CV0511 012200131010001000	RML	CV0511A-CS School 12/12/2012	CV0511A-CSD School 12/12/2012	CV0511B-CS School 12/12/2012	CV0511B-CSD School 12/12/2012	CV0511C-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	32.4	NA	16.84	NA	28.05
Barium	46,000	139.84	NA	133.61	NA	ND
Cadmium	210	ND	NA	ND	NA	ND
Chromium(III)	350,000	121.6	NA	96.52	NA	92.39
Lead	400	97.83	NA	69.44	NA	82.94
Mercury (elemental)	30	ND	NA	ND	NA	ND
Selenium	1,200	ND	NA	ND	NA	ND
Silver	1,200	ND	NA	ND	NA	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	12,000 J	**24,000 J**	510 J	1,200 J	170
Benzo(a)pyrene	1,500	**11,000 J**	**20,000 J**	590 J	1,200 J	220
Benzo(b)fluoranthene	15,000	13,000 J	**25,000 J**	790 J	1,500 J	390
Benzo(k)fluoranthene	150,000	6,000	10,000	320 J	630 J	130
Chrysene	1,500,000	12,000 J	23,000 J	620 J	1,300 J	230
Dibenz(a,h)anthracene	1,500	**1,900 J**	**2,700 J**	120 J	190 J	28 J
Indeno(1,2,3-c,d)pyrene	15,000	7,100 J	12,000 J	430 J	810 J	91

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511C-CSD School 12/12/2012	CV0511D-CS School 12/12/2012	CV0511D-CSD School 12/12/2012	CV0511E-CS School 12/12/2012	CV0511F-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	NA	19.08	NA	15.07	16.77
Barium	46,000	NA	196.68	NA	124.28	186.57
Cadmium	210	NA	ND	NA	ND	ND
Chromium(III)	350,000	NA	84.01	NA	87.76	98.61
Lead	400	NA	78.89	NA	71.84	68.51
Mercury (elemental)	30	NA	ND	NA	ND	ND
Selenium	1,200	NA	ND	NA	ND	ND
Silver	1,200	NA	ND	NA	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	200	1,100	1,600	490	420
Benzo(a)pyrene	1,500	250	1,200	1,400	600	600
Benzo(b)fluoranthene	15,000	450	1,700	1,800	810	850
Benzo(k)fluoranthene	150,000	160	610	750	300	300
Chrysene	1,500,000	260	1,300	1,600	580	550
Dibenz(a,h)anthracene	1,500	28 J	250 J	250 J	120 J	120 J
Indeno(1,2,3-c,d)pyrene	15,000	91	990	1,000	460	460

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511G-CS School 12/12/2012	CV0511H-CS School 12/12/2012	CV0511I-CS School 12/12/2012	CV0511J-CS School 12/12/2012	CV0511K-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	20.6	12.17	7.68	27.98	**43.48**
Barium	46,000	150.41	212.22	102.1	105.08	69.5
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	94.11	77.44	84.62	82.84	95.05
Lead	400	82.18	62.03	49.08	72.8	71.03
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	1,900	6,600	220	150	420
Benzo(a)pyrene	1,500	**1,800**	**6,700**	340	220	530
Benzo(b)fluoranthene	15,000	2,200	11,000	610	380	740
Benzo(k)fluoranthene	150,000	870	4,200	220	130	290
Chrysene	1,500,000	2,000	6,700	260	190	440
Dibenz(a,h)anthracene	1,500	210 J	590 J	46 J	30 J	110 J
Indeno(1,2,3-c,d)pyrene	15,000	760	2,300	160	100	380

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511L-CS School 12/12/2012	CV0511M-CS School 12/12/2012	CV0511N-CS School 12/12/2012	CV0511O-CS School 12/12/2012	CV0511P-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	24.19	16.66	16.79	13.7	15.87
Barium	46,000	105.15	199.88	176.79	56.75	176.84
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	75.04	86.69	91.97	85.75	96.43
Lead	400	62.95	72.15	80.03	77.99	65.19
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	760	320	570	380	9,200
Benzo(a)pyrene	1,500	940	490	810	530	**10,000**
Benzo(b)fluoranthene	15,000	1,500	700	1,400	770	**16,000**
Benzo(k)fluoranthene	150,000	600	230	440	270	6,200
Chrysene	1,500,000	800	340	630	390	9,200
Dibenz(a,h)anthracene	1,500	93 J	92 J	96 J	77 J	850 J
Indeno(1,2,3-c,d)pyrene	15,000	350	320	320	280	3,100

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511Q-CS School 12/12/2012	CV0511R-CS School 12/12/2012	CV0511S-CS School 12/12/2012	CV0511T-CS School 12/12/2012	CV0511U-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	16.95	18.49	**79**	23.04	24.63
Barium	46,000	100.72	229.31	52	281.21	101.29
Cadmium	210	ND	14.44	1.3	ND	ND
Chromium(III)	350,000	116.42	74.52	99.66	85.79	115.3
Lead	400	73.47	60.62	110	62.46	96.67
Mercury (elemental)	30	ND	ND	0.16	9.67	ND
Selenium	1,200	ND	ND	2.4 J	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	9,100	280	130	260	620
Benzo(a)pyrene	1,500	**8,800**	380	190	340	690
Benzo(b)fluoranthene	15,000	14,000	640	290 J	550	1,100
Benzo(k)fluoranthene	150,000	5,800	230	100	190	400
Chrysene	1,500,000	8,700	320	160 J	280	620
Dibenz(a,h)anthracene	1,500	740 J	44 J	34 J	42 J	67 J
Indeno(1,2,3-c,d)pyrene	15,000	2,700	160	120	140	230

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511V-CS School 12/12/2012	CV0511W-CS School 12/12/2012	CV0511X-CS School 12/12/2012	CV0511Y-CS School 12/12/2012	CV0511Z-CS School 12/12/2012
Metals mg/kg *						
Arsenic	39	14.72	14.05	23.73	12.65	**74.25**
Barium	46,000	113.67	187.93	165.55	59.54	162.8
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	84.59	98.98	122.19	96.33	98.73
Lead	400	72.72	68.87	65.71	54.95	**716.23**
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	6.41
PAHs µg/kg						
Benz(a)anthracene	15,000	520	490	8,600	2,200	330
Benzo(a)pyrene	1,500	610	590	**9,100**	**2,400**	440
Benzo(b)fluoranthene	15,000	960	1,000	**15,000**	3,700	730
Benzo(k)fluoranthene	150,000	350	330	5,500	1,600	290
Chrysene	1,500,000	530	500	8,900	2,300	370
Dibenz(a,h)anthracene	1,500	62 J	61 J	780 J	220 J	44 J
Indeno(1,2,3-c,d)pyrene	15,000	200	200	2,900	810	150

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511AA-CS School 12/12/2012	CV0511AB-GS School 12/12/2012	CV0511AC-GS School 12/13/2012	CV0511AD-GS School 12/13/2012	CV0511AE-GS School 12/13/2012
Metals mg/kg *						
Arsenic	39	25.63	**55**	17.69	11.25	11.06
Barium	46,000	219.77	230	246.92	133.92	ND
Cadmium	210	ND	3.5	17.73	ND	ND
Chromium(III)	350,000	108.9	117.69	90.94	50.29	76.36
Lead	400	51.81	320	77.34	79.39	56.03
Mercury (elemental)	30	ND	0.18	ND	ND	ND
Selenium	1,200	ND	3 J	ND	ND	ND
Silver	1,200	ND	0.54 J	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	1,700	**240,000**	360	63	12
Benzo(a)pyrene	1,500	1,400	**240,000**	430	71	14
Benzo(b)fluoranthene	15,000	2,200	**300,000**	700	120	21
Benzo(k)fluoranthene	150,000	840	140,000	250	46	8.5 J
Chrysene	1,500,000	1,600	260,000	440	82	16
Dibenz(a,h)anthracene	1,500	ND	**31,000 J**	97	9.6 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	**110,000**	290	17	ND

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511BB-CS School 12/12/2012	CV0511CC-CS School 12/12/2012	CV0511DD-CS School 12/12/2012	CV0511EE-CS School 12/12/2012	CV0511FF-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	24.64	20.12	12.38	15.13	16.71
Barium	46,000	190.62	ND	46.19	150.15	55.88
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	104.8	96.54	113.24	100.72	76.32
Lead	400	58.86	58.35	57.73	66.45	62.41
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	77	130 J	650	240	4,900
Benzo(a)pyrene	1,500	93	150	610	290	**3,600**
Benzo(b)fluoranthene	15,000	140	210 J	740	410	5,900
Benzo(k)fluoranthene	150,000	52	72	290	140	3,000
Chrysene	1,500,000	100	150 J	660	270	4,100
Dibenz(a,h)anthracene	1,500	18 J	26 J	140 J	45 J	1,200
Indeno(1,2,3-c,d)pyrene	15,000	57	86	460	160	1,900

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511GG-CS School 12/13/2012	CV0511HH-CS School 12/13/2012	CV0511II-CS School 12/13/2012	CV0511JJ-CS School 12/13/2012	CV0511KK-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	18.79	23.87	27.21	20.77	27.38
Barium	46,000	167.64	183.31	177.11	ND	ND
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	97.27	88.14	91.35	68.56	86.01
Lead	400	53.97	62.56	54.36	58.94	74.21
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	660	1,200	280	160	150
Benzo(a)pyrene	1,500	420	790	240	170	110
Benzo(b)fluoranthene	15,000	860	1,500	390	240	180
Benzo(k)fluoranthene	150,000	360	980	130	120	95
Chrysene	1,500,000	550	1,000	280	190	180
Dibenz(a,h)anthracene	1,500	140	130	39	32	42
Indeno(1,2,3-c,d)pyrene	15,000	260	350	130	97	60

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511LL-CS School 12/13/2012	CV0511MM-CS School 12/13/2012	CV0511NN-CS School 12/13/2012	CV0511OO-CS School 12/13/2012	CV0511PP-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	27.1	17.63	8.13	12.85	13.74
Barium	46,000	52.13	ND	191.07	69.66	297.27
Cadmium	210	ND	ND	ND	ND	16.73
Chromium(III)	350,000	79.99	90.42	47.34	51.02	55.81
Lead	400	71.29	89.38	44.12	50.79	79.83
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	340	280	3,000	810	200
Benzo(a)pyrene	1,500	310	240	**1,900**	570	150
Benzo(b)fluoranthene	15,000	450	430	3,300	940	250
Benzo(k)fluoranthene	150,000	210	180	1,700	390	94
Chrysene	1,500,000	310	300	2,700	790	230
Dibenz(a,h)anthracene	1,500	63	55	420	120	30 J
Indeno(1,2,3-c,d)pyrene	15,000	170	120	920	180	76

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511QQ-CS School 12/13/2012	CV0511RR-CS School 12/13/2012	CV0511SS-CS School 12/13/2012	CV0511TT-CS School 12/13/2012	CV0511UU-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	22.9	15.41	13.99	6.78	9.1
Barium	46,000	ND	310.99	203.45	300.6	114.83
Cadmium	210	ND	20.48	ND	20.36	0.76
Chromium(III)	350,000	66.91	84.91	42.82	55.39	60.69
Lead	400	53.45	60.96	73.22	41.24	47
Mercury (elemental)	30	ND	ND	ND	ND	0.09
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	8.62	ND	13.57	14.41
PAHs µg/kg						
Benz(a)anthracene	15,000	590	280	1,200	9,200	180
Benzo(a)pyrene	1,500	650	330	1,400	**9,200**	230
Benzo(b)fluoranthene	15,000	1,000	470	1,900	12,000	340
Benzo(k)fluoranthene	150,000	360	170	750	4,900	120
Chrysene	1,500,000	680	330	1,400	10,000	240
Dibenz(a,h)anthracene	1,500	86 J	51 J	380 J	**1,900 J**	51 J
Indeno(1,2,3-c,d)pyrene	15,000	260	170	1,300	6,500	130 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511VV-CS School 12/13/2012	CV0511WW-CS School 12/13/2012	CV0511XX-CS School 12/13/2012	CV0511YY-CS School 12/13/2012	CV0511ZZ-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	10.39	10.92	13.29	22.17	13.7
Barium	46,000	86.85	77.1	132.2	272.35	145.67
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	67.93	60.71	57.74	105.82	56.57
Lead	400	54.74	69.51	109.96	92.83	59.58
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	620	320	1,200	320	290
Benzo(a)pyrene	1,500	800	360	**1,600**	360	340
Benzo(b)fluoranthene	15,000	1,100	520	2,200	500	480
Benzo(k)fluoranthene	150,000	460	190	870	170	220
Chrysene	1,500,000	790	410	1,600	370	360
Dibenz(a,h)anthracene	1,500	150	60 J	270	87 J	76 J
Indeno(1,2,3-c,d)pyrene	15,000	370 J	170 J	750 J	210 J	190 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511AAA-CS School 12/13/2012	CV0511BBB-CS School 12/13/2012	CV0511BBB-CSD School 12/13/2012	CV0511CCC-CS School 12/13/2012	CV0511DDD-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	7.04	ND	NA	6.53	ND
Barium	46,000	205.02	172.12	NA	195.14	298.65
Cadmium	210	11.99	ND	NA	9.89	19.33
Chromium(III)	350,000	68.51	68.77	NA	33.02	74.3
Lead	400	59.57	44.23	NA	42.34	30.77
Mercury (elemental)	30	ND	ND	NA	ND	ND
Selenium	1,200	ND	ND	NA	ND	ND
Silver	1,200	ND	6.44	NA	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	280	6,900 J	63 J	84	52
Benzo(a)pyrene	1,500	320	**6,600 J**	73 J	97	60
Benzo(b)fluoranthene	15,000	590	8,200 J	120 J	150	100
Benzo(k)fluoranthene	150,000	230	3,500 J	43 J	61	37
Chrysene	1,500,000	420	7,100 J	84 J	120	78
Dibenz(a,h)anthracene	1,500	40 J	1,300 J	9.6 J	13 J	7.7 J
Indeno(1,2,3-c,d)pyrene	15,000	110	4,500 J	32 J	42	26

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville neighborhood
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511EEE-CS School 12/13/2012	CV0511FFF-CS School 12/13/2012	CV0511GGG-CS School 12/13/2012	CV0511HHH-CS School 12/13/2012	CV0511III-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	4.53	10.55	10.1	12.81	9.66
Barium	46,000	121.43	ND	99.27	191.96	135.64
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	68.22	86.22	93.78	95.04	69.17
Lead	400	25.35	80.75	107.19	78.5	78.43
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	88	630	2,100	1,900	590
Benzo(a)pyrene	1,500	98	880	**3,400**	**1,900**	840
Benzo(b)fluoranthene	15,000	160	1,200	4,800	2,900	1,200
Benzo(k)fluoranthene	150,000	63	500	1,900	1,300	450
Chrysene	1,500,000	130	850	2,900	2,200	780
Dibenz(a,h)anthracene	1,500	13 J	180 J	710 J	250 J	140 J
Indeno(1,2,3-c,d)pyrene	15,000	41	630	2,400	750	480

Notes:

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mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0511 012200131010001000	RML	CV0511JJJ-CS School 12/13/2012	CV0511KKK-CS School 12/13/2012	CV0511LLL-CS School 12/13/2012	CV0511MMM-CS School 12/13/2012	CV0511NNN-CS School 12/13/2012
Metals mg/kg *						
Arsenic	39	ND	7.84	10.2	16.29	11.18
Barium	46,000	218.52	197.98	155.47	122.7	241.03
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	86.55	77.68	81.64	84.24	128.75
Lead	400	41.68	37.21	64.68	80.8	39.61
Mercury (elemental)	30	ND	ND	7.44	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	420	230	180	45 J	3,500 J
Benzo(a)pyrene	1,500	610	290	230	42 J	4,100 J
Benzo(b)fluoranthene	15,000	910	480	330	64 J	5,700 J
Benzo(k)fluoranthene	150,000	330	170	110	25 J	2,100 J
Chrysene	1,500,000	570	320	240	56 J	3,700 J
Dibenz(a,h)anthracene	1,500	100 J	36 J	ND	7.5 J	640 J
Indeno(1,2,3-c,d)pyrene	15,000	360	120	120 J	18 J	1,900 J

Notes:

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mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
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CV0511 012200131010001000	RML	CV0511OOO-CS School 12/13/2012	CV0511PPP-CS School 12/13/2012	CV0511QQQ-CS School 12/13/2012	CV0511RRR-CS School 12/13/2012	CV0511TTT-GS School 12/13/2012
Metals mg/kg *						
Arsenic	39	27.38	32.39	26.23	24.75	**55**
Barium	46,000	196.64	127.95	235.07	181.79	330
Cadmium	210	ND	ND	ND	ND	4.8 J
Chromium(III)	350,000	104.08	90.79	105.81	104.33	100
Lead	400	139.83	182.32	175.96	145.26	79
Mercury (elemental)	30	ND	ND	ND	ND	0.071
Selenium	1,200	ND	ND	ND	ND	4.2
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	2,300	3,000	2,400	3,400	110
Benzo(a)pyrene	1,500	**2,200**	**2,700**	**2,500**	**3,300**	130
Benzo(b)fluoranthene	15,000	3,200	3,600	3,400	4,900	210
Benzo(k)fluoranthene	150,000	1,500	1,700	1,600	1,800	86
Chrysene	1,500,000	2,800	3,200	2,900	3,800	150
Dibenz(a,h)anthracene	1,500	390	430	390	520	14
Indeno(1,2,3-c,d)pyrene	15,000	910 J	1,100 J	990 J	1,300 J	30

Notes:

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RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
XRF	X-ray fluorescence
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