

# **NEW YORK DISTRICT**

## **FY2013 - FY2017**

### **DREDGING PROGRAM**

**WEDA Eastern Chapter Annual Meeting**  
**October 2012**



US Army Corps of Engineers  
**BUILDING STRONG**



## **Overview**

- Dredging Schedule
- Maintenance Dredging Projects
- Deepening Projects
- Other Projects



## FY13 O&M Dredging Program

Project	Dredge Type	Quantity (CY)	Placement Site	Advertise	Bid Opening	Award	SB Set-Aside (Y/N)	Env. No-Work Windows	2012			2013												
									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
<b>Maintenance Dredging</b>																								
East Rockaway, NY	Pipeline	280K	Beach	25-Jul-12	4-Sep-12	20-Sep-12	N	1 Apr - 30 Sep																
NY Harbor: Red Hook Flats Anch.	Mechanical/Hopper	150K	HARS	1-Apr-13	2-May-13	16-May-13	N	1 Feb - 31 May																
Jamaica Bay, NY	Hopper	355K	HARS	3-Aug-12	4-Sep-12	20-Sep-12	N	N/A																
NY & NJ Channels: Seguine & Ward Pt Bend	Mechanical/Hopper	190K	HARS and Processing/Upland	10-Apr-13	10-May-13	25-Jul-13	N	15 Nov - 15 Jul																
Hudson River: North Germantown Reach, NY	Hopper	186K	Upland	7-May-12	29-Jun-12	7-Aug-12	N	1 Mar - 15 Aug																
Long Island Intracoastal Waterway, NY	Pipeline	30K	Beach	15-Aug-12	18-Sep-12	25-Sep-12	Y	15 Jan - 30 Sep																

LEGEND	
	Hopper
	Mechanical
	Pipeline

NOTE: SUBJECT TO THE AVAILABILITY OF FUNDS



## FY13 New Work Dredging Program & Other Work

Project	Dredge Type	Quantity (CY)	Placement Site	Advertise	Bid Opening	Award	SB Set-Aside (Y/N)	Env. No-Work Windows	2012			2013												
									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
<b>Harbor Deepening</b>																								
Newark Bay & Arthur Kill, S-NB-2/S-AK-1	Mechanical	2,838K	Upland, HARS, & Reef	1-May-08	29-Jul-10	30-Sep-10	N	1 Feb - 31 May																
Ambrose, S-AM-3a	Hopper	2,000K	NBCDF, HARS	1-Mar-11	21-Jul-11	2-Sep-11	N	N/A																
Ambrose, S-AM-3b	Hopper	1,600K	Upland & HARS	8-Aug-11	16-Sep-11	29-Sep-11	N	N/A																
Arthur Kill, S-AK-2	Mechanical	1,435K	Upland, HARS	28-Jul-11	1-Sep-11	30-Sep-11	N	15 Mar - 31 May																
Arthur Kill, S-AK-3	Mechanical	1,223K	Upland, HARS, & Reef	28-Sep-12	1-Nov-12	15-Dec-12	N	15 Mar - 31 May																
SRUC	Mechanical	899K	Upland, HARS	1-Apr-13	1-May-13	1-Jun-13	N	1 Feb - 31 May																
<b>Other Projects</b>																								
WOSI PL84-99, NY	Pipeline	243K	Beach	22-Aug-12	24-Sep-12	28-Sep-12	N	15 Jan - 30 Sep																
Sandy Hook to Barnegat Inlet	Hopper	1,000K	Beach	23-Aug-12	24-Sep-12	27-Sep-12	N	1 Apr - 1 Nov																
Westhampton Interim, NY	Pipeline/Hopper	200K	Beach	31-Jul-13	31-Aug-13	15-Sep-13	N	15 Jan - 15 May																
Port Monmouth, NJ	Hopper	392K	Beach	1-Jul-13	10-Sep-13	30-Sep-13	N	TBD																

LEGEND	
	Hopper
	Mechanical
	Pipeline

NOTE: SUBJECT TO THE AVAILABILITY OF FUNDS



## FY14–FY17 O&M, New Work Dredging Program & Other Work

Project	Dredge Type	Quantity (CY)	Placement Site	SB Set -Aside (Y/N)	Env. No-Work Windows	FY14				FY15				FY16				FY17			
						1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr	1 <sup>st</sup> Qtr	2 <sup>nd</sup> Qtr	3 <sup>rd</sup> Qtr	4 <sup>th</sup> Qtr
<b>Maintenance Dredging</b>																					
Buttermilk Channel	Mechanical	91K	Processing/ Upland	N	15 Nov – 31 May																
East Rockaway	Pipeline/ Hopper	150-200K	Beach	N	1 Apr – 30 Sep																
New York Harbor: Sandy Hook Channel	Mechanical/ Hopper	150K	HARS	N	1 Jan – 31 May																
Hudson River: Castleton to New Baltimore Reach	Hopper	150K	Upland	N	1 Mar – 1 Aug																
Jamaica Bay	Hopper	400K	Upland / Beach, HARS	N	N/A																
Lake Montauk Harbor	Pipeline	20K	Beach	Y	15 Jan – 30 Sep																
East River	Mechanical	400K	HARS	N	1 Jul – 30 Sep																
Moriches Inlet	Pipeline	250K	Beach	N	15 Jan – 30 Sep																
Newark Bay	Mechanical	100-150K	Processing/ Upland	N	1 Feb – 31 May																
NY & NJ Channels	Mechanical	60-200K	HARS, Processing/ Upland	N	15 Nov – 15 Jul																
Raritan River	Mechanical	60K	Processing/ Upland	N	15 Nov – 31 May																
Port Jersey Channel	Mechanical	70K	Processing/ Upland	N	1 Feb – 31 May																
<b>Harbor Deepening</b>																					
Arthur Kill, S-AK-3	Mechanical	1,223K	Upland, HARS, & Reef	N	15 Mar – 31 May																
Arthur Kill, S-AK-4 (40 ft)	Mechanical	538K	Upland, HARS, & Reef	N	15 Mar – 31 May																
<b>Other Projects</b>																					
Sandy Hook to Barnegat Inlet	Hopper	1,000K	Beach	N	1 Apr – 1 Nov																
Westhampton Interim	Pipeline/ Hopper	200K	Beach	N	15 Jan – 15 May																
Port Monmouth, NJ	Hopper	392K	Beach	N	TBD																

**LEGEND**

- Hopper
- Mechanical
- Pipeline

NOTE: SUBJECT TO THE AVAILABILITY OF FUNDS

## East Rockaway Inlet, NY



QUANTITY TO BE DREDGED:	280,000 CY
CONTRACT DEPTH:	14 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2010
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 April – 30 September

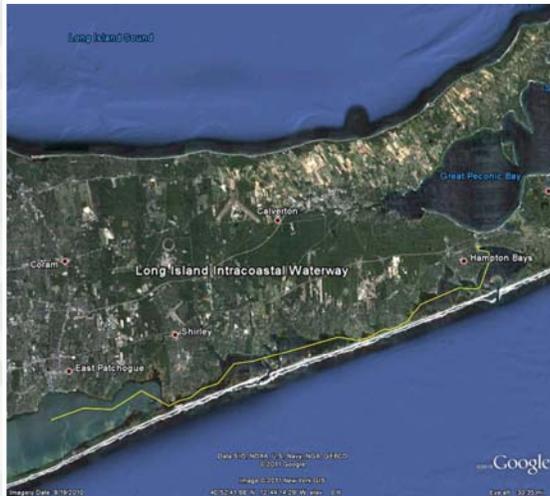
## Jamaica Bay, NY



QUANTITY TO BE DREDGED:	355,000 CY
CONTRACT DEPTH:	20 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: N/A



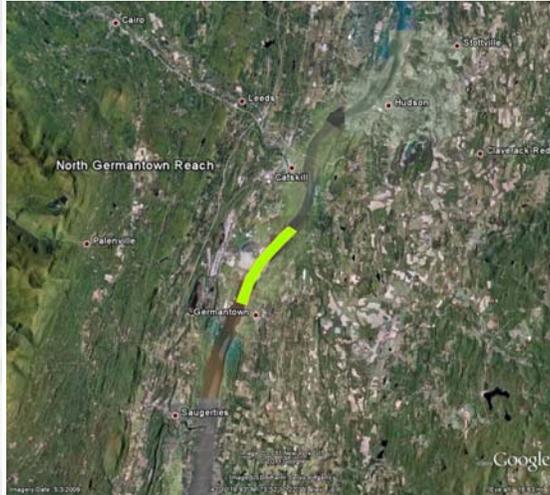
## Long Island Intracoastal Waterway, NY



QUANTITY TO BE DREDGED:	30,000 CY
CONTRACT DEPTH:	6 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2010
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 30 September



## Hudson River: North Germantown Reach, NY



QUANTITY TO BE DREDGED:	186,000 CY
CONTRACT DEPTH:	32 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2001
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 March - 15 August



## NY Harbor: Red Hook Flats Anchorage



QUANTITY TO BE DREDGED:	150,000 CY
CONTRACT DEPTH:	35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2001
EQUIPMENT:	Mechanical / Hopper Dredge
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 1 February - 31 May



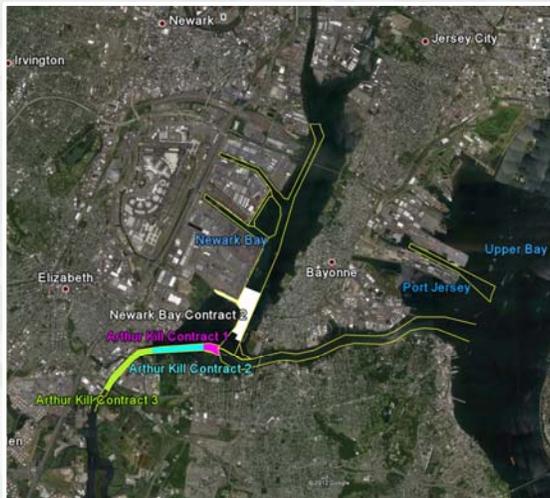
## NY & NJ Channels: Seguine Pt. and Ward Pt. Bend



QUANTITY TO BE DREDGED:	190,000 CY
CONTRACT DEPTH:	35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2004 & 2008
EQUIPMENT:	Mechanical / Hopper Dredge
PLACEMENT SITES:	HARS and Processing/Upland
ISSUES:	No Work Windows: 15 November - 15 July



## NY & NJ 50' Harbor Deepening Project



DESCRIPTION:	Channel deepening from 40-45 ft to 50 ft
DREDGED MATERIAL:	Sand, Silt, Clay, Glacial Till, and Rock
EQUIPMENT:	Mechanical & Hopper Dredges
PLACEMENT SITES:	HARS, Upland, Reef Site
OTHER:	Blasting Required. Beneficial use of dredged material opportunities/partnering
PARTNER:	Cost-shared with the Port Authority NY & NJ

CONTRACT	STATUS	AWARD(ED)	CUBIC YARD
Kill Van Kull Contract 2	Complete	-	-
Ambrose Contract 2a	Complete	-	-
Port Elizabeth Channel	Complete	-	-
Newark Bay Contract 1	Complete	-	-
Kill Van Kull Contract 1	Complete	-	-
Anchorage, Contract 1b	Complete	-	-
Ambrose, Contract 2b	Complete	-	-
Anchorage, Contract 2	Complete	-	-
Port Jersey, Contract 4	Complete	-	-
Newark Bay, Contract 2	On-Going	Sep 2010	2.8 Million
Arthur Kill, Contract 1	On-Going	Sep 2010	2.8 Million
Ambrose, Contract 3a	On-Going	Sep 2011	2.0 Million
Ambrose, Contract 3b	On-Going	Sep 2011	1.6 Million
Arthur Kill, Contract 2	On-Going	Sep 2011	1.4 Million
Arthur Kill, Contract 3	Pending	Nov 2012	1.3 Million
SRUC	Pending	Jun 2013	800,000

NOTE: Ambrose Channel Contracts Not Shown;  
SRUC Contract includes "clean up" dredging of other reaches throughout the Harbor Deepening Project



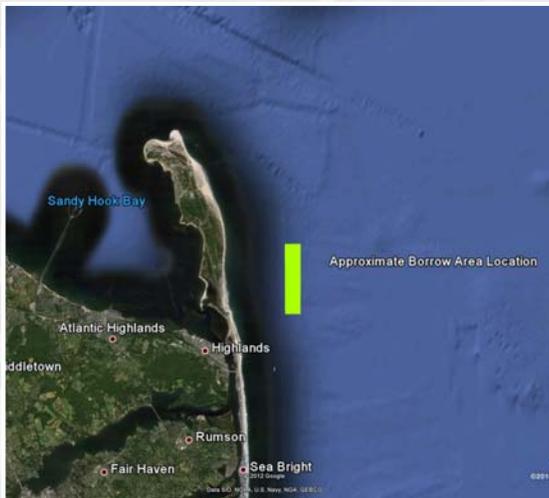
## West of Shinnecock Inlet (WOSI) PL84-99, NY



QUANTITY TO BE DREDGED:	243,000 CY
CONTRACT DEPTH:	26 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 30 September



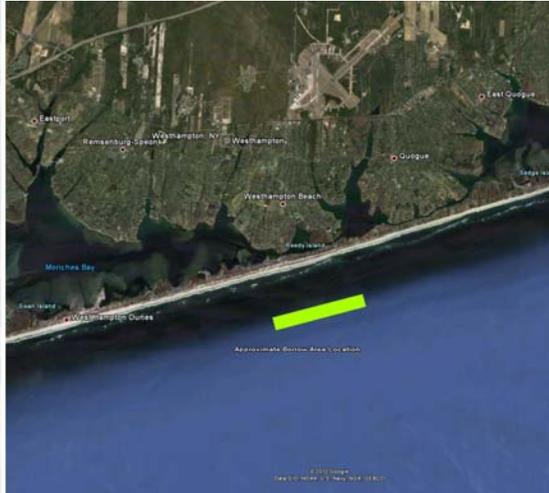
## Sandy Hook to Barnegat Inlet, NJ



QUANTITY TO BE DREDGED:	1,000,000 CY
CONTRACT DEPTH:	56 ft / 63 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 April - 1 November



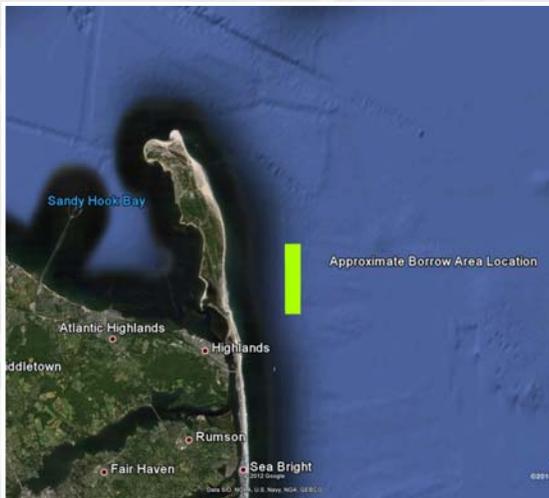
## Westhampton Interim, NY



QUANTITY TO BE DREDGED:	200,000 CY
CONTRACT DEPTH:	85 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Pipeline / Hopper Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 15 May



## Port Monmouth, NJ



QUANTITY TO BE DREDGED:	392,000 CY
CONTRACT DEPTH:	56 ft / 63 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: TBD

