

3 Year Dredging Cycle Projections (Appendix C)											
Facility	City	Est. Cycle	Completed	Quantity	Annual (Regional)	3yr cycle (non-fed)	18yr cycle (federal)	2010	2013	2016	2019
Atl. Highlands Harbor - Fed Channel	Atl. Highlands	<b>23</b>	10/21/1986	508,184	22,095		397,709	508,184			
Atlantic Highlands Harbor	Atl. Highlands	7	2/15/2000	11,800	1,686	5,057			5,057	5,057	5,057
Atlantic Highlands Harbor	Atl. Highlands	<b>7</b>	12/16/2004	4,000	571	1,714			1,714	1,714	1,714
Atlantic Highlands Harbor	Atl. Highlands	<b>7</b>	12/22/2005	20,000	2,857	8,571			8,571	8,571	8,571
Atlantic Highlands Harbor	Atl. Highlands	7	12/31/2007	18,200	2,600	7,800			7,800	7,800	7,800
Compton Creek	Belford	7	1/1/2006	43,930	6,276	18,827			18,827	18,827	18,827
Compton Creek (widening & deepening)	Belford	<b>20</b>	<b>need</b>	100,000	5,000		90,000	100,000			
Compton Creek/Shoal Harbor-Fed Channel	Belford	7	7/23/1999	81,710	11,673	35,019		82,000	35,019	35,019	35,019
Compton Creek-Ferry Terminal	Belford	<b>10</b>	1/14/1999	12,658	1,266	3,797		13,000	3,797	3,797	3,797
Captain's Cove	Highlands	3	2/17/1999	350	117	350			350	350	350
Captain's Cove	Highlands	3	3/1/2001	350	117	350		350	350	350	350
Eugene Shute	Highlands	<b>3</b>	6/27/2000	332	111	332			332	332	332
Sandy Hook Bay Marina	Highlands	5	<b>need</b>	40,000	8,000	24,000		40,000	24,000	24,000	24,000
USCG Sandy Hook	Highlands	<b>7</b>	5/20/2002	1,900	271	814		2,000	814	814	814
Windansea Dock & Dine	Highlands	3	<b>need</b>	20	7	20		20	20	20	20
Keansburg	Keansburg	1	annually	6,000	6,000	18,000		6,000	18,000	18,000	18,000
Keansburg - Waackaak/Thorns	Keansburg	<b>8</b>	12/18/2001	29,100	3,638	10,913		30,000	10,913	10,913	10,913
Keansburg Jetty Reconstruction	Keansburg	6	12/23/2003	30,000	5,000	15,000		30,000	15,000	15,000	15,000
Raritan Bay Marina	Keansburg	5		?	?						
Aero Marine Terminal	Keyport	<b>7</b>	9/4/2002	6,000	857	2,571		6,000	2,571	2,571	2,571
Brown's Point Marina	Keyport	10	pending	1,700	170	510		2,000	510	510	510
Hans Pedersen and Sons	Keyport	5	9/4/2002	6,000	1,200	3,600			3,600	3,600	3,600
Hans Pedersen and Sons	Keyport	<b>5</b>	8/1/2007	6,000	1,200	3,600			3,600	3,600	3,600
Keyport Marine Basin	Keyport	10	10/21/2003	15,000	1,500	4,500			4,500	4,500	4,500
Keyport Harbor-Fed. Channel	Keyport	<b>19</b>	11/8/1990	55,644	2,929		52,715	56,000			
Matawan Creek	Keyport	<b>7</b>	5/29/2002	180	26	77		200	77	77	77
Matawan Creek-Fed Channel	Keyport	<b>25</b>	11/7/1984	135,294	5,412		97,412	136,000			
Wagners Twin Towers Marina	Keyport	<b>8</b>	4/26/2001	35	4	13		35	13	13	13
Leonardo Marina - Fed Channel	Leonardo	<b>18</b>	10/26/1991	58,756	3,264		58,756	59,000			
Leonardo State Marina	Leonardo	<b>6</b>	7/3/2003	2,500	417	1,250		2,500	1,250	1,250	1,250
Leonardo State Marina	Leonardo	1	annually '08	600	600	1,800		600	1,800	1,800	1,800
Monmouth Cove Marina	Port Monmouth	<b>5</b>	2/24/2004	9,050	<b>1,810</b>	5,430		9,000	5,430	5,430	5,430
Union Beach	Union Beach		open	4,000	?						
Captain's Cove Marina (Waackaak Crk)	W. Keansburg	<b>7</b>	12/17/2002	2,540	363	1,089		2,500	1,089	1,089	1,089
Lentze Marina, Inc.	W. Keansburg	5	12/12/2002	4,000	800	2,400		4,000	2,400	2,400	2,400
<b>Total</b>					<b>95,235</b>	<b>177,405</b>	<b>696,592</b>	1,089,389	177,404	177,404	177,404

Bold #s in Est. Cycle=assumption based on last dredging effort. Red #s reflect an 18 yr. federal dredging cycle

3 Year Dredging Cycle Projections (Appendix C)										
Facility	City	2022	2025	2028	2031	2034	2037	2040	2043	2046
Atl. Highlands Harbor - Fed Channel	Atl. Highlands			397,709						397,709
Atlantic Highlands Harbor	Atl. Highlands	5,057	5,057	5,057	5,057	5,057	5,057	5,057	5,057	5,057
Atlantic Highlands Harbor	Atl. Highlands	1,714	1,714	1,714	1,714	1,714	1,714	1,714	1,714	1,714
Atlantic Highlands Harbor	Atl. Highlands	8,571	8,571	8,571	8,571	8,571	8,571	8,571	8,571	8,571
Atlantic Highlands Harbor	Atl. Highlands	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800
Compton Creek	Belford	18,827	18,827	18,827	18,827	18,827	18,827	18,827	18,827	18,827
Compton Creek (widening & deepening)	Belford			90,000						90,000
Compton Creek/Shoal Harbor-Fed Channel	Belford	35,019	35,019	35,019	35,019	35,019	35,019	35,019	35,019	35,019
Compton Creek-Ferry Terminal	Belford	3,797	3,797	3,797	3,797	3,797	3,797	3,797	3,797	3,797
Captain's Cove	Highlands	350	350	350	350	350	350	350	350	350
Captain's Cove	Highlands	350	350	350	350	350	350	350	350	350
Eugene Shute	Highlands	332	332	332	332	332	332	332	332	332
Sandy Hook Bay Marina	Highlands	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
USCG Sandy Hook	Highlands	814	814	814	814	814	814	814	814	814
Windansea Dock & Dine	Highlands	20	20	20	20	20	20	20	20	20
Keansburg	Keansburg	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Keansburg - Waackaak/Thorns	Keansburg	10,913	10,913	10,913	10,913	10,913	10,913	10,913	10,913	10,913
Keansburg Jetty Reconstruction	Keansburg	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Raritan Bay Marina	Keansburg									
Aero Marine Terminal	Keyport	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571	2,571
Brown's Point Marina	Keyport	510	510	510	510	510	510	510	510	510
Hans Pedersen and Sons	Keyport	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600
Hans Pedersen and Sons	Keyport	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600
Keyport Marine Basin	Keyport	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500	4,500
Keyport Harbor-Fed. Channel	Keyport			52,715						52,715
Matawan Creek	Keyport	77	77	77	77	77	77	77	77	77
Matawan Creek-Fed Channel	Keyport			97,412						97,412
Wagners Twin Towers Marina	Keyport	13	13	13	13	13	13	13	13	13
Leonardo Marina - Fed Channel	Leonardo			58,756						58,756
Leonardo State Marina	Leonardo	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250	1,250
Leonardo State Marina	Leonardo	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Monmouth Cove Marina	Port Monmouth	5,430	5,430	5,430	5,430	5,430	5,430	5,430	5,430	5,430
Union Beach	Union Beach									
Captain's Cove Marina (Waackaak Crk)	W. Keansburg	1,089	1,089	1,089	1,089	1,089	1,089	1,089	1,089	1,089
Lentze Marina, Inc.	W. Keansburg	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
<b>Total</b>		177,404	177,404	873,996	177,404	177,404	177,404	177,404	177,404	873,996
Bold #s in Est. Cycle=assumption based on last dredging effort. R										