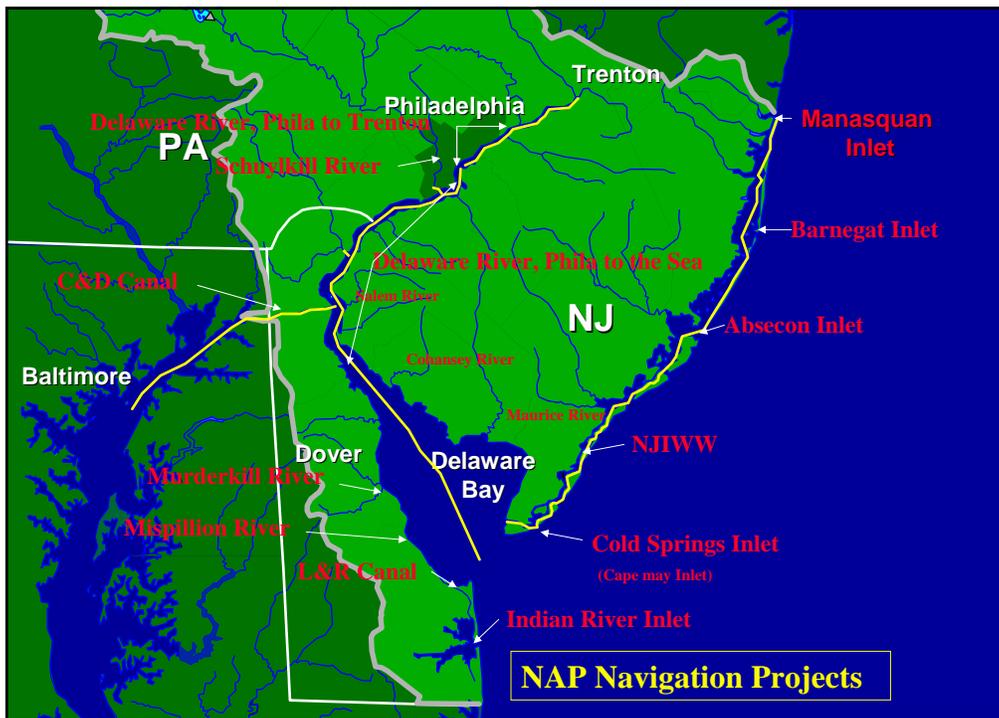


**PHILADELPHIA DISTRICT 2009 – 2013
DREDGING PROGRAM**





US Army Corps
of Engineers
New York District

FY09-FY13 Dredging Schedule Philadelphia District



Maintenance Dredging	Cubic Yards (CY)	Placement Site	FY09				FY10				FY11				FY12				FY13					
			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		
Delaware River, Ph to the Sea	Hydraulic 2M	Upland	█			█				█					█					█				
Delaware River, Ph to Trenton	Hydraulic 1M	Upland												█	█	█	█				█			█
Wilmington Harbor	Mechanical 500K	Upland			█					█					█									█
C&D Canal Proper	Mechanical Hopper 300K	Upland	█																					█
C&D Canal Approaches	Hydraulic ~40K	Upland							█	█														
C&D Canal Lower approach.	Mechanical ~600K	Site 92 open							█	█					█									█
Schuylkill River	Hydraulic	Upland	█																					█
Salem River	Hydraulic ~250K	Upland																						█



US Army Corps
of Engineers
Philadelphia District

Delaware River, Phila. to Sea Maintenance Dredging - Hydraulic

Cubic Yards – 2,000,000
 Type of Material – Maintenance – Silt/Sand
 Type of Equipment – Pipeline
 Type of Disposal – Confined Upland Disposal
 Bid Opening Date – Spring
 Frequency - Annual

Conditions: Issue work assignments for different ranges. First work assignment is normally issued by September.

New Castle Range/ Killcohook Disposal Area



US Army Corps
of Engineers
Philadelphia District

Wilmington Harbor, DE Maintenance

Cubic Yards –	650,000
Type of Material –	Silt
Type of Equipment –	Pipeline
Type of Disposal –	Confined Upland Disposal
Frequency -	Annual
Remarks –	No dredging allowed between 1 April and 15 June



US Army Corps
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Philadelphia District

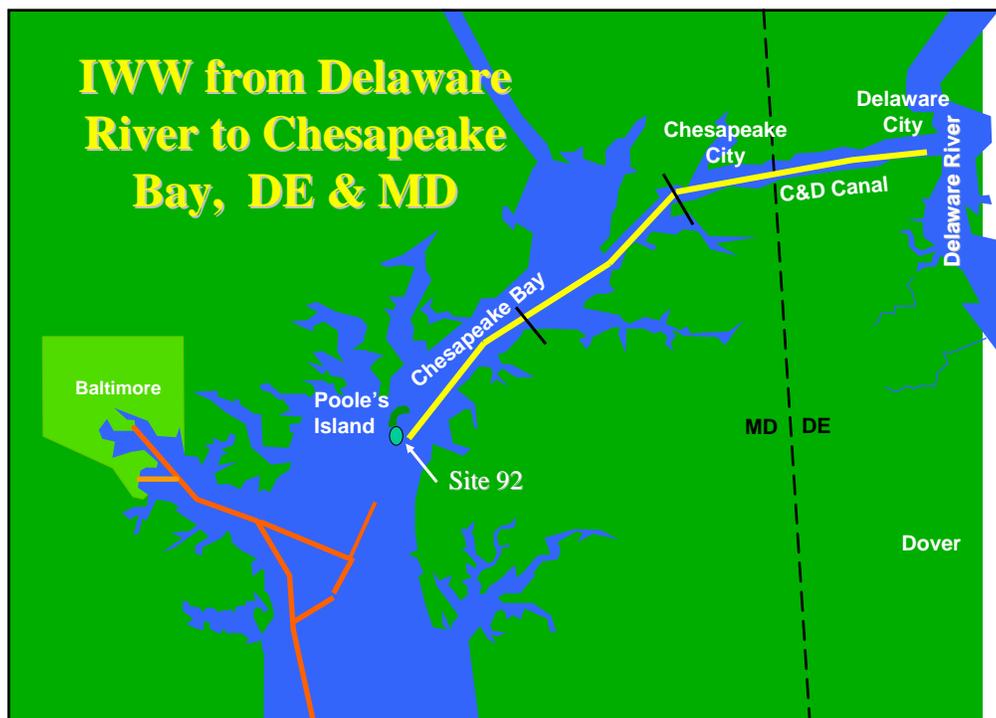
IWW, Delaware River – Chesapeake Bay Lower Approach Maintenance

Cubic Yards – 600,000
Type of Material – Silts
Type of Equipment – Open water - Bucket and scows

Type of Disposal – Open water

Special Conditions – Placement of material in the disposal area
Environmental Windows/ Constraints – Open Water placement

Remarks – Site 92 closes after 2009

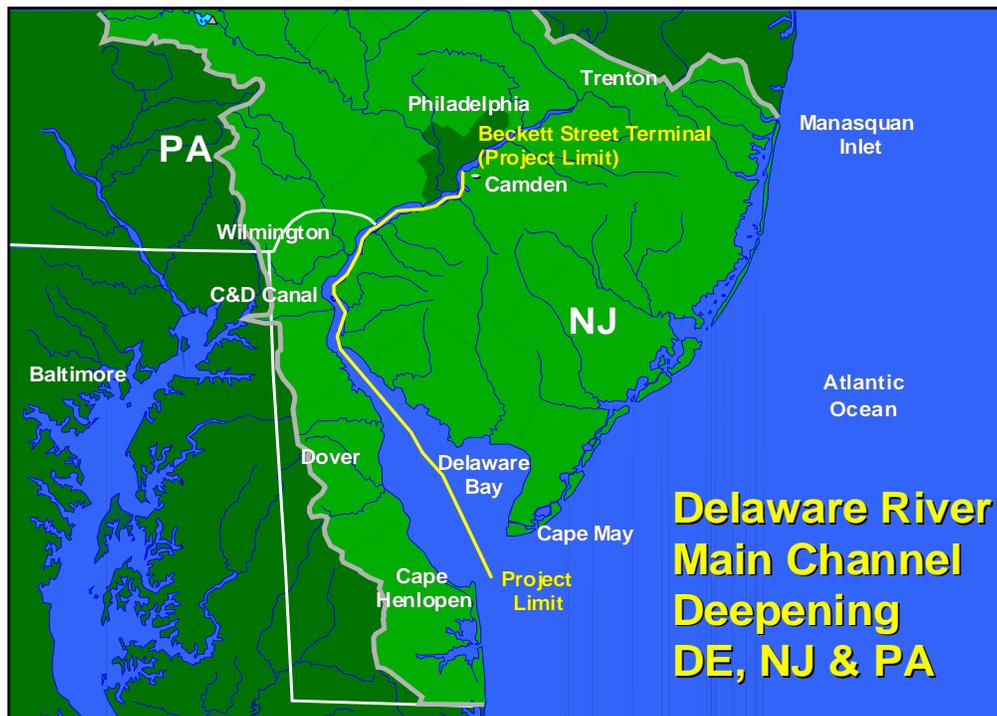


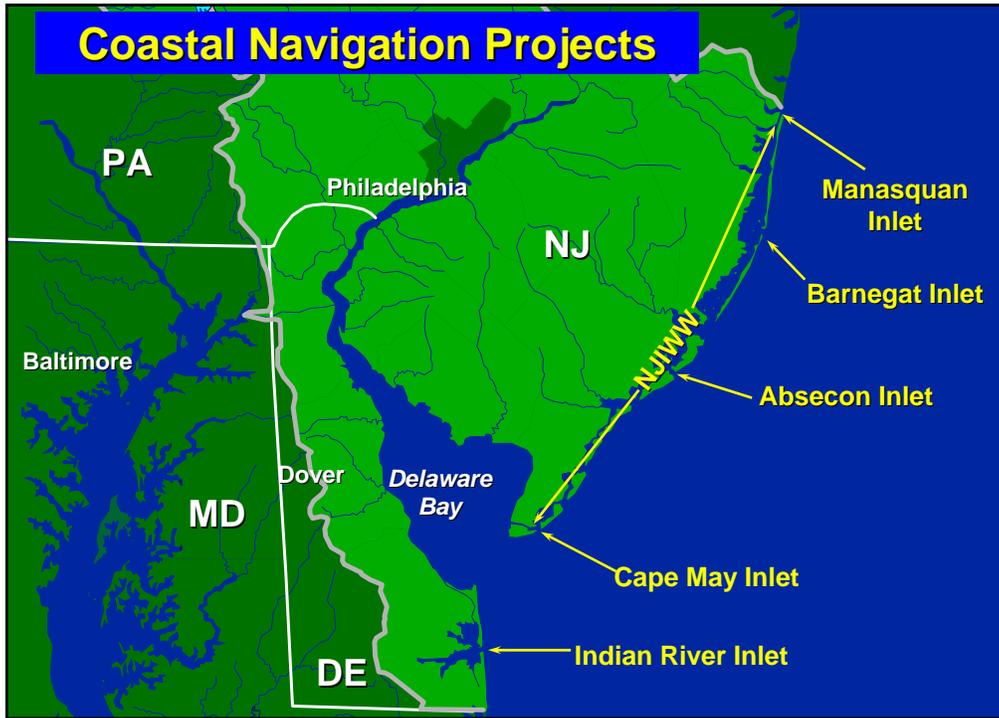


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Philadelphia District

Schuylkill River Maintenance

Cubic Yards – 500,000
Type of Material – Silt
Type of Equipment – Pipeline
Type of Disposal – Confined Upland Disposal
Frequency – Every other year
Environmental Windows/ Constraints – None
Remarks – Numerous pipeline crossings.





FY09-FY13 Dredging Schedule Philadelphia District

US Army Corps of Engineers
New York District

US ARMY CORPS OF ENGINEERS
PHILADELPHIA DISTRICT

Maintenance Dredging	Order #	Quantity (CY)	Placement Site	FY09				FY10				FY11				FY12				FY13							
				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				
NJIWW	Hydraulic	300K	Upland	■				■				■				■				■				■			
Cold Spring Inlet	Gov't Plant	100K	Open Beach		■				■				■				■							■			
Barnegat Inlet	Gov't Plant	95K	Open Beach			■			■				■				■							■			
Manasquan Inlet	Gov't Plant	60K	Open Beach				■			■				■				■							■		

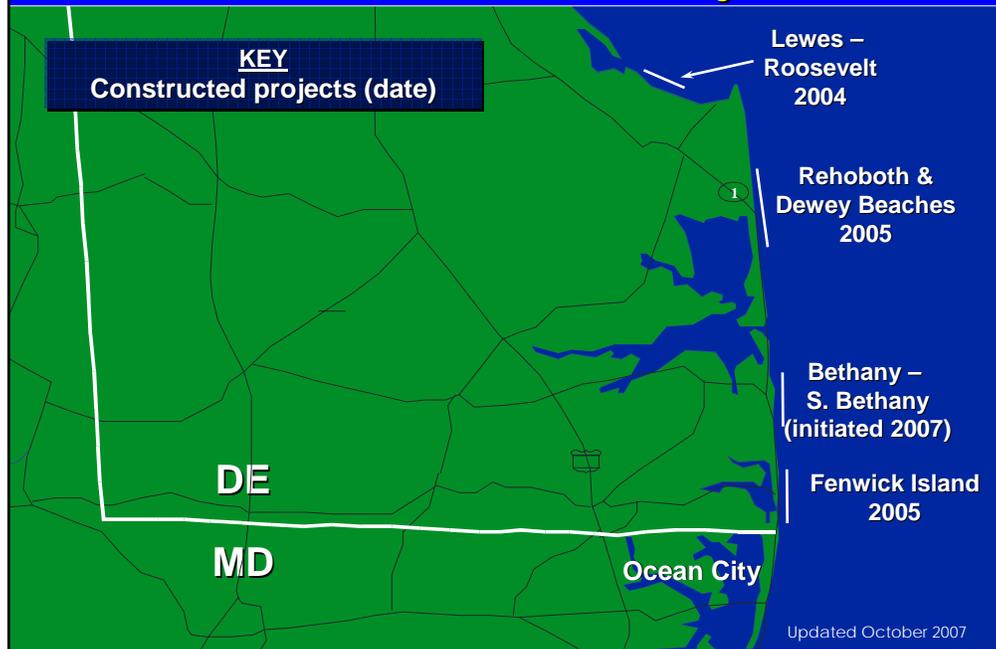


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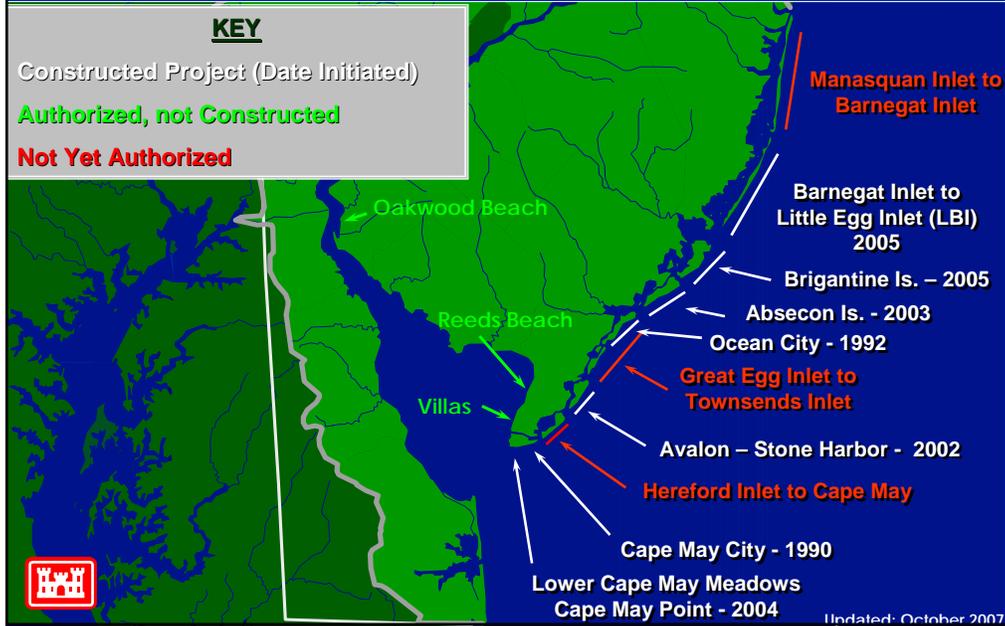
New Jersey Intracoastal WaterWay Maintenance

Cubic Yards – 350,000
Type of Material – Sand and silt
Type of Equipment – Pipeline
Type of Disposal – Confined Upland and Open Water
Environmental Windows/ Constraints – N/A
Remarks – Small Business set aside

DE Shore Protection Projects



Philadelphia District Coastal Storm Damage Reduction Projects



FY09-FY13 Dredging Schedule Philadelphia District

Beach Fill Dredging -NJ	Quantity (CY)	Placement Site	FY09				FY10				FY11				FY12				FY13				
			1st Qtr	2nd Qtr	3rd Qtr	4th Qtr																	
Barnegat Inlet to Little Egg Inlet (LBI)	Mechanical 500K	Beach																					
Brigantine Island	Hydraulic Hopper 500K	Beach																					
Absecon Island	Hydraulic- Hopper 1.6M	Beach		300K CY																			
Ocean City Beach fill	Hydraulic- Hopper ~1.1M	Beach																					
7 Mile Island	Hydraulic- Hopper ~800K	Beach																					
Cape May City & CG Base	Hydraulic- Hopper ~400K	Beach																					
Cape May Point	Hydraulic- Hopper ~200K	Beach																					

