

Updated as of: December 31, 2010	NEW JERSEY HISTORICAL BEACHFILL DATABASE - RARITAN AND SANDY HOOK BAYS, NJ (through 31 December 2010)								
Location	County	Date (Yr)	Date (Mo)	Quantity (cy)	Placement Area	Notes	Borrow Source	Contract Number	Source

MIDDLESEX COUNTY

Cliffwood Beach	Middlesex	1953		6,153,000		U.S. Gov't			8
Cliffwood Beach	Middlesex	1956		583,000		Middlesex County Sewerage Auth.			8
Highlands	Middlesex	1966		620,000	Cheesequake Creek to Whale Creek	U.S. Gov't			9
Highlands	Middlesex	1968		900,000	Sandy Hook State Park	Atlantic Ocean side of Spermangetti Cove			2

MONMOUTH COUNTY

Keansburg	Monmouth	1940		11,000	E of Waycake and Thorns Creek	Municipality			8
Keansburg	Monmouth	1954		307,000	Waycake creek to Pews Creek	State/Local			8
Keansburg	Monmouth	1954	Jul	58,502	Belvedere Beach	Oakwood to Pinewood			2
Keansburg	Monmouth	1966		10,000	Public Beach Area	State/Local			1
Keansburg	Monmouth	1983	Jan	181,564	Raritan Bay at Cliffwood Beach	1000 ft x 50 ft			2
Keansburg	Monmouth	1985		103,000	Raritan Bay at Cliffwood Beach	1001 ft x 50 ft			15
Keansburg	Monmouth	1988		36,000	E of Cheesequake Creek	State/Local	Cheesequake Creek		9
Keansburg	Monmouth	1995		18,000	E of Cheesequake Creek	State/Local	Cheesequake Creek		9
Keansburg	Monmouth	1997		75,000	Public Beach Area	State/Local	Upland		11
Keansburg	Monmouth	2000		1,000	E of Cheesequake Creek	State/Local	Cheesequake Creek		9
Laurence Harbor	Monmouth	1957		438,000	Point Comfort to Ideal beach	State/Local			8
Laurence Harbor	Monmouth	1972		2,100,000	Waycake Creek to Bray Ave.	U.S. Gov't	offshore		
Laurence Harbor	Monmouth	1982		67,000	E of Waycake and Thorns Creek	State/Local	Waycake Creek		13
Laurence Harbor	Monmouth	1993		39,000	E of Waycake and Thorns Creek	State/Local	Raritan Bay Channel		13
Middletown-Atlantic Highlands	Monmouth	1994		24,000	E of Waycake and Thorns Creek	State/Local	Waycake Creek		13
Middletown-Atlantic Highlands	Monmouth	1999		40,000	E of Waycake and Thorns Creek	State/Local	Waycake Creek		13
Middletown-Atlantic Highlands	Monmouth	2002		22,000	E of Waycake and Thorns Creek	State/Local	Waycake Creek		13
Middletown-Belford	Monmouth	1954	Jul	195,000	Bray Ave. to Ocean Ave.	State/Local			8
Middletown-Belford	Monmouth	1972		700,000	Bray Ave to Pews Creek	U.S. Gov't	offshore		13
Middletown-East Keansburg	Monmouth	1967	May	450,000	Pews Creek to Comptons Creek		offshore		10
Middletown-East Keansburg	Monmouth	1967	May	70,000	Pews Creek to Comptons Creek		Compton Creek		10
Middletown-Leonardo	Monmouth	1957		100,000	East of Comptons Creek Jetty	U.S. Gov't	Compton Creek		10
Middletown-Port Monmouth	Monmouth	1945		54,000		State/Local			8
Middletown-Port Monmouth	Monmouth	1967	Apr	50,000	Shorefront of Sandy Hook Bay	East of Comptons Creek Jetty			2
Sayreville	Monmouth	1941		409,000		U.S. Gov't			8
South Amboy	Monmouth	1956		195,000		U.S. Gov't			8
Union Beach	Monmouth	1950		134,000	W Highlands	U.S. Gov't			8
Union Beach	Monmouth	1966		10,000		State/Local			1

Total Beach Nourishment - Monmouth County Bays 8,256,000
Total Beach Nourishment - Middlesex County Bays 5,898,066

KEY TO SOURCES	
1	USACE Projects from 'NJDEPE Beach Nourishment Projects: 1940-1992'
2	NJDEP Projects from 'NJDEPE Beach Nourishment Projects: 1940-1992'
3	Duke - Data from Duke Univ. Database (www.env.duke.edu/psds/nourishment.htm)
4	USACE Individual Project Feasibility Reports: Historical Beach Nourishment Table
5	USACE Project Summary Reports
6	History of Beach Nourishment at the Critical Zone from Coastal Planning Associates Course (May 2004)
7	USACE - NAN Sandy Hook to Barnegat Inlet, NJ Beach Erosion Control Project Summary Sheet
8	USACE - NAN Raritan Bay to Sandy Hook Bay, NJ Survey Report (1960)
9	USACE - NAN Raritan Bay to Sandy Hook Bay, Madison Township Operations and Maintenance Manual
10	USACE - NAN Raritan Bay to Sandy Hook Bay, Reconnaissance Report
11	USACE - NAN Raritan Bay to Sandy Hook Bay, Union Beach Feasibility Report
12	USACE - NAN Raritan Bay to Sandy Hook Bay, Keansburg and East Keansburg, General Design Memorandum #2
13	USACE - NAN Raritan Bay to Sandy Hook Bay, Keansburg, East Keansburg, and Laurence Harbor Section 506 Report
14	USACE - NAN Raritan Bay to Sandy Hook Bay, Port Monmouth Feasibility Report
15	USACE - NAN Raritan Bay to Sandy Hook Bay, Matawan Township-Cliffwood Beach, General Design Memorandum #2
16	USACE - NAN Sandy Hook to Barnegat Inlet, NJ Beach Erosion Control Project Summary Sheet
17	USACE - NAN Sandy Hook to Barnegat Inlet, NJ Asbury Park to Manasquan General Design Memorandum