

Updated as of: December 31, 2010		NEW JERSEY HISTORICAL BEACHFILL DATABASE - MONMOUTH COUNTY ATLANTIC COAST (through 31 December 2010)							
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

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