

NEW YORK DISTRICT

FY2012 - FY2016

DREDGING PROGRAM

WEDA Eastern Chapter Annual Meeting
11 October 2011



US Army Corps of Engineers
BUILDING STRONG



Overview

- Dredging Schedule
- Maintenance Dredging Projects
- Deepening Projects



BUILDING STRONG

FY12 O&M and New Work Dredging Program

Project	Dredge Type	Quantity (CY)	Placement Site	Advertise	Bid Opening	Award	SB Set-Aside (Y/N)	Env. No-Work Windows	2011			2012												
									OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				
Maintenance Dredging																								
Lake Montauk Harbor, NY	Pipeline	16K	Beach	29-Jun-11	8-Sep-11	27-Sep-11	Y	15 Jan - 30 Sep																
NY Harbor: Sandy Hook & Main Ship Channels	Hopper/Mechanical	345K	HARS	26-Sep-11	26-Oct-11	8-Nov-11	N	1 Jan - 31 May																
Jamaica Bay, NY	Hopper	391K	Upland, HARS	5-Dec-11	10-Jan-12	24-Jan-12	N	TBD																
NY & NJ Channels: Arthur Kill	Mechanical	60K	Processing/Upland	15-May-12	15-Jun-12	1-Jul-12	N	1 Feb - 31 Jul																
Hudson River: North Germantown Reach	Hopper	186K	Upland	15-May-12	15-Jun-12	15-Jul-12	N	1 Mar - 15 Aug																
Long Island Intracoastal Waterway	Pipeline	25K	Beach	15-Jul-12	15-Aug-12	1-Sep-12	Y	15 Jan - 30 Sep																
Harbor Deepening																								
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, & Reef	28-Jul-11	1-Sep-11	30-Sep-11	N	15 Mar - 31 May																
Arthur Kill, S-AK-3	Mechanical	970K	Upland, HARS, & Reef	15-May-12	1-Jul-12	31-Aug-12	N	15 Mar - 31 May																
Port Jersey 4	Mechanical	110K	Upland, HARS	2-Dec-10	N/A	18-Mar-11	N	N/A																

Hopper
Mechanical
Pipeline

NOTE: SUBJECT TO THE AVAILABILITY OF FUNDS



FY13 - FY16 O&M and New Work Dredging Program

Project	Dredge Type	Quantity (CY)	Placement Site	SB Set-Aside (Y/N)	Env. No-Work Windows	FY13				FY14				FY15				FY16			
						1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr
Maintenance Dredging																					
Buttermilk Channel	Mechanical	91K	Processing/Upland	N	15 Nov - 31 May																
East Rockaway	Hopper/Pipeline	150-200K	Beach	N	1 Apr - 30 Sep																
Fire Island Inlet	Pipeline	1.7M	Beach	N	1 Apr - 30 Sep																
Hudson River: North Germantown Reach	Hopper	186K	Upland	N	1 Mar - 15 Aug																
Hudson River: Castleton to New Baltimore Reach	Hopper	150K	Upland	N	1 Mar - 1 Aug																
Jamaica Bay	Hopper	400K	Upland, HARS	N	1 Apr - 30 Sep																
Lake Montauk Harbor	Pipeline	20K	Beach	Y	15 Jan - 30 Sep																
Long Island Intracoastal Waterway	Pipeline	25K	Beach	Y	15 Jan - 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	Processing/Upland	N	15 Nov - 15 Jul																
Raritan River	Mechanical	60K	Processing/Upland	N	15 Nov - 31 May																
Harbor Deepening																					
Newark Bay & Arthur Kill, S-NB-2/S-AK-1	Mechanical	2,838K	Upland, HARS, & Reef	N	1 Feb - 31 May																
Ambrose, S-AM-3b	Hopper	1,600K	Upland & HARS	N	N/A																
Arthur Kill, S-AK-2	Mechanical	1,435K	Upland, HARS, & Reef	N	15 Mar - 31 May																
Arthur Kill, S-AK-3	Mechanical	970K	Upland, HARS, & Reef	N	15 Mar - 31 May																

Hopper
Mechanical
Pipeline

NOTE: SUBJECT TO THE AVAILABILITY OF FUNDS



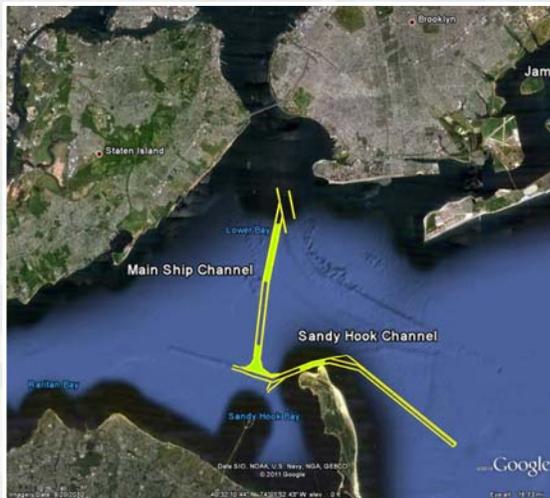
Lake Montauk Harbor



QUANTITY TO BE DREDGED:	16,000 CY
CONTRACT DEPTH:	12 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2008
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 30 September



NY Harbor: Sandy Hook & Main Ship Channels



QUANTITY TO BE DREDGED:	345,000 CY
CONTRACT DEPTH:	30 & 35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2009 (Sandy Hook) & 1993 (Main Ship)
EQUIPMENT:	Mechanical / Hopper Dredge
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 1 January - 31 May



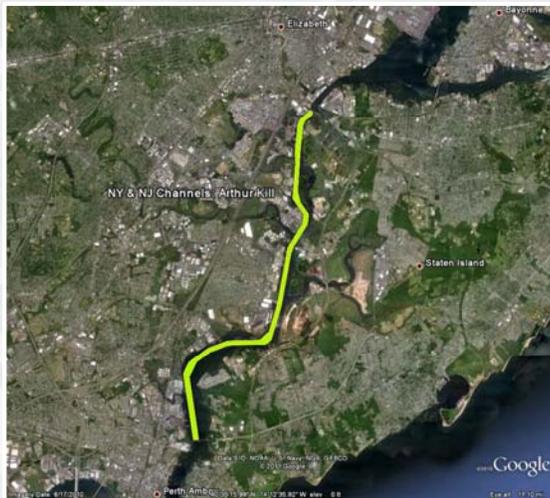
Jamaica Bay



QUANTITY TO BE DREDGED:	391,000 CY
CONTRACT DEPTH:	20 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland, HARS
ISSUES:	No Work Windows: TBD



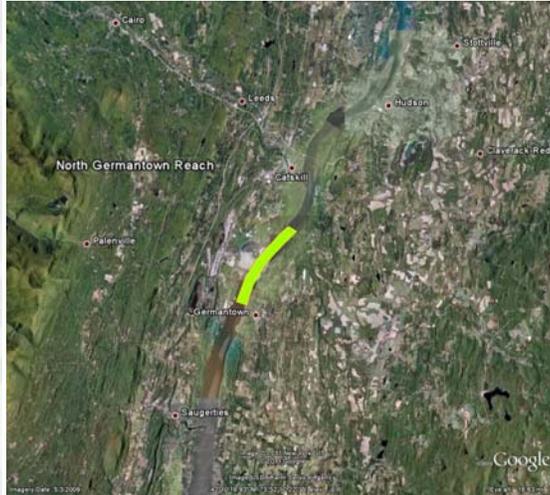
NY & NJ Channels: Arthur Kill



QUANTITY TO BE DREDGED:	60,000 CY
CONTRACT DEPTH:	35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2010
EQUIPMENT:	Mechanical Dredge
PLACEMENT SITES:	Processing/Upland
ISSUES:	No Work Windows: 1 February - 31 July



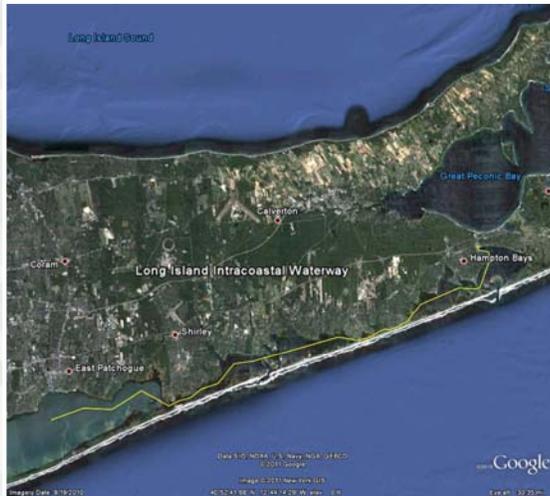
Hudson River: North Germantown Reach



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



Long Island Intracoastal Waterway



QUANTITY TO BE DREDGED:	25,000 CY
CONTRACT DEPTH:	6 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 15 January - 30 September



NY & NJ 50' Harbor Deepening Project



NOTE: Ambrose Channel Contracts Not Shown

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	-	-
Newark Bay, Contract 2	On-Going	Sep 2010	2.8 Million
Arthur Kill, Contract 1	On-Going	Sep 2010	2.8 Million
Port Jersey, Contract 4	On-Going	Dec 2010	110,000
Ambrose, Contract 3a	New	Sep 2011	2.0 Million
Ambrose, Contract 3b	New	Sep 2011	1.6 Million
Arthur Kill, Contract 2	New	Oct 2011	1.4 Million
Arthur Kill, Contract 3	Pending	Sep 2012	970,000

