

Table 4a									
Vashon/Maury Island Soil Study									
Arsenic Concentration Percentiles by Sampling Zone									
Based on Individual Results									
Arsenic Concentrations (in ppm)									
Percentiles:									
Sampling Zone	Depth	10	25	50	75	90	maximum	value	Number of
									Values
Zone 1	all	29	45.5	85	140	200	460		248
[S. Vashon/Maury]	0-2 inch	36	50	88.5	130	170	360		126
	2-6 inch	21	41	85	150	210	460		122
	Zone 1A	23	41	67	120	160	360		158
[S. Vashon]	0-2 inch	37	48	80	120	150	360		81
	2-6 inch	15	35	54	99	160	280		77
	Zone 1B	36	65	120	180	260	460		90
[Maury]	0-2 inch	34	63	110	150	190	340		45
	2-6 inch	39	94	150	200	280	460		45
	Zone 2	18	29.5	43.5	74.5	160	260		48
[Mainland]	0-2 inch	18	29	42.5	71.5	160	200		24
	2-6 inch	21	29.5	44	74.5	150	260		24
	Zone 3	9.3	18	28	40	63	140		121
[N. Vashon]	0-2 inch	10	18	29	43	63	140		95
	2-6 inch	5.6	9.3	24.5	29	68	79		26
	All Zones	17	29	53	110	170	460		417
	0-2 inch	18	29	52	100	150	360		245
	2-6 inch	16	29.5	55.5	120	200	460		172