

Updated as of: <b>April 17, 2012</b>		<b>NEW JERSEY HISTORICAL BEACHFILL DATABASE - MONMOUTH COUNTY ATLANTIC COAST (through 31 December 2011)</b>							
Location	Date Start (Yr)	Date end (Yr)	Date (Mo)	Quantity (cy)	Placement Area	Notes	Borrow Source	Contract Number	Source
Avon by the Sea	1947			150,000	Shark River Inlet - North of Inlet		Shark River Inlet		17
Avon by the Sea	1949			16,000		Navigation - Federal	Shark River Inlet		17
Avon by the Sea	1958			250,000	Shark River Inlet - North of Inlet		Upland		17
Avon by the Sea	1971			120,000		Navigation - Federal			3
Avon by the Sea	1982			136,000		Navigation - Federal			3
Belmar	1967		May	45,000	19th Ave to North Blvd. (South Boro Line)				2
Belmar	1970		Mar	26,026	20th Ave to North Blvd.				2
Belmar	1975		Oct	20,000	North Blvd. to 20th Ave				2
Belmar/Spring Lake	1972		Oct	40,000	South Blvd. to 19th Ave				2
Belmar/Spring Lake	1994			70,000		State/Local			3
Bradley Beach	1958			250,000	Avon to Bradley Beach				1
Bradley Beach	1960			250,000					1
Long Branch	1943		Jan	15,000	Pullman ave to Lake Dr.	Beachfill placed behind bulkhead			2
Long Branch	1945		Mar	18,732	Between Jetty 35 & 37	Beachfill placed behind bulkhead			2
Long Branch	1948			600,000	placed in 38 ft of water	Federal-Offshore placement test			1
Long Branch	1962			25,000					1
Long Branch	1963			27,100					1
Sandy Hook	1945			400,000	Narrow Neck				1
Sandy Hook	1976	1977		196,193	Gateway Nat. Rec. Area - Critical Zone	Total for small scale projects; trucked in beachfill			6
Sandy Hook	1977	1978		98,096	Gateway Nat. Rec Area - Small offshore mound	Dredged from Sandy Hook Channel in winter			6
Sandy Hook	1982	1983		2,173,814	Gateway Nat. Rec. Area - Critical Zone				6
Sandy Hook	1982	1983		200,116	1st Groin Compartment to the south of the zone	Act as feeder beach			6
Sandy Hook	1984		Spring	599,041	Gateway Nat. Rec. Area - Critical Zone				6
Sandy Hook	1989	1990	Sep-Jan	2,029,939	Gateway Nat. Rec. Area - Critical Zone				6
Sandy Hook	1989	1990	Sep-Jan	507,485	Gateway Nat. Rec. Area - feeder beach	Placed in updrift groin compartment			6
Sandy Hook	1997		Jan-Mar	54,934	Gateway Nat. Rec Area - P1 to PE2 profile locs	Trucked in to create a sand dike			6
Sandy Hook	1997	1998	Dec-Feb	287,749	Gateway Nat. Rec. Area - Critical Zone	Pumped from offshore	Sea Bright Borrow Area		6
Sandy Hook	2002		Nov	252,434	Gateway Nat. Rec. Area - Critical Zone	Pumped from offshore - piggyback with S.B to Mon.	Sea Bright Borrow Area		6
Sandy Hook to Barnegat Inlet	1995		Nov	4,600,000	Monmouth	Section I - Sea Bright to Ocean Township	Sea Bright Borrow Area	1A	16
Sandy Hook to Barnegat Inlet	1996		Dec	3,800,000	Sea Bright	Section I - Sea Bright to Ocean Township	Sea Bright Borrow Area	1B	16
Sandy Hook to Barnegat Inlet	2002		Dec	2,100,000	Monmouth and Sea Bright - 1st Renourishment	Section I - Sea Bright to Ocean Township	Sea Bright Borrow Area	1A and 1B	16
Sandy Hook to Barnegat Inlet	1999		Sep	4,300,000	Long Branch	Section I - Sea Bright to Ocean Township	Sea Bright Borrow Area	2	16
Sandy Hook to Barnegat Inlet	1999		Aug	4,100,000	Shark River Inlet to Manasquan Inlet (South Reach)	Section II - Asbury to Manasquan	Belmar Offshore Borrow Area	1	16
Sandy Hook to Barnegat Inlet	1999	2001	Jan	3,100,000	Asbury to Shark River Inlet	Section II - Asbury to Manasquan	Belmar Offshore Borrow Areas		16
Sandy Hook to Barnegat Inlet	2009	2009	Jan	728,985	Long Branch	Section I - Sea Bright to Ocean Township	Sea Bright Borrow Area	2	18
Sea Bright	1962			25,000					1
Sea Bright	1963			1,433,000	Monmouth Beach	Emergency - Federal			1
Sea Bright	1966			425,000					1
Sea Bright	1983			1,433,000					1
Sea Girt	1962			46,300					17
Sea Girt	1966			250,000	NJ State Police Academy	Federal, offshore dredging experiment			17
Sea Girt	1978		Apr	60,744	Trenton to Boston Blvds.	Emergency Beachfill			2
Spring Lake	1959		Jun	2,000	1st and Brown Streets	Emergency fill			2
Spring Lake	1969		May	93,600	Pitney Ave to St. Clair Ave	State/Local			17
Spring Lake	1970		Jun	55,000	Jersey Ave to St. Clair Ave				2
Spring Lake	2002		Jul	225,000			Sea Bright Borrow Area		

**Total Beach Nourishment - Monmouth County Atlantic Coast**

**35,636,288**

<b>KEY TO SOURCES</b>	
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 ( <a href="http://www.env.duke.edu/psds/nourishment.htm">www.env.duke.edu/psds/nourishment.htm</a> )

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 Barnegat General Design Memorandum
18	USACE - NAN Sandy Hook to Barnegat Inlet, NJ Asbury Park to Barnegat pre- and post-construction surveys