

Supplementary Material

Table S1. Characteristics and Pb Concentrations of the Soils from Walker Riverside Park.

Sampling Locations	Soil pH	Soil pH, mean \pm SD*	Soil %OM	Soil %OM, mean \pm SD*	Pb concentration, mean \pm SD (mg/kg)	Pb concentration, mean at sampling location (minimum – maximum) [†] (mg/kg)
A	6.6	7.2 \pm 0.5 (n = 4)	9.9	13.9 \pm 4.9 (n = 4)	82.5 \pm 0.4	564 (231 – 1301) N = 4
A	7.1		20.6		1,301 \pm 1	
A	7.7		14.7		640 \pm 1	
A	7.5		10.5		231 \pm 1	
B	6.9	7.1 \pm 0.7 (n = 18)	15.6	15.9 \pm 2.6 (n = 18)	8,918 \pm 4	12,350 (103 – 206,000) N = 18
B	7.4		15.3		224 \pm 1	
B	6.5		14.4		155 \pm 1	
B	6.8		19.1		1,260 \pm 1	
B	6.0		16.7		298 \pm 1	
B	7.2		20.6		746 \pm 1	
B	7.8		14.1		206,000 \pm 100	
B	7.5		11.7		115 \pm 0.5	
B	7.1		18.3		675 \pm 1	
B	7.7		12.3		431 \pm 0.8	
B	7.4		17.3		1,180 \pm 1	
B	7.2		19.1		103 \pm 0.4	
B	6.8		16.1		527 \pm 1	
B	7.7		15.3		282 \pm 1	
B	5.2		18.4		669 \pm 1	
B	7.8		12.5		127 \pm 1	
B	7.5		16.5		135 \pm 1	
B	7.2		12.9		454 \pm 1	
C	7.2	7.0 \pm 0.6 (n = 9)	17.0	18.5 \pm 7.8 (n = 8)	3,634 \pm 2	11,745 (85.8 – 67,298) N = 9
C	6.5		18.1		513 \pm 1	
C	6.8		na		1,748 \pm 2	
C	7.4		23.0		85.8 \pm 0.4	
C	5.7		25.1		669 \pm 1	
C	7.0		18.4		30,882 \pm 10	
C	7.3		13.1		512 \pm 1	
C	7.8		10.3		366 \pm 1	
C	7.0		23.1		67,298 \pm 1	
D	6.8	7.0 \pm 0.5 (n = 13)	25.1	16.3 \pm 8.6 (n = 10)	612 \pm 1	953 (88.4 – 5,289) N = 13
D	7.1		21.6		1517 \pm 2	
D	7.0		17.2		4,72 \pm 1	
D	6.9		16.9		88.8 \pm 0.5	
D	5.7		na		688 \pm 1	
D	7.3		10.1		94.5 \pm 0.4	
D	7.5		na		532 \pm 1	
D	7.2		14.4		122 \pm 0.5	
D	7.3		na		301 \pm 1	

D	6.5		9.2		105 ± 0.1	
D	7.1		14.0		5,289 ± 1	
D	6.7		22.8		2,482 ± 1	
D	7.9		11.8		88.4 ± 0.4	
E	7.1	6.7 ± 0.5 (n = 7)	14.8	12.6 ± 3.8 (n = 7)	84.7 ± 0.4	727 (84.7 – 2,567) N = 7
E	6.9		14.9		279 ± 1	
E	6.3		18.9		253 ± 1	
E	7.2		12.5		1,058 ± 1	
E	5.7		8.4		2,567 ± 2	
E	6.5		9.0		127 ± 1	
E	7.0		10.0		718 ± 1	
F	6.7	6.9 ± 0.3 (n = 16)	25.9	15.8 ± 3.8 (n = 16)	367 ± 1	314 (69.6 – 1,005) N = 16
F	6.6		14.2		268 ± 1	
F	7.2		14.7		278 ± 1	
F	7.3		20.1		259 ± 1	
F	7.1		19.7		174 ± 1	
F	6.6		15.5		208 ± 1	
F	7.2		14.6		168 ± 0.6	
F	6.6		15.1		491 ± 1	
F	7.3		15.2		137 ± 1	
F	6.6		19.8		69.6 ± 1	
F	7.1		11.7		133 ± 0.5	
F	7.4		13.4		1,005 ± 2	
F	6.6		12.9		417 ± 1	
F	6.4		13.2		554 ± 1	
F	6.5		11.6		233 ± 1	
F	7.0		15.6		260 ± 1	
G	7.0	7.2 ± 0.4 (n = 3)	14.0	13.3 ± 0.7 (n = 3)	215 ± 0.6	742 (197 – 1,814) N = 3
G	7.0		12.7		197 ± 1	
G	7.7		13.1		1,814 ± 6	
H	6.7	7.4 ± 0.5 (n = 8)	19.3	13.9 ± 4.0 (n = 9)	324 ± 1	1417 (94.1 – 9,519) N = 9
H	8.0		10.2		9,519 ± 5	
H	7.4		10.1		94.1 ± 0.5	
H	7.2		17.7		111 ± 0.5	
H	6.9		17.8		186 ± 1	
H	7.8		15.4		966 ± 1	
H	7.1		15.8		1,171 ± 1	
H	7.8		9.5		186 ± 1	
H	NA		9.7		198 ± 1	

* N = number of determinations