

Summary

Cap Configuration	Dike Volume (cy)	Cap Volume (cy)	Total Volume (cy)	Less Cap Vol (cy)	Disposal Vol (cy)
3:1 slope w/ 15 ft bn	951078	8628728	9579806	282246	9297560
3:1 slope w/ bn trunc @ top	951078	8250883	9201961	282246	8919715
4:1 slope w/ 15 ft bn	951078	6837027	7788105	282246	7505859
Truncated dike w/ 3:1 slope and 15 ft bn			7330981	282246	7048735

Do not infringe upon
200' buffer from
slough (100' @ pt.)

density = 15 pcf

PARSONS - Energy & Chemicals Group

KINGSTON FOSSIL PLANT

Proposed Scrubber Sludge Disposal Site
Truncated Volume in Cap with 3:1 Slope

PRELIMINARY Volume

Prepared: JANUARY 6, 2003

Section No.	X-section Area (SF)	Depth	Volume(CF)	Total Vol. (CF)	Volume(CY)
746	0	0	0	0	0
748	7572	2	7,572	7572	280
750	118031	2	125,603	133175	4932
752	481200	2	599,231	732407	27126
754	940291	2	1,421,491	2153898	79774
756	1398516	2	2,338,807	4492705	166396
758	1821985	2	3,220,500	7713205	285674
760	2008118	2	3,830,102	11543308	427530
762	2041044	2	4,049,161	15592469	577499
764	2074196	2	4,115,239	19707708	729915
766	2107574	2	4,181,769	23889478	884795
768	2141178	2	4,248,752	28138230	1042157
770	2289411	2	4,430,590	32568819	1206253
780	2118750	10	22,040,807	54609626	2022579
790	1953744	10	20,362,471	74972097	2776744
800	1716839	10	18,352,915	93325013	3456482
810	1565971	10	16,414,051	109739064	4064410
820	1420759	10	14,933,654	124672717	4617508
830	1213546	10	13,171,529	137844246	5105342
840	1082587	10	11,480,669	149324915	5530552
850	957769	10	10,201,785	159526700	5908396
860	782111	10	8,699,404	168226103	6230596
870	672724	10	7,274,179	175500282	6500010
880	569691	10	6,212,077	181712359	6730087
890	427659	10	4,986,751	186699110	6914782
900	341483	10	3,845,712	190544823	7057216
910	262258	10	3,018,705	193563528	7169020
920	156854	10	2,095,558	195659086	7246633
930	95993	10	1,264,235	196923320	7293456
940	43790	10	698,916	197622236	7319342
950	9531	10	266,604	197888840	7329216
960	0	10	47,654	197936493	7330981
		-960	0	197936493	7,330,981