

Annual Dredging Cycle Projections (Appendix C)				Projections							
Facility	City	Completed	Est. Cycle	Quantity	2010	2011	2012	2013	2014	2015	2016
Atl. Highlands Harbor - Fed Channel	Atl. Highlands	10/21/1986	23	508,184	508,184						
Atlantic Highlands Harbor	Atl. Highlands	2/15/2000	7	11,800							
Atlantic Highlands Harbor	Atl. Highlands	12/16/2004	7	4,000							
Atlantic Highlands Harbor	Atl. Highlands	12/22/2005	7	20,000				25,000			
Atlantic Highlands Harbor	Atl. Highlands	12/31/2007	7	18,200						18,200	
Compton Creek	Belford	1/1/2006	7	43,930					45,000		
Compton Creek (widening & deepening)	Belford	need	20	100,000	100,000						
Compton Creek/Shoal Harbor-Fed Channel	Belford	7/23/1999	10	81,710	82,000						
Compton Creek-Ferry Terminal	Belford	1/14/1999	10	12,658	13,000						
Captain's Cove	Highlands	2/17/1999	3	350							
Captain's Cove	Highlands	3/1/2001	3	350	350			350			350
Eugene Shute	Highlands	6/27/2000	3	332							
Sandy Hook Bay Marina	Highlands	need	5	40,000	40,000					9,000	
USCG Sandy Hook	Highlands	5/20/2002	7	1,900	2,000						
Windansea Dock & Dine	Highlands	need	3	20	20			20			20
Keansburg	Keansburg	annually	1	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Keansburg - Waackaak/Thorns	Keansburg	12/18/2001	8	29,100	30,000						
Keansburg Jetty Reconstruction	Keansburg	12/23/2003	6	30,000	30,000						30,000
Raritan Bay Marina	Keansburg		5	?							
Aero Marine Terminal	Keyport	9/4/2002	7	6,000	6,000						
Brown's Point Marina	Keyport	pending	10	1,700	2,000						
Hans Pedersen and Sons	Keyport	9/4/2002	5	6,000							
Hans Pedersen and Sons	Keyport	8/1/2007	5	6,000				6,000			
Keyport Marine Basin	Keyport	10/21/2003	10	15,000					15,000		
Keyport Harbor-Fed. Channel	Keyport	11/8/1990	19	55,644	56,000						
Matawan Creek	Keyport	5/29/2002	7	180	200						
Matawan Creek-Fed Channel	Keyport	11/7/1984	25	135,294	136,000						
Wagners Twin Towers Marina	Keyport	4/26/2001	8	35	35						
Leonardo Marina - Fed Channel	Leonardo	10/26/1991	18	58,756	59,000						
Leonardo State Marina	Leonardo	7/3/2003	6	2,500	2,500						2,500
Leonardo State Marina	Leonardo	annually '08	1	600	600	600	600	600	600	600	600
Monmouth Cove Marina	Port Monmouth	2/24/2004	5	9,050	9,000					9,000	
Union Beach	Union Beach	open		4,000							
Captain's Cove Marina (Waackaak Crk)	W. Keansburg	12/17/2002	7	2,540	2,500						
Lentze Marina, Inc.	W. Keansburg	12/12/2002	5	4,000	4,000					4,000	
					1,089,389	6,600	6,600	37,970	66,600	46,800	39,470

bold # in Est. Cycle=assumption based on last dredging effort. 2010 & 2033 reflect federal dredging cycle

Annual Dredging Cycle Projections (Appendix C)												
Facility	City	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Atl. Highlands Harbor - Fed Channel	Atl. Highlands											
Atlantic Highlands Harbor	Atl. Highlands											
Atlantic Highlands Harbor	Atl. Highlands											
Atlantic Highlands Harbor	Atl. Highlands				25,000							
Atlantic Highlands Harbor	Atl. Highlands						18,200					
Compton Creek	Belford					45,000						
Compton Creek (widening & deepening)	Belford											
Compton Creek/Shoal Harbor-Fed Channel	Belford				82,000							
Compton Creek-Ferry Terminal	Belford				13,000							
Captain's Cove	Highlands											
Captain's Cove	Highlands			350			350			350		
Eugene Shute	Highlands											
Sandy Hook Bay Marina	Highlands				9,000					9,000		
USCG Sandy Hook	Highlands	2,000							2,000			
Windansea Dock & Dine	Highlands			20			20			20		
Keansburg	Keansburg	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Keansburg - Waackaak/Thorns	Keansburg		30,000								30,000	
Keansburg Jetty Reconstruction	Keansburg						30,000					
Raritan Bay Marina	Keansburg											
Aero Marine Terminal	Keyport	6,000							6,000			
Brown's Point Marina	Keyport				2,000							
Hans Pedersen and Sons	Keyport		6,000					6,000				
Hans Pedersen and Sons	Keyport											
Keport Marine Basin	Keyport											
Keyport Harbor-Fed. Channel	Keyport											
Matawan Creek	Keyport	200							200			
Matawan Creek-Fed Channel	Keyport											
Wagners Twin Towers Marina	Keyport		35								35	
Leonardo Marina - Fed Channel	Leonardo											
Leonardo State Marina	Leonardo						2,500					
Leonardo State Marina	Leonardo	600	600	600	600	600	600	600	600	600	600	600
Monmouth Cove Marina	Port Monmouth				9,000					9,000		
Union Beach	Union Beach											
Captain's Cove Marina (Waackaak Crk)	W. Keansburg	2,500							2,500			
Lentze Marina, Inc.	W. Keansburg				4,000					4,000		
		17,300	42,635	6,970	150,600	51,600	57,670	12,600	17,300	28,970	36,635	6,600

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Annual Dredging Cycle Projections (Appendix C)									
Facility	City	2028	2029	2030	2031	2032	2033	2034	2035
Atl. Highlands Harbor - Fed Channel	Atl. Highlands						508,184		
Atlantic Highlands Harbor	Atl. Highlands								
Atlantic Highlands Harbor	Atl. Highlands								
Atlantic Highlands Harbor	Atl. Highlands	25,000							25,000
Atlantic Highlands Harbor	Atl. Highlands			18,200					
Compton Creek	Belford	45,000							45,000
Compton Creek (widening & deepening)	Belford			100,000					
Compton Creek/Shoal Harbor-Fed Channel	Belford			82,000					
Compton Creek-Ferry Terminal	Belford			13,000					
Captain's Cove	Highlands								
Captain's Cove	Highlands	350			350			350	
Eugene Shute	Highlands								
Sandy Hook Bay Marina	Highlands			9,000					9,000
USCG Sandy Hook	Highlands				2,000				
Windansea Dock & Dine	Highlands	20			20			20	
Keansburg	Keansburg	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000
Keansburg - Waackaak/Thorns	Keansburg							30,000	
Keansburg Jetty Reconstruction	Keansburg	30,000						30,000	
Raritan Bay Marina	Keansburg								
Aero Marine Terminal	Keyport				6,000				
Brown's Point Marina	Keyport			2,000					
Hans Pedersen and Sons	Keyport								
Hans Pedersen and Sons	Keyport	6,000					6,000		
Keyport Marine Basin	Keyport								
Keyport Harbor-Fed. Channel	Keyport		56,000						
Matawan Creek	Keyport				200				
Matawan Creek-Fed Channel	Keyport								136,000
Wagners Twin Towers Marina	Keyport							35	
Leonardo Marina - Fed Channel	Leonardo	59,000							
Leonardo State Marina	Leonardo	2,500						2,500	
Leonardo State Marina	Leonardo	600	600	600	600	600	600	600	600
Monmouth Cove Marina	Port Monmouth			9,000					9,000
Union Beach	Union Beach								
Captain's Cove Marina (Waackaak Crk)	W. Keansburg				2,500				
Lentze Marina, Inc.	W. Keansburg			4,000					4,000
		174,470	62,600	243,800	17,670	6,600	520,784	69,505	234,600

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