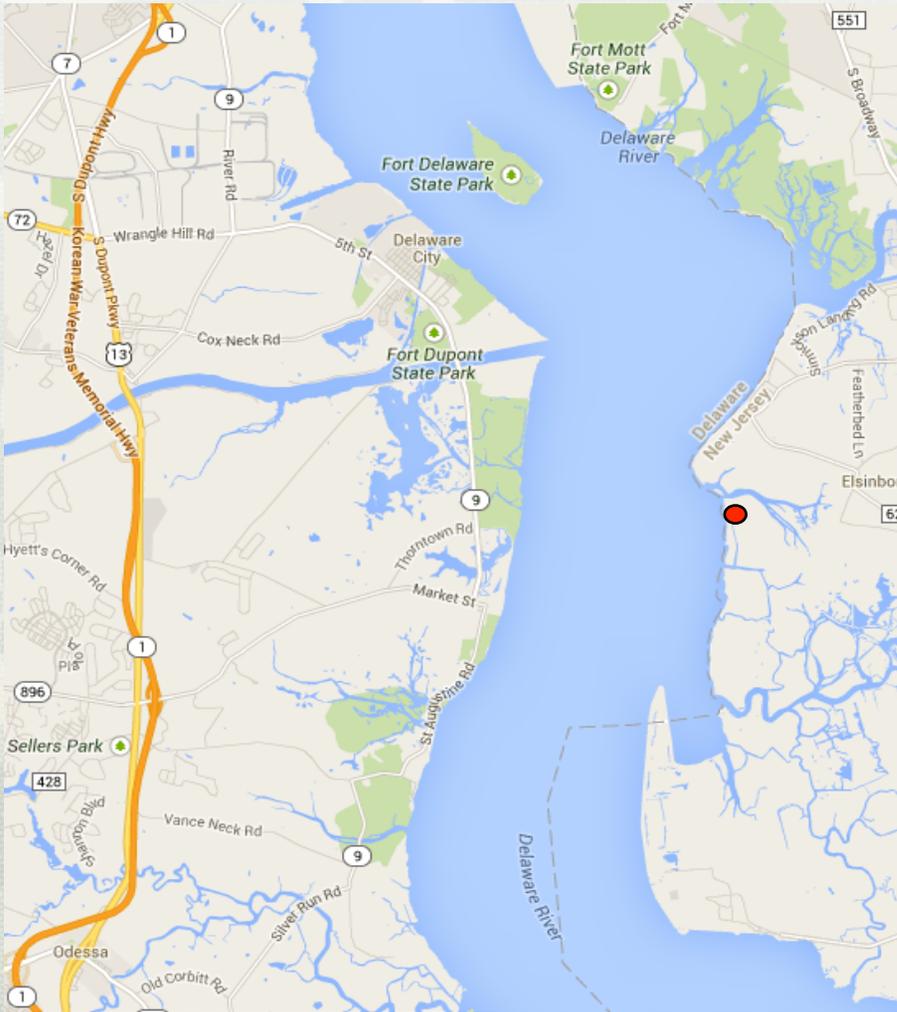


**Location:** Margate/Longport, NJ  
**Dredge Type:** Hopper/Hydraulic  
**Placement:** Beach  
**Quantity:** 2.0 Million CY  
**Bus. Type:** Unrestricted  
**Advertise:** Anticipated 2<sup>nd</sup> Q FY14

This is a Hurricane Sandy Authorized But Unconstructed project along the Atlantic Coast of NJ in Margate & Longport. This beachfill project is will utilize an offshore borrow area.



# Oakwood Beach, NJ

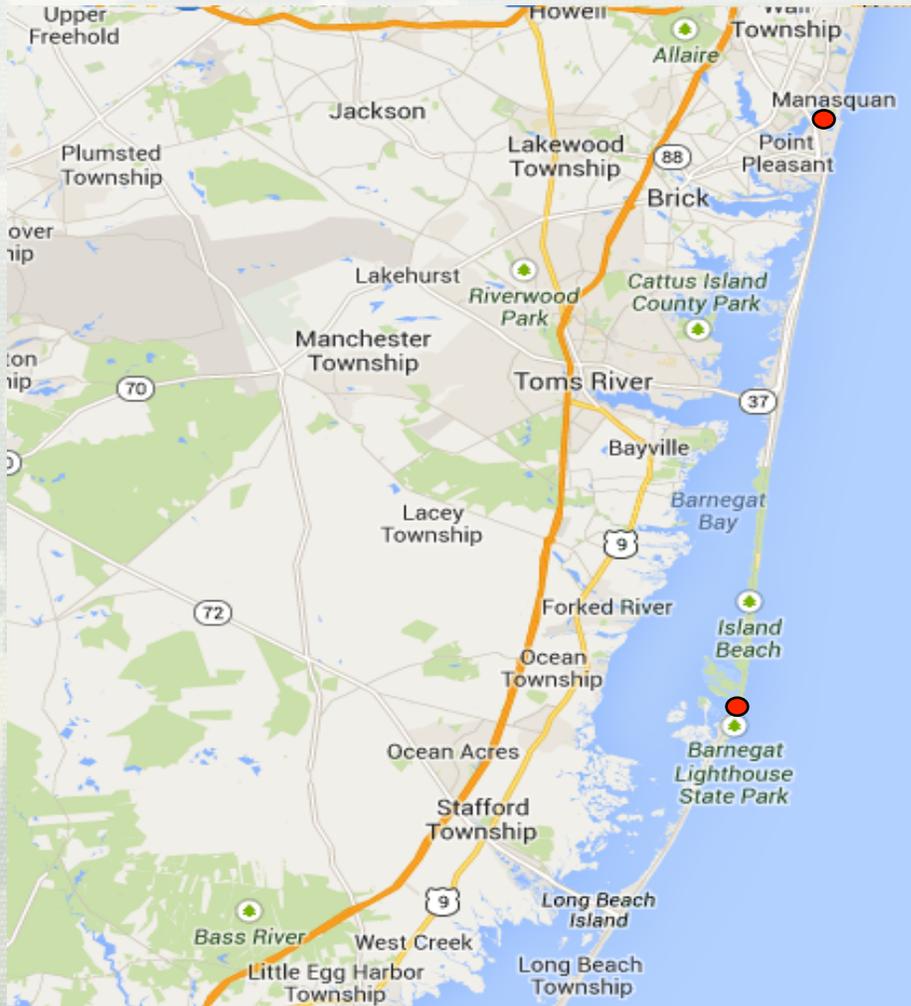


**Location: Oakwood Beach, NJ**  
**Dredge Type: Hopper/Hydraulic**  
**Placement: Beach**  
**Quantity: 350,000 CY**  
**Bus. Type: Unrestricted**  
**Advertise: Anticipated 3<sup>rd</sup> Q FY14**

This is a Hurricane Sandy Authorized But Unconstructed project along the Delaware Bay in Elsinboro Twp, NJ. This beachfill project is approx. 2 miles long with the Delaware River as the borrow area.



# Manasquan Inlet to Barnegat Inlet, NJ



**Location: Manasquan/Barnegat, NJ**

**Dredge Type: Hopper/Hydraulic**

**Placement: Beach**

**Quantity: 10.7 Million CY**

**Bus. Type: Unrestricted**

**Advertise: Anticipated 3<sup>rd</sup> Q FY14**

This is a Hurricane Sandy Authorized But Unconstructed project along the Atlantic Coast of NJ from Point Pleasant Beach to Island Beach State Park. This beachfill project is approx. 14 miles long and utilizes an offshore borrow area.

