

Table 5								
Vashon/Maury Island Soil Study								
Arsenic, Lead, and Cadmium Concentration Percentiles by Sampling Zone								
Based on Maximum Location Values								
Arsenic Concentrations (in ppm)								
Percentiles:								
Sampling Zone	10	25	50	75	90	maximum value	Number of Values	
Zone 1	45	75	130	180	250	460	94	
[S. Vashon/Maury]								
Zone 1A	39	58	100	130	180	360	55	
[S. Vashon]								
Zone 1B	65	130	170	230	340	460	39	
[Maury]								
Zone 2	21	33.5	53	140	170	260	16	
[Mainland]								
Zone 3	9.9	20	32	53	69	140	67	
[N. Vashon]								
All Zones	18	34	67	140	200	460	177	
Lead Concentrations (in ppm)								
Percentiles:								
Sampling Zone	10	25	50	75	90	maximum value	Number of Values	
Zone 1	73	140	285	490	770	1300	94	
[S. Vashon/Maury]								
Zone 1A	60	110	230	400	620	1300	55	
[S. Vashon]								
Zone 1B	100	200	370	710	920	1100	39	
[Maury]								
Zone 2	21	54.5	140	260	580	790	16	
[Mainland]								
Zone 3	30	44	85	170	280	440	67	
[N. Vashon]								
All Zones	41	75	170	330	650	1300	177	
Cadmium Concentrations (in ppm)								
Percentiles:								
Sampling Zone	10	25	50	75	90	maximum value	Number of Values	
Zone 1	0.36	0.79	1.4	2.3	6.1	15	94	
[S. Vashon/Maury]								
Zone 1A	0.35	0.69	1.2	1.7	3.1	8.1	55	
[S. Vashon]								
Zone 1B	0.37	1.1	1.9	4.6	9.4	15	39	
[Maury]								
Zone 2	0.35	0.415	0.525	1.4	2.1	3.6	16	
[Mainland]								
Zone 3	0.28	0.31	0.37	0.73	1	3.8	67	
[N. Vashon]								
All Zones	0.3	0.37	0.83	1.6	3.6	15	177	