



## Operating Environment

- **At the Geo-political Center of the World**
  - **New York and Washington, DC -- the Financial and Political Hubs of the Western World.**
  - **Headquarters for National Environmental Groups**
  - **Over 30% of the US Population**
  - **Oldest Cities in the US**
    - **Oldest National Infrastructure**
    - **Heavily Industrialized**
    - **Continually Evolving**
    - **Competing Pressures on Water Resources**

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## Operating Environment

- **Unique Features**
  - **Regional Interface with Three Standard Federal Regions (I, II and III) and Their Headquarters.**
  - **MSC AOR - 14 States, 51 Countries on 4 Continents.**
  - **Washington Aqueduct.**
  - **Port of NY/NJ.**
  - **CENAD Contains the only Three Corps Districts That Have Harbor Supervisor Responsibilities.**

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## Regional Interface

### **Political Interests**

- 14 Governors
- 28 Senators
- 105 Congressional Districts
- 52 Sovereign Nations
- The National Capital

5



## NAD Navigation Business Line

- 112 Deep Draft Projects
- 352 Shallow Draft Projects
- 2685 Total Miles of Channels
- 85 Miles of Breakwaters
- 138 Dredged Material Placement Sites
- 4 Navigation Locks

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## Navigation Fleet

- **1 Sea-going Hopper Dredge**
- **18 Survey Boats**
- **8 Patrol Boats**
- **4 Tugs**
- **3 Work Vessels**
- **8 Drift Collection Vessels**
- **1 Mooring Barge**
- **50 Other Floating Plant**



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## Navigation Structures

- **5 Canals**
- **4 Locks**
- **11 Highway Bridges**
- **85 Miles Breakwaters**
- **2685 Mi of Navigable Waterways**



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## NAD Business Line Team Roster

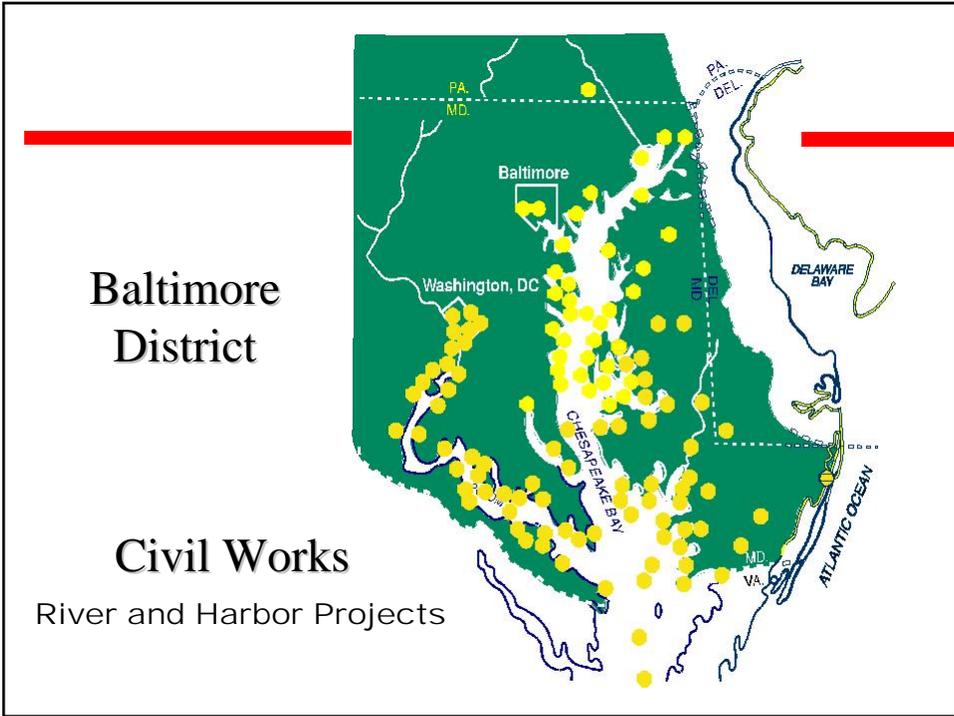
Environment (EN)	Emergency Management (EM)	Flood & Coastal Storm Damage Reduction (F&CSDR)	Navigation (N)
<b>Ecosystem Restoration</b> John Wright, BLM Linda Monte Pete Doukas Celia Orgel Bill Sutyak	Carmine Leone, BLM Andy Cotroneo	Pete Blum, BLM Moses Fins Will Rogers Ralph LaMoglia	Steve Coker, BLM Andy Cotroneo
<b>FUSRAP</b> Celia Orgel, BLM Linda Monte Pete Doukas	<b>Recreation (RC)</b>	<b>Regulatory (RG)</b>	<b>Water Supply (WS)</b>
<b>Stewardship Program</b> Linda Monte, BLM Bill Sutyak Will Rogers John Wright	Will Rogers, BLM Andy Cotroneo Linda Monte	Jim Haggerty, BLM Andy Cotroneo	Ralph Lamoglia, BLM Bill Sutyak

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### NAD FY 2007 Budget Development Plan

Dates	Time	Description
25 April		Districts begin developing their FY07 budget by Business Line in accordance with the Budget EC as presently written. Changes will be provided to the districts as they are made to the Budget EC.
05 May	1000	Budget Conference Call with District PDTs
11 May	1000	Budget Conference Call with District PDTs
18 May	1000	Budget Conference Call with District PDTs
25 May	1000	Budget Conference Call with District PDTs
01 June	1000	Budget Conference Call with District PDTs
06 June	0700	Districts certify that all data is uploaded and QC approved.
08 June	1000	Budget Conference Call with District PDTs
13-17 June		Each Business Line PDT (including District representatives) will conduct a planned exercise to develop MSC rankings for the Business Line. The Business Line Manager is responsible for leading this effort and ensuring the rankings are completed and ready for presentation according to the schedule.
15 June	1000	Budget Conference Call with District PDTs
17 June	1700	Rankings by Business Line Managers are complete.
20 June	1700	Results are ready for group presentation, review, and discussion.
21-24 June		BLM presentations to NAD Budget PDT for discussion to establish final recommended rankings.
22 June		Budget Conference Call with District PDTs
24 June	1700	BLM completes final rankings incorporating changes from NAD Budget PDT review meeting.
28 June		The RBC is briefed on the Division rankings.
29 June		Feedback is due from RBC. (Conference Call may be rescheduled on this date)
30 June		Final MSC Rankings for the FY07 Budget are uploaded to HQUSACE.
06 July		Budget Conference Call with District PDTs

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**US Army Corps of Engineers**  
Baltimore District

### Scheduled FY05 Dredging Work in Baltimore District



	FY04		FY05										FY06		
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
Hopper Dredge Maintenance Dredging															
Baltimore Harbor & Channels, VA - Cape Henry/York Spit	Sea Turtles							Sea Turtles - Screens and Observers							
Adv Oct 11, 05 Open Nov 10, 05															
Corps Dredge Currituck															
Assateague Island, MD		90 KCY						45 KCY					30 KCY		



US Army Corps  
of Engineers  
Baltimore District

## Scheduled FY05 Dredging Work in Baltimore District



Hydraulic Pipeline Dredge Maintenance Dredging	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Wicomico River, MD (Awarded March 31, 2004)						45 KCY	Anadromous Fish					80 KCY		
Upper Thorofare, MD (Awarded July 19, 2004)	Oysters										119 KCY	Oysters		

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US Army Corps  
of Engineers  
Baltimore District

## Scheduled FY05 Dredging Work in Baltimore District



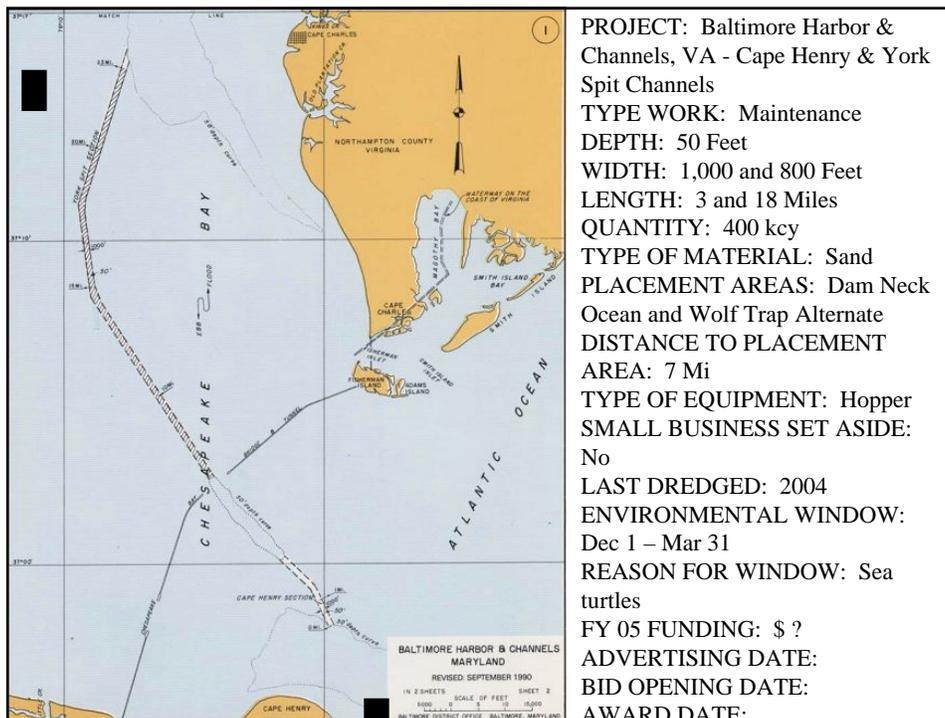
Mechanical Dredge Maintenance Dredging	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Baltimore Harbor & Channels (Awarded July 20, 2004)						2.1 MCY	Drying at Poplar & Hart-Miller							
Baltimore Harbor & Channels (Adv Jun 13, 05, Open Jul 13, 05)													Drying at Poplar & Hart-Miller	2.5 MCY
Mechanical Dredge New Work Dredging														
Occoquan River, VA (Awarded Dec 3, 2004)						31 KCY								

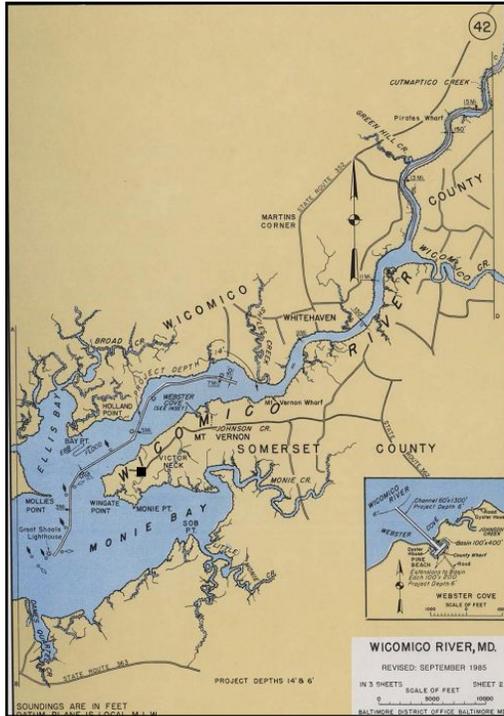
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## Baltimore District - Looking Ahead

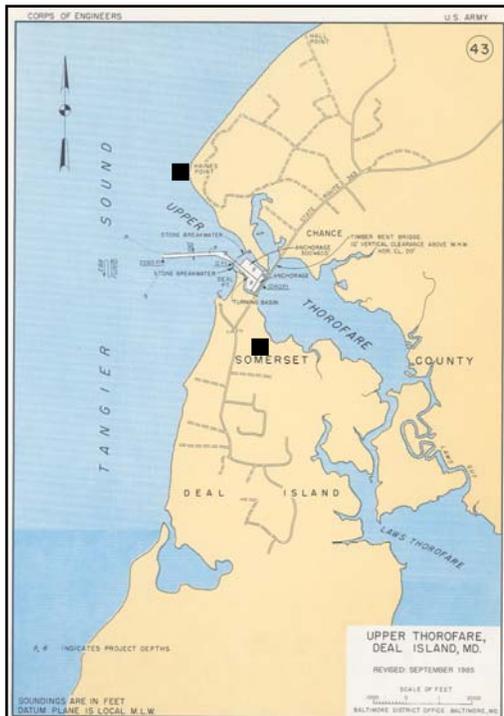
- Baltimore Harbor - Maryland Channels (large business) - 2,500,000 cy/yr - Clamshell dredge with hydraulic unloading at Poplar Island Environmental Restoration Project (2 mcy) and Hart-Miller Island (0.5 mcy)
- Baltimore Harbor - Virginia Channels (large business) - 1,000,000 cy every 2-3 yrs - hopper dredge with open water placement.
- Wicomico River, MD (small business set-aside) 125,000 cy/yr - hydraulic pipeline dredge with upland placement
- Ocean City, MD (small business set aside) 40,000 cy every few years - hydraulic pipeline dredge
- Periodic dredging of other shallow draft navigation projects, set aside for small business, pending Congressional Adds (or change in budget climate) and availability of placement sites
- Atlantic Coast of Maryland Shoreline Protection Project (large business) - hopper or large hydraulic pipeline dredge for beach nourishment 800,000 cy every 4 years pending Congressional Add or change in Administration position on funding renourishment of hurricane protection projects
- Assateague Island - Corps dredge Currituck – 90,000 cubic yards every fall and spring
- Poplar Island Environmental Restoration Project - future hydraulic pipeline dredging to provide sand borrow material to close Cell 6 and raise the Cell 2 and 6 dikes.
- Completing a GRR for expanding Poplar Island and a feasibility study for a new Mid-Bay Island restoration project within the next year. If approved and funded, would require future dredging to construct armored sand dikes to restore island and wetland habitat and provide placement capacity for the Baltimore Harbor project.

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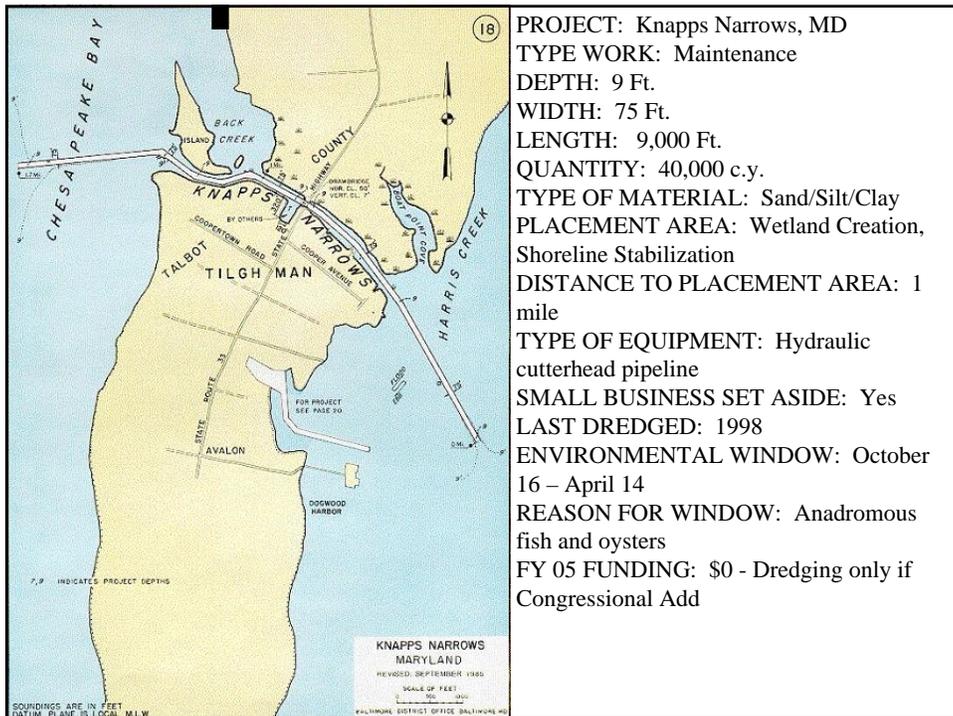
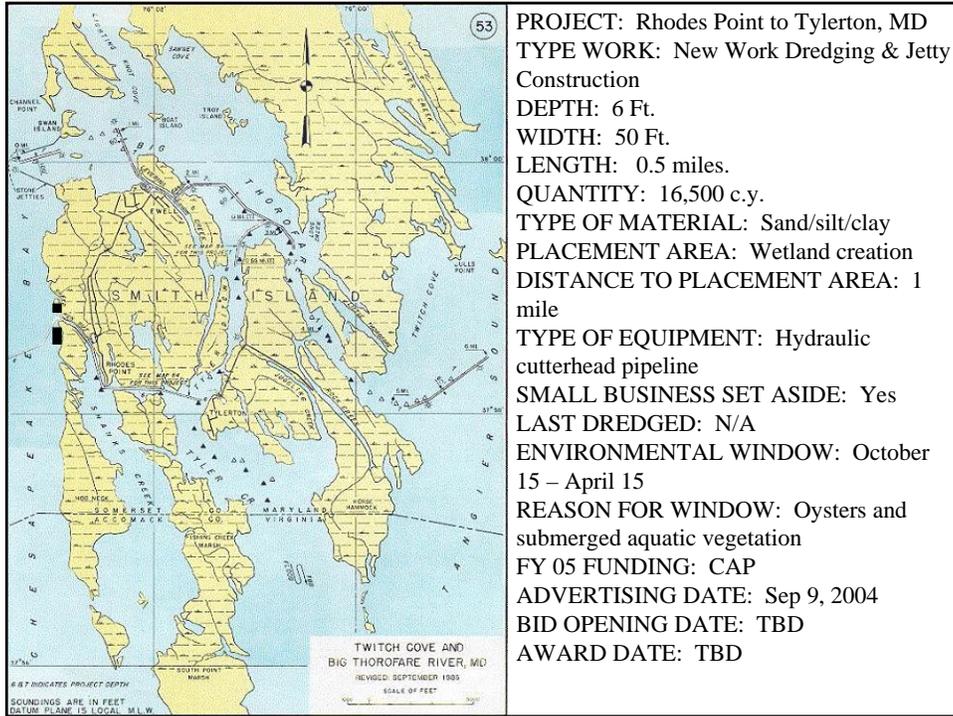


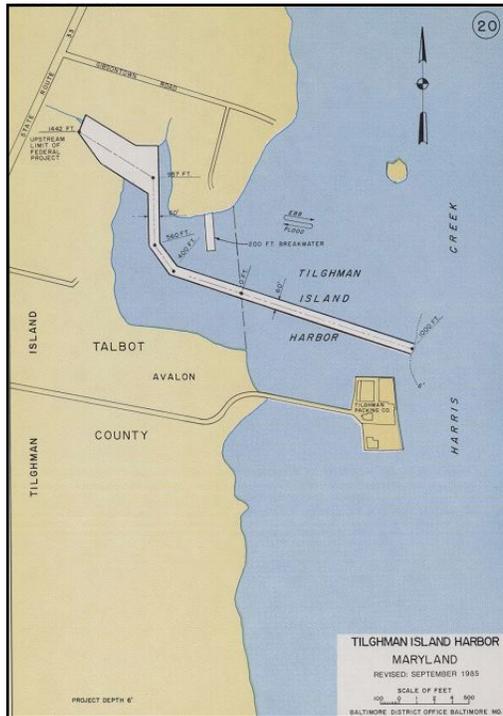


**PROJECT:** Wicomico River, MD  
**TYPE WORK:** Maintenance  
**DEPTH:** 14 Ft.  
**WIDTH:** 150 Ft.  
**LENGTH:** 10 miles.  
**QUANTITY:** 128,000 c.y.  
**TYPE OF MATERIAL:** Silt/Clay  
**PLACEMENT AREA:** Mt. Vernon and Sharps Point Upland  
**DISTANCE TO PLACEMENT AREA:** 1-7 miles  
**TYPE OF EQUIPMENT:** Hydraulic cutterhead pipeline  
**SMALL BUSINESS SET ASIDE:** Yes  
**LAST DREDGED:** 2000, 1998  
**ENVIRONMENTAL WINDOW:** June 16 – February 14  
**REASON FOR WINDOW:** Anadromous fish spawning  
**FY 05 FUNDING:** \$720,000  
**ADVERTISING DATE:** Feb 25, 2004  
**BID OPENING DATE:** Mar 26, 2004  
**AWARD DATE:** Mar 31, 2004  
**CONTRACT AMOUNT:** \$1,591,131  
**CONTRACTOR:** Cottrell Contracting Corp

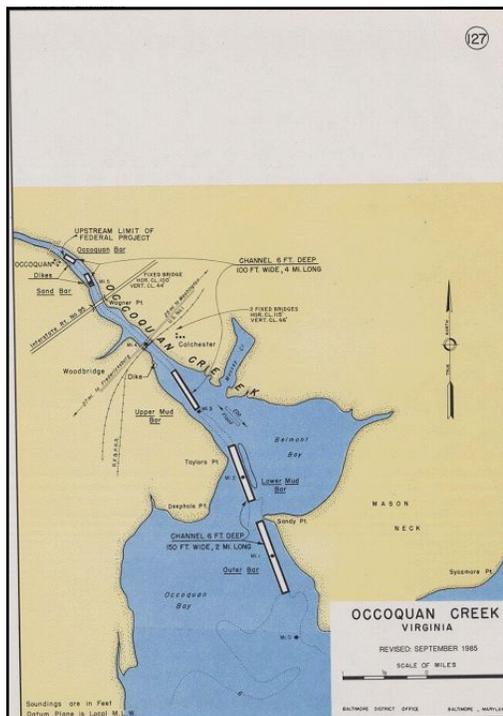


**PROJECT:** Upper Thorofare, MD  
**TYPE WORK:** Maintenance  
**DEPTH:** 9 Ft. - Dredging to 7 Ft.  
**WIDTH:** 100 Ft., Basin 650 x 300 Ft.  
**LENGTH:** 3,300 Ft.  
**QUANTITY:** 109,049 c.y.  
**TYPE OF MATERIAL:** Sand/Silt/Clay  
**PLACEMENT AREA:** Upland and Shoreline Placement  
**DISTANCE TO PLACEMENT AREA:** 1 mi  
**TYPE OF EQUIPMENT:** Hydraulic cutterhead pipeline  
**SMALL BUSINESS SET ASIDE:** Yes  
**LAST DREDGED:** 1987  
**ENVIRONMENTAL WINDOW:** Oct 1 – May 31  
**REASON FOR WINDOW:** Oysters  
**FY 05 FUNDING:** \$0  
**ADVERTISING DATE:** June 2, 2004  
**BID OPENING DATE:** July 7, 2004  
**AWARD DATE:** July 19, 2004 (Base Bid)  
**CONTRACT AMT:** \$495,950 (Base) \$601,142 (Option) Requires Cong. Add  
**CONTRACTOR:** Cottrell Contracting Corp





**PROJECT:** Tilghman Island Harbor, MD  
**TYPE WORK:** Maintenance  
**DEPTH:** 6 Ft.  
**WIDTH:** 60 Ft., Basin 500 x 200 Ft.  
**LENGTH:** 2,080 Ft.  
**QUANTITY:** 35,000 c.y.  
**TYPE OF MATERIAL:** Silts/clay  
**PLACEMENT AREA:** Wetland  
 Creation, Shoreline Stabilization  
**DISTANCE TO PLACEMENT AREA:** 2 miles  
**TYPE OF EQUIPMENT:** Hydraulic cutterhead pipeline  
**SMALL BUSINESS SET ASIDE:** Yes  
**LAST DREDGED:** 1992  
**ENVIRONMENTAL WINDOW:** October 16 – April 14  
**REASON FOR WINDOW:** Anadromous fish and oysters  
**FY 05 FUNDING:** \$0 - Dredging only if Congressional Add



**PROJECT:** Occoquan River, VA  
**TYPE WORK:** New Work  
**DEPTH:** 9 Ft.  
**WIDTH:** 100 - 150 Ft.  
**LENGTH:** 3.5 miles.  
**QUANTITY:** 35,000 c.y.  
**TYPE OF MATERIAL:** Sand/Silt/Clay  
**PLACEMENT AREA:** Landfill  
**DISTANCE TO PLACEMENT AREA:** 15 miles  
**TYPE OF EQUIPMENT:** Clamshell  
**SMALL BUSINESS SET ASIDE:** Yes  
**LAST DREDGED:**  
**ENVIRONMENTAL WINDOW:** October – February 14  
**REASON FOR WINDOW:** Anadromous fish spawning and SAV  
**FY 05 FUNDING:** \$0  
**ADVERTISING DATE:** Oct 7, 2004  
**BID OPENING DATE:** Nov 9, 2004  
**AWARD DATE:** Nov 22, 2004



US Army Corps  
of Engineers  
Philadelphia District

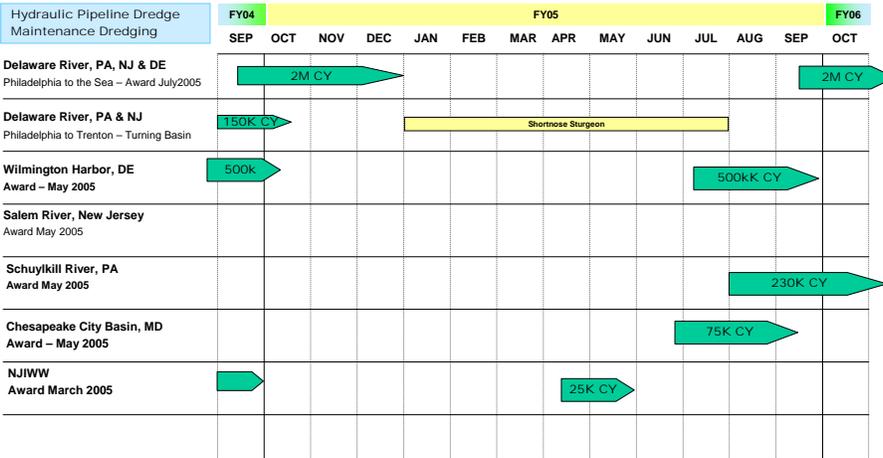
# Scheduled FY 05 Dredging Work in Philadelphia District

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US Army Corps  
of Engineers  
Philadelphia District

## Scheduled FY05 Dredging Work in Philadelphia District



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**US Army Corps  
of Engineers**  
Philadelphia District

## Scheduled FY05 Dredging Work in Philadelphia District



	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Hydraulic Pipeline Dredge Maintenance Dredging														
Wills Hole, NJIWW Part of NJIWW – Barnegat Bay			90KCY											
Dredge Hole #6, NJIWW Cottrell Contracting Corp.												133K CY		



**US Army Corps  
of Engineers**  
Philadelphia District

## Scheduled FY05 Dredging Work in Philadelphia District

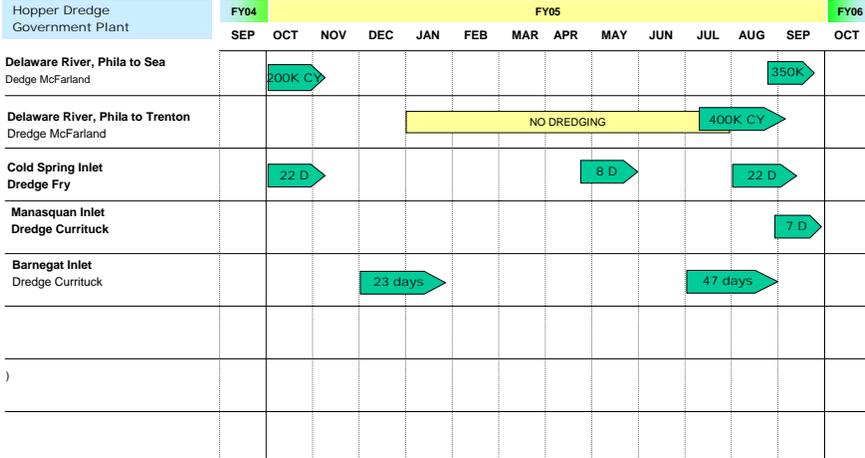


	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Mechanical Dredge Maintenance Dredging														
Approach to the C&D Canal Award – August 2005			1M CY									No Dredging		1M CY



**US Army Corps  
of Engineers**  
Philadelphia District

## Scheduled FY05 Dredging Work in Philadelphia District

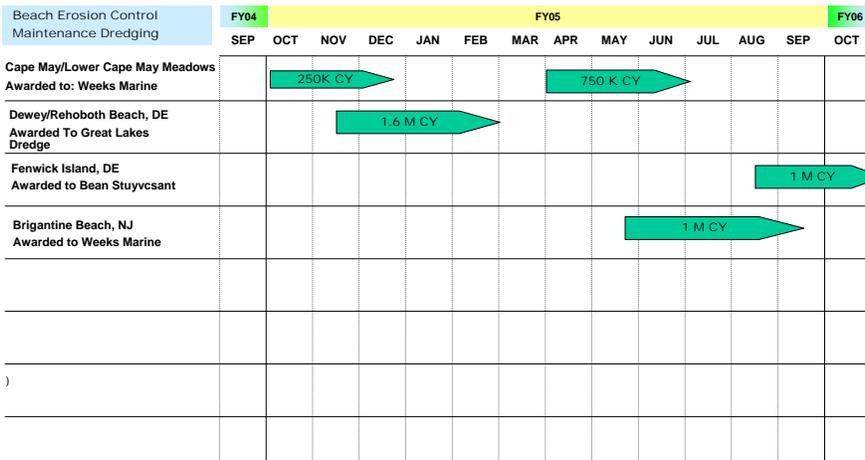


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of Engineers**  
Philadelphia District

## Scheduled FY05 Dredging Work in Philadelphia District



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## Philadelphia District - Looking Ahead

- Normal maintenance dredging items expected each year.
- Delaware River, Philadelphia to Trenton – 600,000 cy, pipeline or hopper - upland disposal, includes disposal area development - construction of dikes. This project was advertised for FY04 but pulled back due to issues with the State and Environmental concerns (eagles spotted in the area). The States of Pennsylvania and New Jersey are local sponsor and are responsible for providing the disposal areas. We are still working with States on obtaining the disposal areas. Several bridges in area including one drawbridge.

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**US Army Corps  
of Engineers**  
Philadelphia District

### Delaware River, Phila. to Sea Maintenance Dredging - Hydraulic

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Cubic Yards – 2,000,000  
Type of Material – Maintenance – Silt/Sand  
Type of Equipment – Pipeline  
Type of Disposal – Confined Upland Disposal  
Bid Opening Date – 12 May 2005  
Low Bidder - Norfolk Dredging  
Amount of Bid - \$3,440,000  
Remarks- Awaiting permission to award continuing contract.

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**US Army Corps  
of Engineers**  
Philadelphia District

## Wilmington Harbor, DE

Maintenance

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Cubic Yards – 500,000  
Type of Material – Silt  
Type of Equipment – Pipeline  
Type of Disposal – Confined Upland Disposal  
Bid Opening Date – 17 May 2005  
Low Bidder – Norfolk Dredging Company  
Amount – \$1,167,865  
Award Date – 20 May 2005  
Remarks – A proposal to restrict all dredging between  
1 April and 15 June is under review.

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**US Army Corps  
of Engineers**  
Philadelphia District

## Salem River, New Jersey

Maintenance

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Cubic Yards – 125,000  
Type of Material – Silt  
Type of Equipment – Pipeline  
Type of Disposal – Confined Upland Disposal  
Advertising Date – Not funded FY05 or President's FY06  
Bid Opening Date – Not Funded in FY05 or President's FY06  
WQC Status – Issued  
Special Conditions – N/A  
Environmental – Windows/ Constraints None  
Remarks – Overhead Power Lines and strong current

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**US Army Corps  
of Engineers**  
Philadelphia District

## Chesapeake City Basin, MD

Maintenance

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Cubic Yards – 125,000  
Type of Material – Silt  
Type of Equipment – Pipeline  
Type of Disposal – Confined Upland Disposal  
Bid Opening Date – 17 May 2005  
Low Bidder – Southwind Construction Corp.  
Bid amount – \$382,537.04  
Special Conditions – N/A  
Environmental – Windows/Constraints None  
Remarks – N/A

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**US Army Corps  
of Engineers**  
Philadelphia District

## Schuylkill River

Maintenance

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Cubic Yards – 230,000  
Type of Material – Silt  
Type of Equipment – Pipeline  
Type of Disposal – Confined Upland Disposal  
Bid Opening Date – 24 May 2005  
Low Bidder – Bid was twice government estimate  
Special Conditions – Pipeline Dredge  
Environmental – Windows/Constraints None  
Remarks – Small business set aside. B+B only bidder.  
Job is pending reconsideration.

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**US Army Corps  
of Engineers**  
Philadelphia District

## IWW, Delaware River – Chesapeake Bay Maintenance

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Cubic Yards – 1,000,000  
Type of Material – Silts  
Type of Equipment – Open water - Bucket and scows  
Type of Disposal – Open water  
Advertising Date – 12 July 2005  
Bid Opening Date – 01 August 2005  
WQC Status – Application to be submitted  
Special Conditions – N/A  
Environmental – Open Water placement  
Remarks – Request to be able to use Bucket Dredge.

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**US Army Corps  
of Engineers**  
Philadelphia District

## Government Plant

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**US Army Corps  
of Engineers**  
Philadelphia District

## Hopper Dredge McFARLAND

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Project – Delaware River, Philadelphia to the Sea  
Cubic Yards – 350,000  
Type of Material – Sand & Silt  
Number of Days – 75  
Type of Disposal – Confined Upland Disposal  
WQC Status – Approved  
Special Conditions – Can not pump past overflow  
Environmental – Endangered Species monitoring  
Remarks – N/A

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**US Army Corps  
of Engineers**  
Philadelphia District

## Split Hull CURRITUCK

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Project – Barnegat Inlet, NJ  
Cubic Yards – 250,000  
Type of Material – Sand  
Number of Days – 110  
Type of Disposal – Ocean Disposal  
WQC Status – Approved  
Special Conditions – N/A  
Environmental – Windows/ Constraints N/A  
Remarks – N/A

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**US Army Corps  
of Engineers**  
Philadelphia District

## SideCaster FRY

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Project –	Cold Spring Inlet, NJ
Cubic Yards –	100,000
Type of Material –	Sand
Number of Days –	40
Type of Disposal –	Sidecast, Open Water
WQC Status –	Approved
Special Conditions –	N/A
Environmental –	Windows/ Constraints N/A
Remarks –	N/A

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**US Army Corps of Engineers**  
**Norfolk District**

## **Norfolk District** **Scheduled FY 2005 Dredging Work**

**June 2005**

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## Scheduled FY05 Dredging Work in Norfolk District



	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Hopper Dredge Work														
Atlantic Ocean Channel New Work														0.8 M CY

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## Scheduled FY05 Dredging Work in Norfolk District



	FY04		FY05										FY06	
	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
Pipeline Dredge Work														
Channel to Newport News Maintenance														334 K CY
MARAD Channel, James River, VA Maintenance (work for others)														220 K CY
Rudee Inlet, Va Beach, VA Maintenance														130 K CY

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## Atlantic Ocean Channel

Contract Depth -	53' + 1' allowable overdepth
Estimated Quantity -	760,000 Cubic Yards
Type of Material -	Predominantly Sand
Method of Dredging / Type of Equipment -	Hopper Dredge
Method of Dredged Material Placement -	Dam Neck Dredged Material Management Area; District anticipates there will be interest in placing sand on a nearby beach
Advertise –	Jul 2005
Bid Opening -	Aug 2005
Award -	Sep 2005
Status -	Dependent on Congressional add for FY 2006.
Seasonal or Special Restrictions -	1 April through 30 November sea turtle protection requirements POC Doug Stamper 757-201-7861

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## Channel to Newport News

Project Depth -	52 + 1 allowable
Estimated Quantity -	334,000 cubic yards
Type of Material -	Mixture of silt, sand, and clay
Method of Dredging / Type of Equipment -	Large pipeline dredge
Method of Dredged Material Placement -	Direct pump into Craney Island Dredged Material Area
Advertising Date -	Jul 2005
Bid Opening Date-	Aug 2005
Seasonal Restrictions or Other Special Conditions -	No restrictions. Will be FY05-06 continuing contract. PM Mike Anderson 757-201-7584

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## MARAD Channel, James River, VA

Project Depth -	13 + 1 allowable
Estimated Quantity -	220,000 cubic yards
Type of Material -	Silt & clay
Method of Dredging / Type of Equipment -	Pipeline Dredge
Method of Dredged Material Placement -	Diked Upland at Fort Eustis
Advertising Date -	Jun 2005
Bid Opening Date-	Jul 2005
Seasonal Restrictions or Other Special Conditions -	No dredging permitted 15 Feb 2005 to 30 Jun 2005.
	Funded by MARAD.
	POC Tom Szelest
	757-201-7700

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## Rudee Inlet, Va Beach, VA

Project Depth -	10 & 12 + 2 Ft. Channel 18 + 2 Ft. Sand Trap
Estimated Quantity -	130,000 cubic yards
Type of Material -	Sand
Method of Dredging / Type of Equipment -	Pipeline Dredge
Method of Dredged Material Placement -	Beach Nourishment
Advertising Date -	Apr 2005
Bid Opening Date-	Jul 2005
Seasonal Restrictions or Other Special Conditions -	Amended to open the project to unrestricted competition
	PM Gregg Williams
	757-201-7616

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# Questions?

Contact information:  
USACE, Norfolk District  
Richard Klein, Dredging Program Manager  
757-201-7243, fax 201-7664

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## FY 2005 Dredging Program

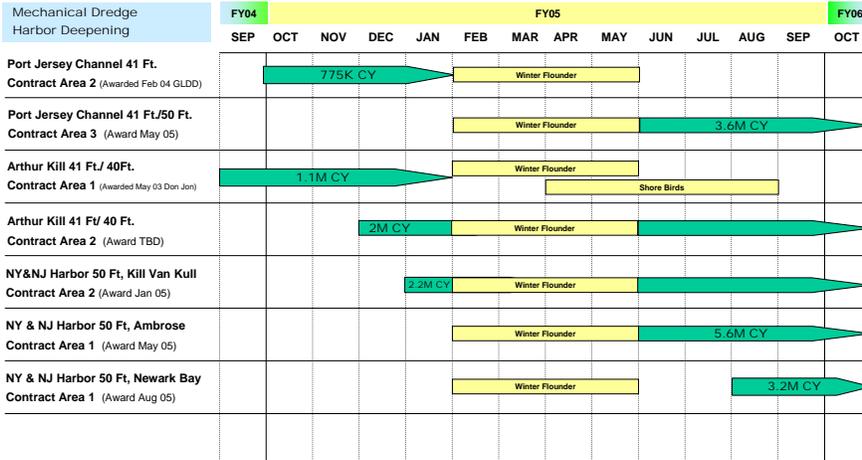
A photograph of the New York City skyline at night, with numerous skyscrapers illuminated and their lights reflecting on the water in the foreground. The sky is a deep blue, and the overall scene is a classic view of the city.

## New York District





## FY05 Dredging Schedule New York District

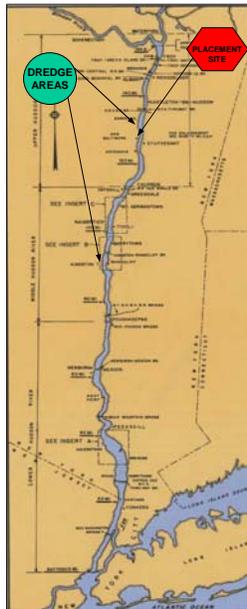


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## New York District - Looking Ahead

- Projections for NY & NJ Harbor 50 ft. Deepening – 8 more contracts to be awarded (if all segments are constructed) between FY07 and FY11. About 2 per year in FY07 thru FY09, then one each for FY10 and FY11. Lots of rock involved, mix of reef, HARS and treated upland placement of dredged material.
- NY Harbor O&M – About 2 to 5 (capability) contracts per year, mostly fine grained material requiring upland treatment
- Coastal work – not much planned for CG construction; O&M typically has about 2-3 coastal navigation projects per year, but with budget constraints not predicting that we will have many funded over the next few years; all are sand placement on downdrift beaches.
- Hudson River – hopper work with confined upland placement of dredged material. Done every two years, FY08, FY10, etc.

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## Hudson River, NY Coeymans and Kingston Reaches and Saugerties Harbor

**QUANTITY TO BE DREDGED:** 85,000 CY (Award Sept 05)

**TYPE OF DREDGED MATERIAL:** Sand, Silt & Clay

**LAST DREDGED:** 1998, Albany Turning Basin and Primins Hook to Four Mile Pt.  
1965, Hudson River, NY, Coeymans and Kingston Reaches.  
1988, Saugerties Harbor, NY

**EQUIPMENT USED:** Hopper Dredge

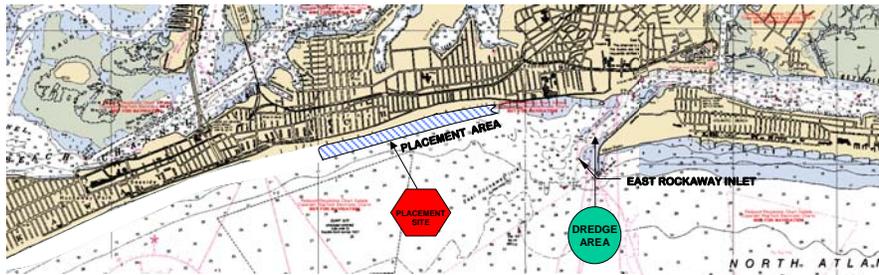
**PLACEMENT SITE:** Houghtailing Island. (New York State is providing all lands and easements in support of access to the Federally owned placement site).

**ISSUES:** Endangered species Bald Eagle & Shortnose Sturgeon. No-dredge window 1 Feb. to 15 Aug. The contract includes 3 discontinuous areas: Coeymans and Kingston Reaches, and Saugerties Harbor. Ices over early December to mid March.

Hopper Dredge  
Maintenance Dredging

HUB Zone Contract

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## East Rockaway Inlet, NY

**QUANTITY TO BE DREDGED:** 224,000 CY (Award Sept 04 B+B Dredging)

**TYPE OF DREDGED MATERIAL:** Sand

**LAST DREDGED:** 2002

**EQUIPMENT USED:** Hopper Dredge

**PLACEMENT SITE:** Rockaway Beach

**ISSUES:** Endangered species – Shore Birds & Sea Beach Amaranth  
Seasonal no-dredge window 1 April through 1 November but work can usually start after September 15th with an avoidance plan if Amaranth are present.

Hopper Dredge  
Maintenance Dredging

Unrestricted Procurement

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**Jamaica Bay, NY**

**QUANTITY TO BE DREDGED:** 200,000 CY (Awarded Sept 04 B+B Dredging)

**TYPE OF DREDGED MATERIAL:** Sand

**LAST DREDGED:** 2000

**EQUIPMENT USED:** Hopper Dredge

**PLACEMENT SITE:** Floyd Bennett Airfield

**ISSUES:** Endangered species – Shore Birds  
Seasonal no-dredge window 1 April through 15 September

Hopper Dredge Maintenance Dredging	HUB Zone Contract
---------------------------------------	-------------------

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**Fire Island to Jones Inlet, NY**

**QUANTITY TO BE DREDGED:** 925,000 CY (Award Sept 05)

**TYPE OF DREDGED MATERIAL:** Sand

**LAST DREDGED:** 2003

**EQUIPMENT USED:** Pipeline cutterhead

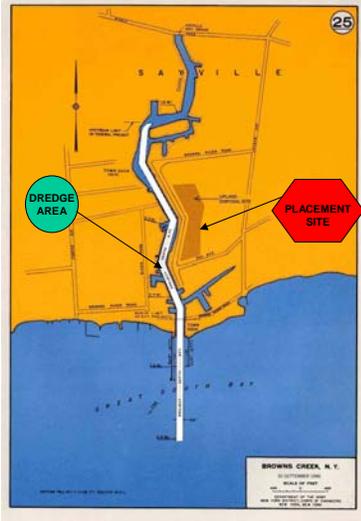
**PLACEMENT SITE:** Gilgo Beach (west beach) / Robert Moses State Park

**ISSUES:** Endangered species – Shore Birds & Sea Beach Amaranth  
Seasonal no-dredge window 1 April through 1 November but work can usually start after September 15<sup>th</sup> with an avoidance plan if Amaranth are present. Cost-shared with NY State

Hydraulic Pipeline Dredge Maintenance Dredging	Small Business Set-Aside
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### Browns Creek, NY



**QUANTITY TO BE DREDGED:** 36,000 CY  
(Awarded Sept 04 - Southwind)

**TYPE OF DREDGED MATERIAL:** Sandy Silt

**LAST DREDGED:** 1994/1995

**EQUIPMENT USED:** Pipeline Cutterhead

**PLACEMENT SITE:** Locally provided disposal site adjacent to Creek

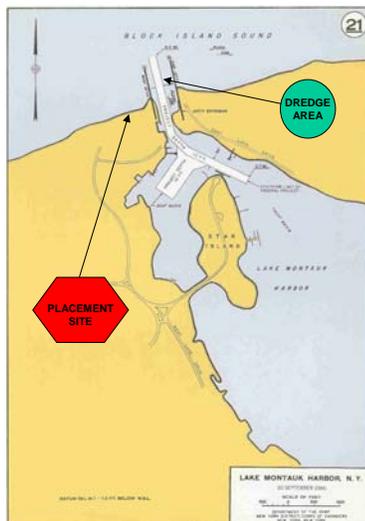
**ISSUES:** Seasonal no-dredge window 1 February through 30 September due to spawning shellfish and winter flounder.

Hydraulic Pipeline Dredge  
Maintenance Dredging

Small Business Set-Aside

57

### Lake Montauk Harbor, NY



**QUANTITY TO BE DREDGED:** 12,200 CY  
(Awarded Sept 04 – Inner Space)

**TYPE OF DREDGED MATERIAL:** Sand

**LAST DREDGED:** 2000

**EQUIPMENT USED:** Pipeline Cutter head

**PLACEMENT SITE:** On the beach just west of the inlet.

**ISSUES:** Listed species – Finfish and Shellfish.  
Seasonal environmental window 1 January through 30 September.

Hydraulic Pipeline Dredge  
Maintenance Dredging

Small Business Set-Aside

58

**Westhampton Interim Project**

**QUANTITY TO BE DREDGED:** 1.5 Million CY (Awarded Sep 04 – Great Lakes)

**TYPE OF DREDGED MATERIAL:** Sand

**LAST DREDGED:** 2001

**EQUIPMENT USED:** Hydraulic Pipeline Dredge

**PLACEMENT SITE:** Westhampton Beach, NY

**ISSUES:** Endangered species – Piping Plovers, Seabeach Amaranth  
Seasonal dredging restrictions from 15 March through 15 August. Work is permitted during this period, but the contractor must abide by the 100 meter buffer around active nests.  
Cost-shared with the State of New York.  
Combined with the West of Shinnecock Interim Project.

Hydraulic Pipeline Dredge  
Beach Erosion Control

Unrestricted Procurement

59

**NY & NJ Channels, Raritan Bay Reach, Sequine Point**

**QUANTITY TO BE DREDGED:** 150,000 CY  
(Awarded Aug 04 DonJon)

**TYPE OF DREDGED MATERIAL:** Silty Sand

**LAST DREDGED:** 1979

**EQUIPMENT USED:** Mechanical Dredge

**PLACEMENT SITE:** Upland Disposal (1E and ENCap)

**ISSUES:** Seasonal No-Dredge Window 15 November to 31 May for Winter Flounder & Blue Crabs, 1 June to 15 July for impacts to shellfish reproduction. Need to resolve problems with seasonal windows. In the past clambers have requested dredging begin in August.

Mechanical Dredge  
Maintenance Dredging

Unrestricted Procurement

60

### Buttermilk Channel, NY

**QUANTITY TO BE DREDGED:** 80,000 CY

**TYPE OF DREDGED MATERIAL:** Silty Sand

**LAST DREDGED:** 2000

**EQUIPMENT USED:** Mechanical Dredge

**PLACEMENT SITE:** Historic Area Remediation Site

**ISSUES:** Seasonal No-Dredge Window 15 November to 31 May for Winter Flounder & Blue Crabs.

Mechanical Dredge  
Maintenance Dredging

USACE Dredge McFarland

61

### Port Jersey Channel, NJ

(41/50 foot Projects)

**DESCRIPTION:**  
Channel deepening from 35/41 Ft. to 50 Ft.

**STATUS:**  
On-Going Work:  
Contract 2 (Area 2a) – Awarded Feb 04 GLDD

Future Work:  
Contract 3 (All Areas) – Award May 05 (3.6M CY)

**DREDGE MATERIAL:**  
Silt & Sand (Contract 2),  
Silt, Sand, Glacial Till, Clay, and Rock (Contract 3)

**EQUIPMENT USED:** Mechanical Dredge

**PLACEMENT SITE:** FDP, 1E, ENCap, and HARS

**ISSUES:** Seasonal no-dredge window 1 Feb through 31 May due to Winter Flounder.  
Cost-shared with the State of NJ  
Contract 3 is the last contract for this project.

Mechanical Dredge  
Harbor Deepening

Unrestricted Procurement

62

## Arthur Kill Deepening, NY

(40/41 Foot Project)

**DESCRIPTION:**

Channel Deepening from 35 ft to 41/40 ft

**STATUS:**

Contract 1 Awarded – May 03 (DonJon)

Contract 2 Awarded – Dec 04 (DonJon)  
 – 70-Day Submittal due Nov 04

**QUANTITY TO BE DREDGED:**

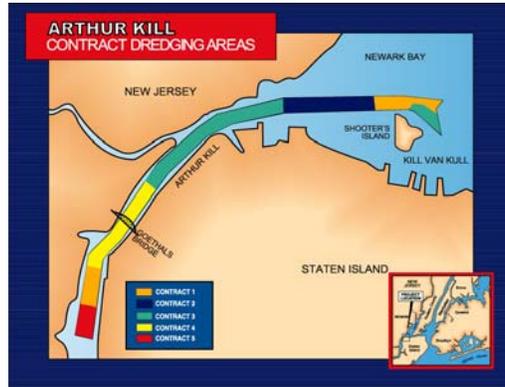
Contract 1 – 1.15M CY

Contract 2 – 1.98M CY

**TYPE OF DREDGE MATERIAL**

HARS, Non HARS and Rock

**EQUIPMENT USED:** Mechanical Dredge



**ISSUES:** Various seasonal no-dredge windows 1<sup>st</sup> Feb through 31 July depending on species (Peregrine Falcon, Bird Nesting, Winter Flounder)  
 Contractor will be working in allowable areas throughout the dredging window.

Mechanical Dredge  
Harbor Deepening

Unrestricted Procurement

63

## New York and New Jersey Harbor, NY & NJ

(50 foot Project)

**DESCRIPTION:** Channel deepening from 40-45 ft to 50 ft.

**STATUS:**

16 Construction Areas:

One Area Complete (Area 5)

Work Starting in FY 05:

- S-KVK-2 (Jan 05 Award) 2.2M CY
- Ambrose 1 (Apr 05 Award) 5.6M CY
- Newark Bay 1 (Aug 05 Award) 3.2M CY

**DREDGE MATERIAL:** HARS / NON-HARS & Rock

**EQUIPMENT USED:** Mechanical & Hopper Dredges

**PLACEMENT SITES:** TBD

**ISSUES:** Blasting Required.  
 Contract is designed around environmental windows.  
 Cost-shared with the Port Authority NY & NJ



Hopper and Mechanical Dredge  
Harbor Deepening

Unrestricted Procurement

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# New England District FY 2005 Dredging Program

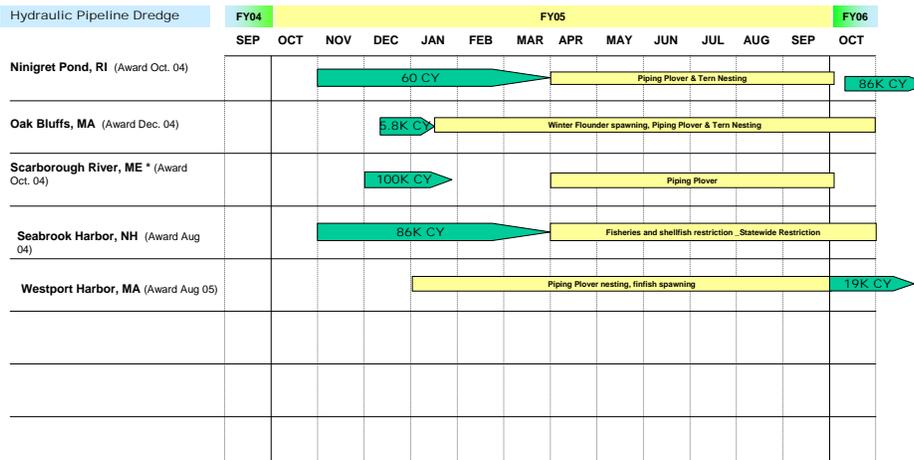


**US Army Corps  
of Engineers**  
New England District

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## Scheduled FY05 Dredging Work in New England District

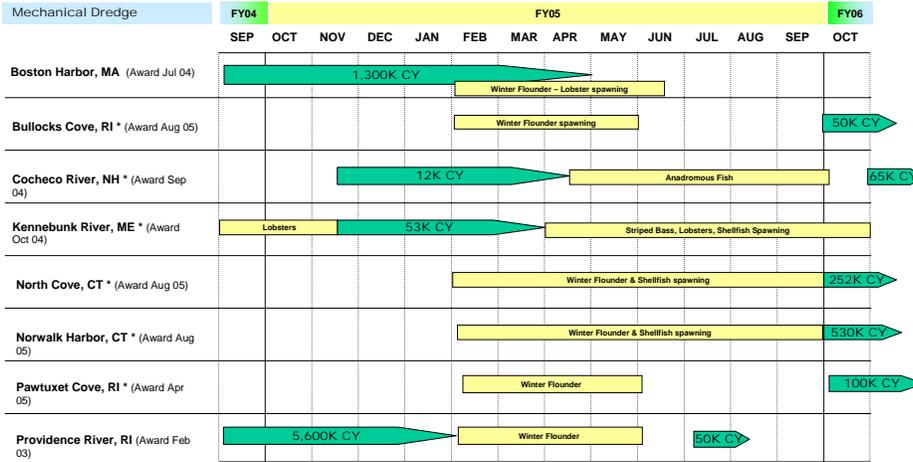


\* Potential Add

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## Scheduled FY05 Dredging Work in New England District

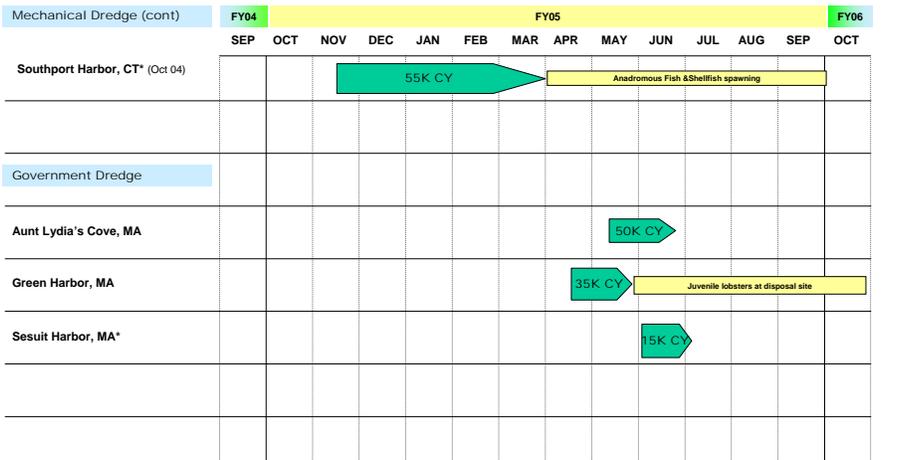


\* Potential Add

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## Scheduled FY05 Dredging Work in New England District



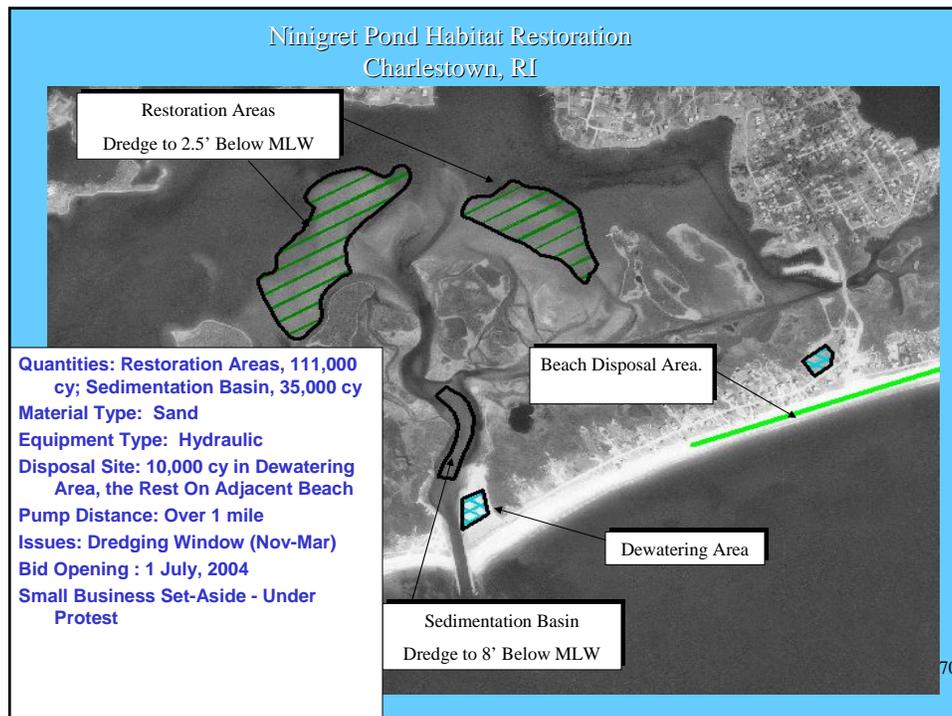
\* Potential Add

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## New England District – Status Update

- Oak Bluffs - 107 Planning project, funding was pulled, no work done.
- Scarborough River - Work completed early, project complete.
- Seabrook Harbor - Sect. 227 project - Dredging complete.
- Westport Harbor - 107 Planning project, funding was pulled, no work done.
- Boston Harbor - Work complete.
- Bullocks Cove - Work will be deferred to FY 07.
- Cochecho River - Only 10,000 cy were able to be dredged, plan to re-advertised for completion next FY.
- Kennebunk River - Work complete.
- North Cove - Work in FY06 dependent on Congressional Add.
- Norwalk Harbor - Work expected to be advertised soon for FY 06 completion.
- Pawtuxet Cove - Work in FY06 dependent on Congressional Add.
- Providence River - Work mostly complete aside from some clean-up. Expect to be completed in July.
- Southport Harbor - Work complete.
- Aunt Lydia's Cove - Work by Currituck expected to begin and be complete in June.
- Green Harbor - Work ongoing by the Currituck.
- Sesuit Harbor - Work expected to start in late June and be completed in early July.
- Ninigret Pond - Work not completed before the end of the window. Dredging is scheduled to resume next FY (Oct 15) to dredge the 86,000 cy remaining. Environmental restoration project.

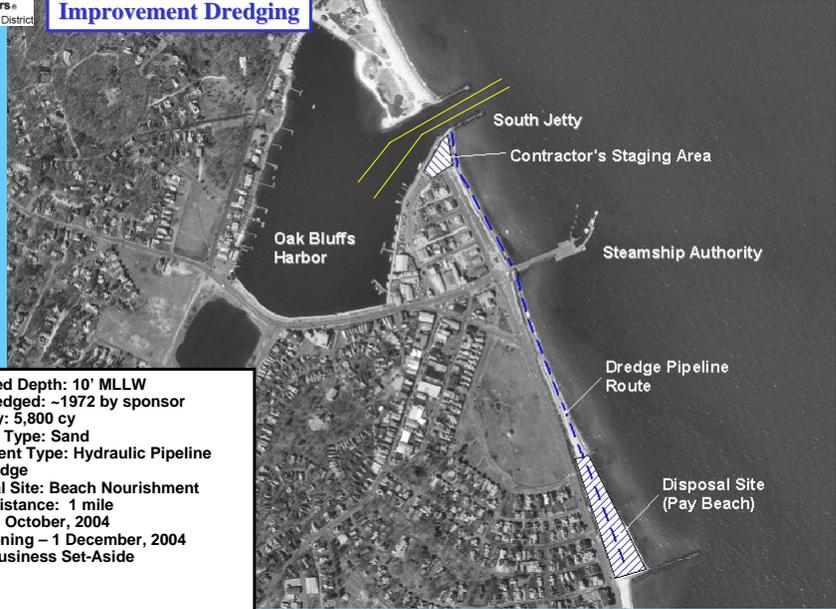
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**US Army Corps of Engineers**  
New England District

## Oak Bluffs, MA Improvement Dredging



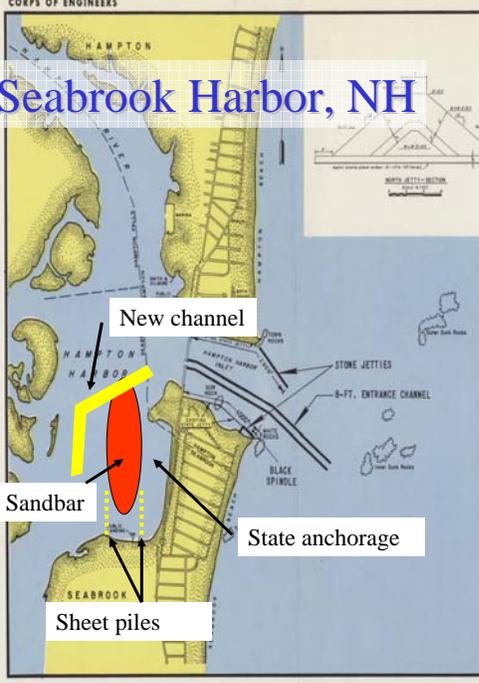
**Proposed Depth:** 10' MLLW  
**Last Dredged:** ~1972 by sponsor  
**Quantity:** 5,800 cy  
**Material Type:** Sand  
**Equipment Type:** Hydraulic Pipeline dredge  
**Disposal Site:** Beach Nourishment  
**Pump Distance:** 1 mile  
**IFB – 15 October, 2004**  
**Bid Opening – 1 December, 2004**  
**Small Business Set-Aside**

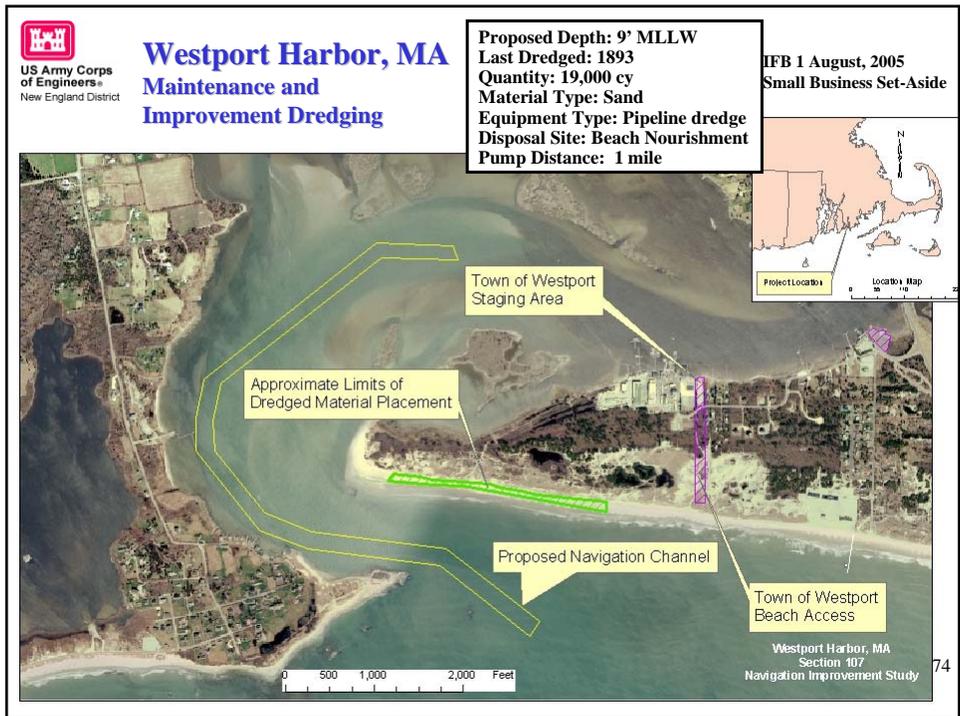
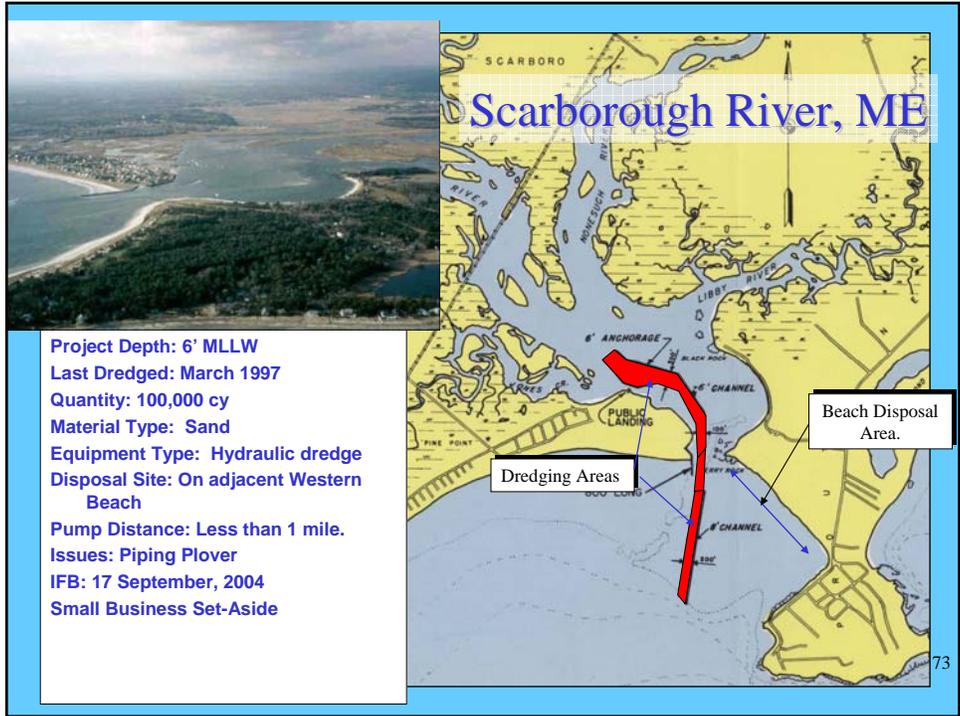
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## Seabrook Harbor, NH

**Section 227 Project (National Shoreline Erosion Control Development & Demonstration Program – WRDA '96)**  
**Project Depth:** n/a (not for navigation)  
**Quantity:** 86,000 cy  
**Material Type:** Sand  
**Equipment Type:** Hydraulic dredge  
**Disposal Site:** In-Harbor Cell to close cut  
**Pump Distance:** Less than 1 mile.  
**Issues:** Time of year restrictions  
**Award:** 16 August, 2004  
**Contractor:** Reed & Reed, Inc





## Boston Harbor, MA

Project Depth: 40'

Last Dredged: 2001

Quantity: 1,300,000 cy

Material Type: Silt/Clay

Equipment Type: Mechanical

Disposal Site: Open Water –  
Mass Bay Site

Haul Distance: 20 miles one way

Dredging Window: Channel west of  
Spectacle Island will not be dredged  
between February 1 – June 15

Issues: Lobsters, Marine Mammals

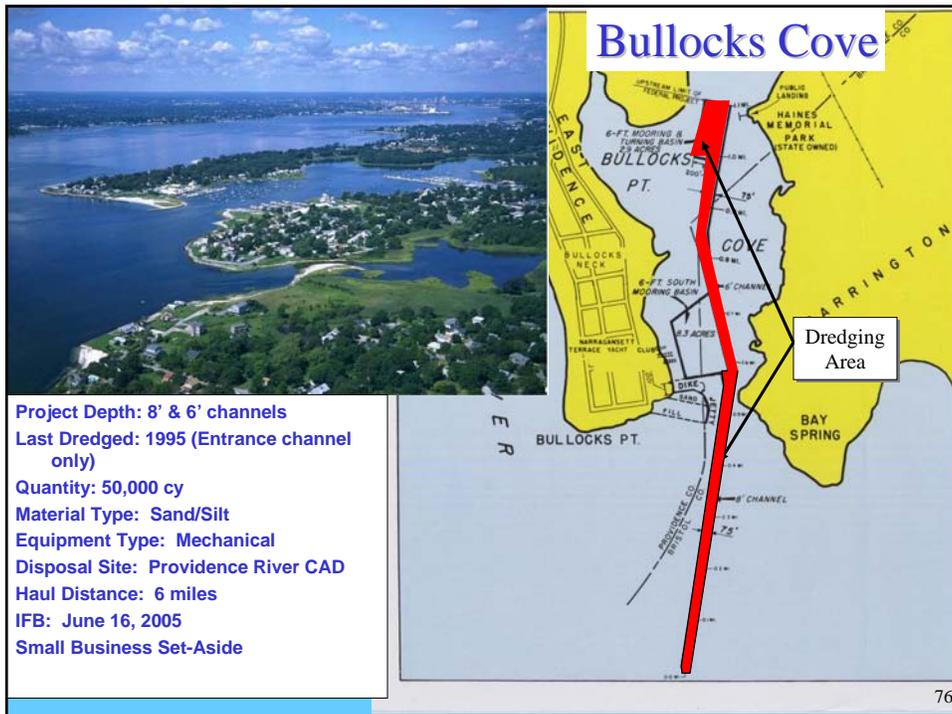
Award: 22 July, 2004

Low Bidder: Norfolk Dredging

Low Bid - \$7,303,030



75



Project Depth: 8' & 6' channels

Last Dredged: 1995 (Entrance channel  
only)

Quantity: 50,000 cy

Material Type: Sand/Silt

Equipment Type: Mechanical

Disposal Site: Providence River CAD

Haul Distance: 6 miles

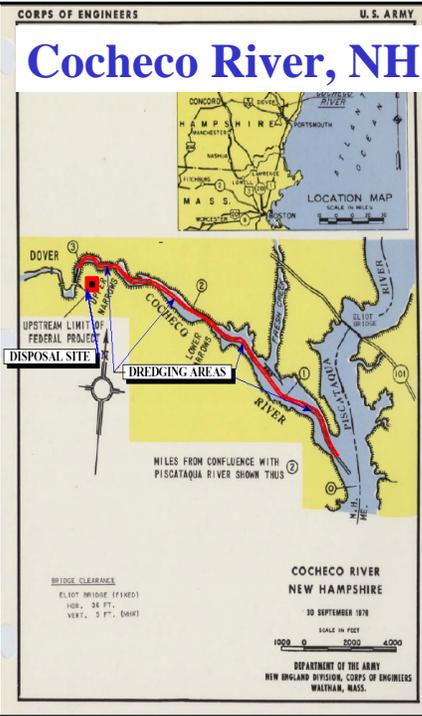
IFB: June 16, 2005

Small Business Set-Aside

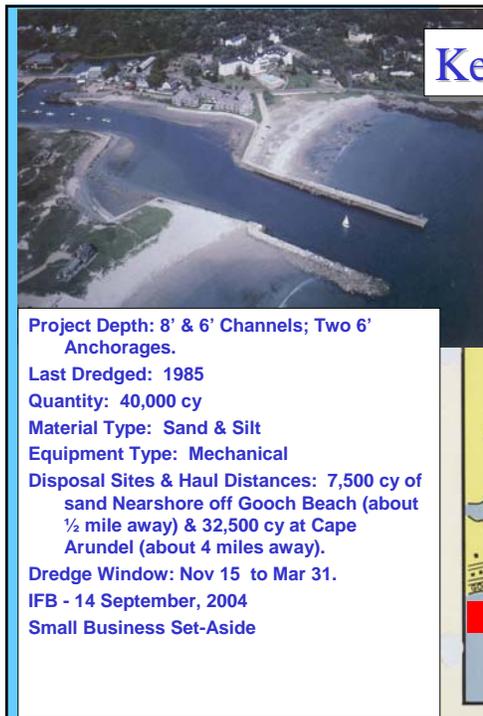
76



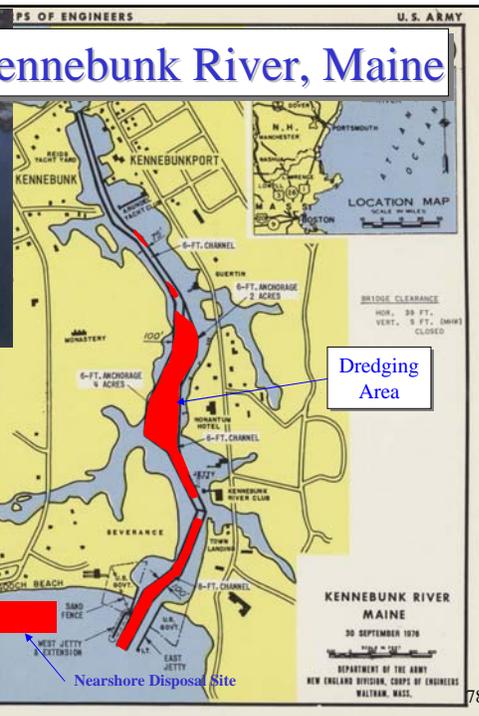
Project Depth: 7' MLLW  
 Last Dredged: 1907  
 Phase I - 40,000 cy  
 Phase II - 35,000 cy  
 Material Type: Sand/Silt  
 Equipment Type:  
 Mechanical dredge  
 Disposal Site: Upland  
 CDF  
 Haul Distance: 3 miles  
 Award: 14 September,  
 2004  
 Contractor: S&R  
 Corporation  
 Small Business Set-  
 Aside  
 Bid Price I & II -  
 \$3,379,000



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Project Depth: 8' & 6' Channels; Two 6'  
 Anchorages.  
 Last Dredged: 1985  
 Quantity: 40,000 cy  
 Material Type: Sand & Silt  
 Equipment Type: Mechanical  
 Disposal Sites & Haul Distances: 7,500 cy of  
 sand Nearshore off Gooch Beach (about  
 ½ mile away) & 32,500 cy at Cape  
 Arundel (about 4 miles away).  
 Dredge Window: Nov 15 to Mar 31.  
 IFB - 14 September, 2004  
 Small Business Set-Aside

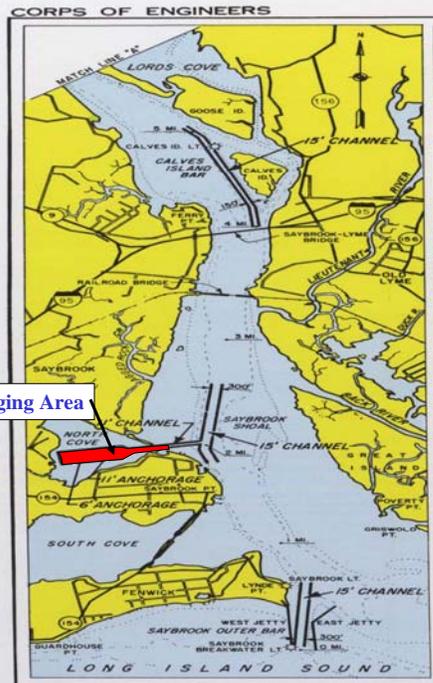


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# North Cove

Project Depth: 6' & 11' MLLW  
 Last Dredged: 1992  
 Quantity: 252,000 cy  
 Material Type: Silt  
 Equipment Type: Mechanical dredge  
 Disposal Site: Open Water at Cornfield Shoals  
 Haul Distance: 4.5 miles  
 Dredging Window: October 1 to May 31  
 Issues: Shortnose Sturgeon in the Connecticut River  
 IFB: 15 June, 2005

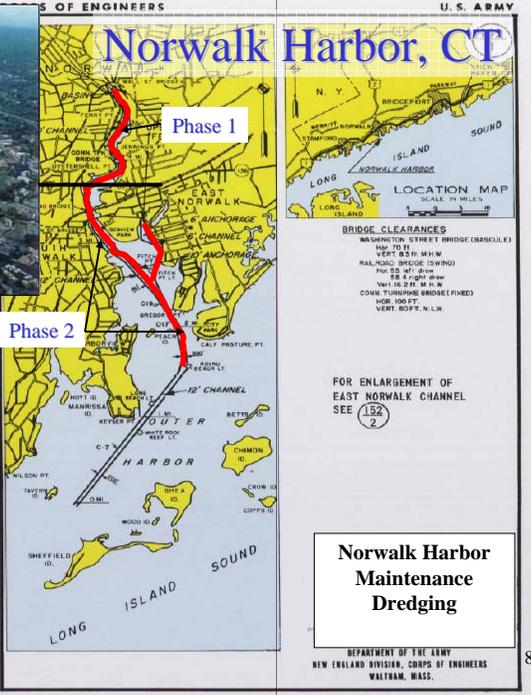
Dredging Area



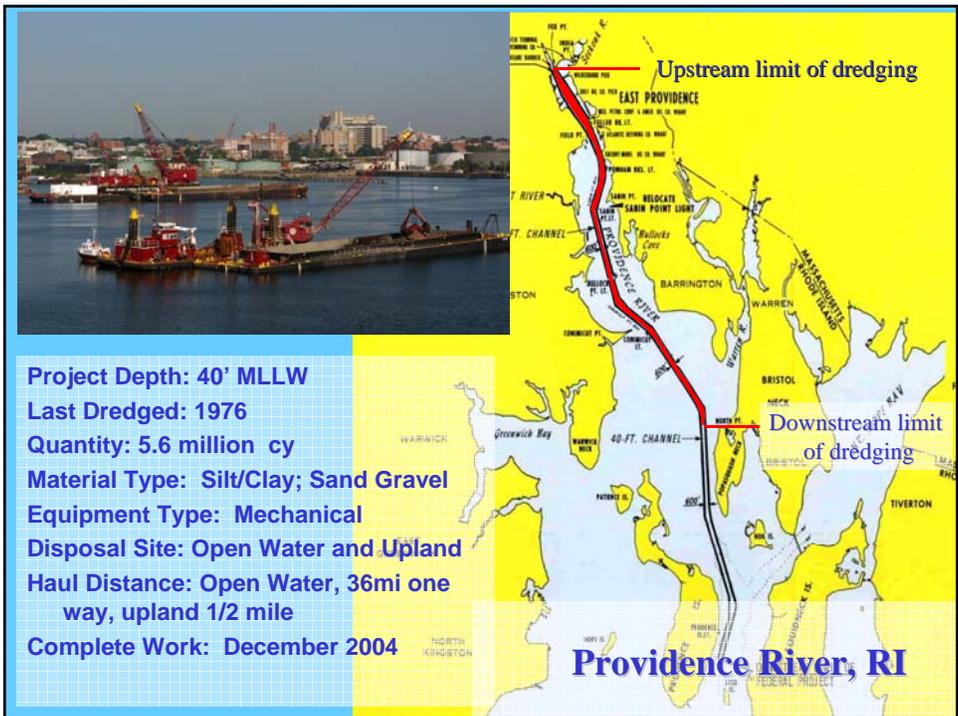
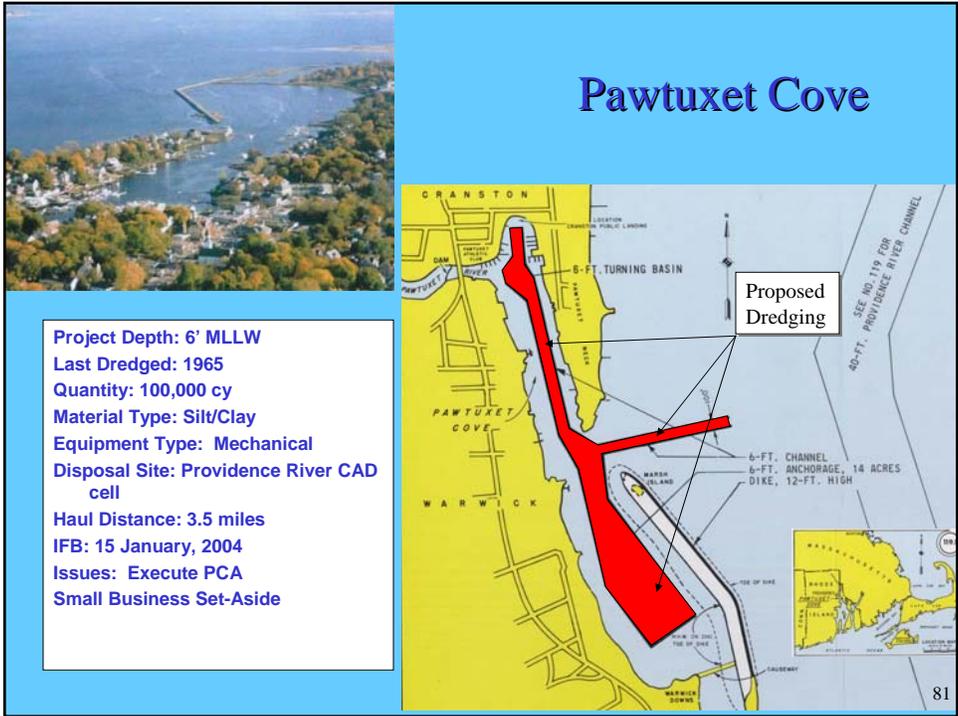
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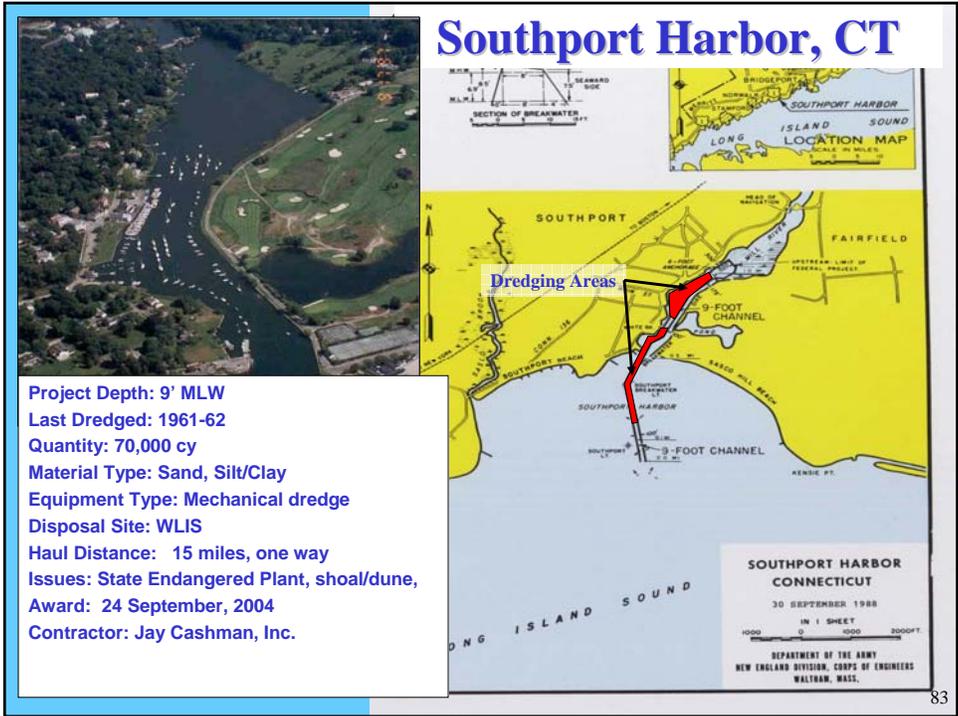


Project Depth: 6, 10, & 12' MLLW  
 Last Dredged: 1980-81  
 Two Phase work-  
 Phase 1 (FY 05) – 180,000 cy  
 Phase 2 (FY 06) – 350,000 cy  
 Material Type: Silt-Clay  
 Equipment Type: Mechanical dredge  
 Disposal Site: Open Water – CLIS & CAD cell  
 Haul Distance: 37 miles  
 Issues: CAD Disposal, CLIS closure  
 IFB: 31 May, 2005

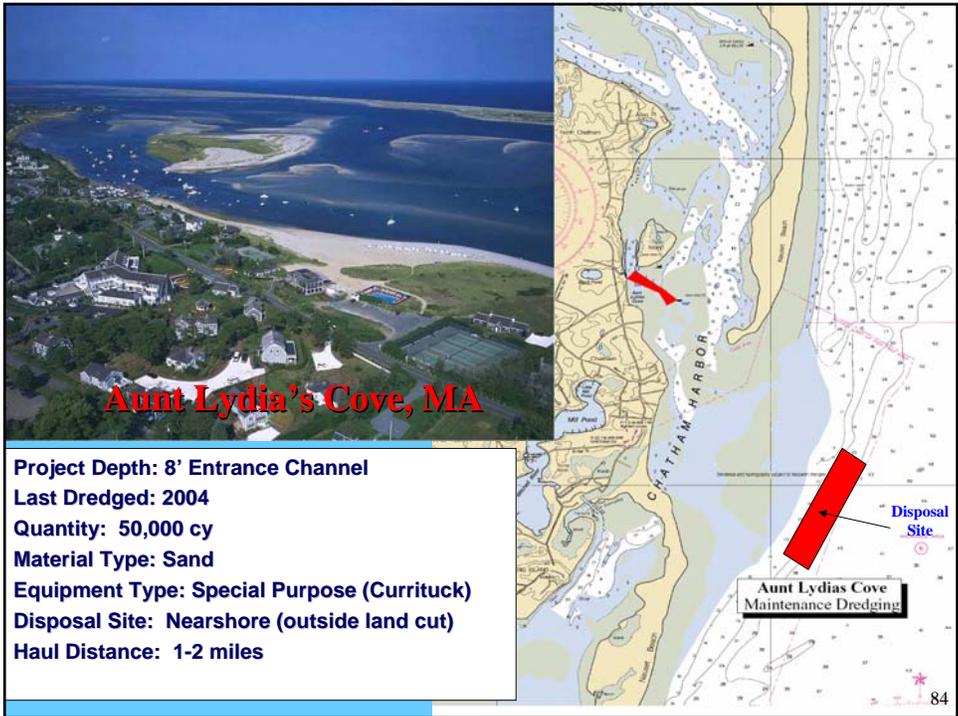


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# QUESTIONS



<http://operations.usace.army.mil>