

CV0012 012200132023002000	RML	CV0012A-CS-SP Side Yard 1/29/2013	CV0012B-CS-SP Side Yard 1/29/2013	CV0012C-CS-SP Side Yard 1/29/2013
Metals mg/kg *				
Arsenic	39	33.2	26.74	23.05
Barium	46,000	190.64	119.97	309.74
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	127.31	100.01	117.02
Lead	400	200.2	163.69	317.99
Mercury (elemental)	30	7.9	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	6.77
PAHs µg/kg				
Benz(a)anthracene	15,000	130	260	410
Benzo(a)pyrene	1,500	85	290	420
Benzo(b)fluoranthene	15,000	150	520	660
Benzo(k)fluoranthene	150,000	56	170	220
Chrysene	1,500,000	140	320	420
Dibenz(a,h)anthracene	1,500	41 J	73 J	89
Indeno(1,2,3-c,d)pyrene	15,000	85 J	200	240

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0025 012200132023011000	RML	CV0025A-CS Front Yard 1/10/2013	CV0025B-CS Back Yard 1/10/2013
Metals mg/kg *			
Arsenic	39	27.59	28.48
Barium	46,000	149.39	113.78
Cadmium	210	ND	ND
Chromium(III)	350,000	97.39	87.14
Lead	400	181.03	217.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330 J	240 J
Benzo(a)pyrene	1,500	180 J	240 J
Benzo(b)fluoranthene	15,000	400 J	420 J
Benzo(k)fluoranthene	150,000	94 J	180 J
Chrysene	1,500,000	530 J	490 J
Dibenz(a,h)anthracene	1,500	110 J	86 J
Indeno(1,2,3-c,d)pyrene	15,000	100 J	190 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0026 012200132023012000	RML	CV0026A-CS East Half 1/10/2013	CV0026B-CS West Half 1/10/2013
Metals mg/kg *			
Arsenic	39	38 J	13.7
Barium	46,000	237.22	219.19
Cadmium	210	1.1	ND
Chromium(III)	350,000	77.46	74.62
Lead	400	130.38	119.9
Mercury (elemental)	30	0.14	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	380 J	300 J
Benzo(a)pyrene	1,500	310 J	210 J
Benzo(b)fluoranthene	15,000	450 J	400 J
Benzo(k)fluoranthene	150,000	180 J	100 J
Chrysene	1,500,000	660 J	470 J
Dibenz(a,h)anthracene	1,500	97 J	74 J
Indeno(1,2,3-c,d)pyrene	15,000	180 J	150 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0028 012200132022001000	RML	CV0028A-CS Front Yard 1/29/2013	CV0028B-CS Side Yard 1/29/2013	CV0028C-CS Side Yard 1/29/2013	CV0028D-CS Back Yard 1/29/2013
Metals mg/kg *					
Arsenic	39	21.55	20.24	16.06	34.46
Barium	46,000	218.09	72.76	97.31	354.67
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	143.71	74.37	96.75	127.6
Lead	400	168.48	117.86	147.88	305.85
Mercury (elemental)	30	ND	7.81	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	140	120	120	160
Benzo(a)pyrene	1,500	130	130	100	190
Benzo(b)fluoranthene	15,000	210	230	200	330
Benzo(k)fluoranthene	150,000	60	59	57	98
Chrysene	1,500,000	170	190	180	270
Dibenz(a,h)anthracene	1,500	25 J	32	32	47
Indeno(1,2,3-c,d)pyrene	15,000	69	81	77	120

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0049 012200132018020000	RML	CV0049A-CS-SP Front Yard 1/8/2013	CV0049B-CS-SP Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	17.9	31.48
Barium	46,000	393.85	157.63
Cadmium	210	ND	ND
Chromium(III)	350,000	131.19	106.17
Lead	400	24.32	242.97
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	280
Benzo(a)pyrene	1,500	ND	280
Benzo(b)fluoranthene	15,000	ND	350
Benzo(k)fluoranthene	150,000	ND	190
Chrysene	1,500,000	ND	420
Dibenz(a,h)anthracene	1,500	ND	70 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	140

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0060 012200134021016000	RML	CV0060A-CS Front/Side Yard 1/28/2013	CV0060B-CS Back Yard 1/28/2013	CV0060C-CS Side Yard 1/28/2013
Metals mg/kg *				
Arsenic	39	37.87	70.49	79.92
Barium	46,000	194.7	760	194.49
Cadmium	210	ND	22	ND
Chromium(III)	350,000	117.66	214.49	377.4
Lead	400	302.75	2,000	560.63
Mercury (elemental)	30	ND	0.27	ND
Selenium	1,200	ND	4.5	ND
Silver	1,200	ND	5.9	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	360	120	230
Benzo(a)pyrene	1,500	330	93	230
Benzo(b)fluoranthene	15,000	690	160	310
Benzo(k)fluoranthene	150,000	150	62	130
Chrysene	1,500,000	600	100	240
Dibenz(a,h)anthracene	1,500	99 J	31 J	45
Indeno(1,2,3-c,d)pyrene	15,000	240	83 J	110

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0062		CV0062A-CS-SP	CV0062B-CS-SP
012200134021014000		Front Yard	Back Yard
	RML	1/31/2013	1/31/2013
Metals mg/kg *			
Arsenic	39	26.89	78.75
Barium	46,000	148.3	284.53
Cadmium	210	ND	ND
Chromium(III)	350,000	145.62	128.96
Lead	400	176.64	278.89
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260 J	350
Benzo(a)pyrene	1,500	170 J	310
Benzo(b)fluoranthene	15,000	290 J	510
Benzo(k)fluoranthene	150,000	130 J	210
Chrysene	1,500,000	330 J	420
Dibenz(a,h)anthracene	1,500	68 J	88 J
Indeno(1,2,3-c,d)pyrene	15,000	120 J	190

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0066 012200134021012000	RML	CV0066A-CS Front Yard 1/15/2013	CV0066A-CSD Front Yard 1/15/2013	CV0066B-CS Back Yard 1/15/2013
Metals mg/kg *				
Arsenic	39	13.92	NA	ND
Barium	46,000	70.96	NA	510.52
Cadmium	210	ND	NA	15.32
Chromium(III)	350,000	132.15	NA	124.75
Lead	400	108.5	NA	36.74
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	43	54	31
Benzo(a)pyrene	1,500	34	40	16
Benzo(b)fluoranthene	15,000	54	59	24
Benzo(k)fluoranthene	150,000	21	25	8.1 J
Chrysene	1,500,000	46	52	18
Dibenz(a,h)anthracene	1,500	8.8 J	13 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	26 J	21 J	ND

Notes:

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

CV0076		CV0076A-CS	CV0076B-CS
012200134021002000		Front Yard	Back Yard
	RML	1/10/2013	1/10/2013
Metals mg/kg *			
Arsenic	39	27.31	24.56
Barium	46,000	90.47	76.53
Cadmium	210	ND	ND
Chromium(III)	350,000	73.98	183.59
Lead	400	220.74	261.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	280 J	340 J
Benzo(a)pyrene	1,500	230 J	280 J
Benzo(b)fluoranthene	15,000	400 J	550 J
Benzo(k)fluoranthene	150,000	130 J	170 J
Chrysene	1,500,000	390 J	540 J
Dibenz(a,h)anthracene	1,500	91 J	100 J
Indeno(1,2,3-c,d)pyrene	15,000	210 J	180 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0087 012200134010002000	RML	CV0087A-CS Front/Side Yard 1/28/2013	CV0087B-CS Back Yard 1/28/2013
Metals mg/kg *			
Arsenic	39	34.06	46 J
Barium	46,000	257.56	1,400
Cadmium	210	ND	4.3
Chromium(III)	350,000	138.93	185.98
Lead	400	303.01	790
Mercury (elemental)	30	ND	0.57
Selenium	1,200	ND	13 J
Silver	1,200	ND	1.6 J
PAHs µg/kg			
Benz(a)anthracene	15,000	560	160
Benzo(a)pyrene	1,500	510	110
Benzo(b)fluoranthene	15,000	790	190
Benzo(k)fluoranthene	150,000	320	79
Chrysene	1,500,000	660	180
Dibenz(a,h)anthracene	1,500	130	36
Indeno(1,2,3-c,d)pyrene	15,000	320	78

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0088		CV0088A-CS	CV0088B-CS
012200134010001000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	31.43	41
Barium	46,000	250.71	540
Cadmium	210	ND	3.6
Chromium(III)	350,000	139.97	141.02
Lead	400	247.41	460
Mercury (elemental)	30	ND	0.57
Selenium	1,200	ND	3.2 J
Silver	1,200	ND	0.57 J
PAHs µg/kg			
Benz(a)anthracene	15,000	54	170
Benzo(a)pyrene	1,500	44	110
Benzo(b)fluoranthene	15,000	68	170
Benzo(k)fluoranthene	150,000	30	110
Chrysene	1,500,000	64	180
Dibenz(a,h)anthracene	1,500	16 J	45 J
Indeno(1,2,3-c,d)pyrene	15,000	28 J	100 J

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0089 012200134009006000	RML	CV0089A-CS Front Yard 1/21/2013	CV0089B-CS Side Yard 1/21/2013	CV0089C-CS Back Yard 1/21/2013
Metals mg/kg *				
Arsenic	39	27.83	20.16	24.57
Barium	46,000	50.49	43.65	173.98
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	137.98	131.03	119.16
Lead	400	138.47	127.64	126.64
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	81	1,000	460
Benzo(a)pyrene	1,500	97	1,200	630
Benzo(b)fluoranthene	15,000	150	1,900	890
Benzo(k)fluoranthene	150,000	51	630	270
Chrysene	1,500,000	100	1,200	520
Dibenz(a,h)anthracene	1,500	35	410	170
Indeno(1,2,3-c,d)pyrene	15,000	83	1,000	420

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0091 012200131026005000	RML	CV0091A-CS Front Yard 1/9/2013	CV0091B-CS Back Yard 1/9/2013	CV0091B-CSD Back Yard 1/9/2013	CV0091C-CS Side Yard 1/9/2013
Metals mg/kg *					
Arsenic	39	18.44	43.95	NA	24.87
Barium	46,000	66.04	440	NA	102.28
Cadmium	210	ND	2.1	NA	ND
Chromium(III)	350,000	109.43	139.57	NA	126.35
Lead	400	124.05	480	NA	284.28
Mercury (elemental)	30	ND	0.28 J	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	180	370	410	100 J
Benzo(a)pyrene	1,500	150	320	240	66 J
Benzo(b)fluoranthene	15,000	250	580	510	140 J
Benzo(k)fluoranthene	150,000	90	210	200	33 J
Chrysene	1,500,000	240	590	580	150 J
Dibenz(a,h)anthracene	1,500	52	110	100 J	30 J
Indeno(1,2,3-c,d)pyrene	15,000	120	230	190	51 J

Notes:

- CS Composite sample
 - CSD Composite sample, duplicate
 - CV Collegeville Neighborhood
 - EPA U.S. Environmental Protection Agency
 - J Estimated value
 - µg/kg Micrograms per kilogram
 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
 - RML EPA Regional Removal Management Levels, dated December 2012
 - 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

CV0094 012200131026003000	RML	CV0094A-CS Front Yard 1/16/2013	CV0094B-CS Back Yard 1/16/2013	CV0094C-CS Side Yard 1/16/2013
Metals mg/kg *				
Arsenic	39	18.08	21.91	33 J
Barium	46,000	89.95	207.95	340
Cadmium	210	ND	ND	2.2
Chromium(III)	350,000	104.11	127.47	130.29
Lead	400	741	172.85	261.45
Mercury (elemental)	30	ND	ND	0.61
Selenium	1,200	ND	ND	2.5 J
Silver	1,200	ND	ND	0.22 J
PAHs µg/kg				
Benz(a)anthracene	15,000	140	240	190
Benzo(a)pyrene	1,500	180	230	230
Benzo(b)fluoranthene	15,000	290	450	430
Benzo(k)fluoranthene	150,000	110	130	120
Chrysene	1,500,000	220	330	250
Dibenz(a,h)anthracene	1,500	28	37	30
Indeno(1,2,3-c,d)pyrene	15,000	85	110	100

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0095 012200131026002000	RML	CV0095A-CS-SP Front Yard 1/9/2013	CV0095B-CS-SP Back Yard 1/9/2013
Metals mg/kg *			
Arsenic	39	28.91	33.59
Barium	46,000	222.3	43.18
Cadmium	210	ND	ND
Chromium(III)	350,000	108.91	100.69
Lead	400	281.49	253.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	87 J	260
Benzo(a)pyrene	1,500	51 J	230
Benzo(b)fluoranthene	15,000	110 J	370
Benzo(k)fluoranthene	150,000	31 J	140
Chrysene	1,500,000	200 J	480
Dibenz(a,h)anthracene	1,500	29 J	64
Indeno(1,2,3-c,d)pyrene	15,000	36 J	140

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0096		CV0096A-CS-SP	CV0096B-CS-SP
012200131026001000		Front/Side Yard	Back/Side Yard
	RML	1/9/2013	1/9/2013
Metals mg/kg *			
Arsenic	39	27.3	24.14
Barium	46,000	ND	96.31
Cadmium	210	ND	ND
Chromium(III)	350,000	71.1	65.35
Lead	400	162.52	182.45
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	190	220 J
Benzo(a)pyrene	1,500	95	140 J
Benzo(b)fluoranthene	15,000	180	290 J
Benzo(k)fluoranthene	150,000	67	87 J
Chrysene	1,500,000	260	360 J
Dibenz(a,h)anthracene	1,500	35	66 J
Indeno(1,2,3-c,d)pyrene	15,000	56	88 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0097		CV0097A-CS	CV0097B-CS
012200132020012001		Side Yard	Back Yard
	RML	1/9/2013	1/9/2013
Metals mg/kg *			
Arsenic	39	12.81	25.73
Barium	46,000	180.78	169.24
Cadmium	210	ND	ND
Chromium(III)	350,000	110.74	72.8
Lead	400	177.08	173.22
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	350	70
Benzo(a)pyrene	1,500	180	50
Benzo(b)fluoranthene	15,000	560	130
Benzo(k)fluoranthene	150,000	180	34
Chrysene	1,500,000	740	160
Dibenz(a,h)anthracene	1,500	87 J	20 J
Indeno(1,2,3-c,d)pyrene	15,000	190	36

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0103 012200131016012000	RML	CV0103A-CS Front/ Side Yard 1/22/2013	CV0103B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	16.44	23.71
Barium	46,000	195.51	226.07
Cadmium	210	ND	ND
Chromium(III)	350,000	92.99	76.21
Lead	400	112.24	146.85
Mercury (elemental)	30	ND	7.74
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	110
Benzo(a)pyrene	1,500	170	64
Benzo(b)fluoranthene	15,000	240	110
Benzo(k)fluoranthene	150,000	95	50
Chrysene	1,500,000	290	140
Dibenz(a,h)anthracene	1,500	50 J	38 J
Indeno(1,2,3-c,d)pyrene	15,000	120	64 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0106 012200131016011000	RML	CV0106A-CS-SP Front Yard 1/15/2013	CV0106B-CS-SP Back Yard 1/15/2013
Metals mg/kg *			
Arsenic	39	33 J	32.42
Barium	46,000	310	348.33
Cadmium	210	1.5	ND
Chromium(III)	350,000	105.59	156.47
Lead	400	340	306.67
Mercury (elemental)	30	1.3	ND
Selenium	1,200	2.7 J	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	66	58
Benzo(a)pyrene	1,500	46	50
Benzo(b)fluoranthene	15,000	77	73
Benzo(k)fluoranthene	150,000	28	28
Chrysene	1,500,000	65	71
Dibenz(a,h)anthracene	1,500	15 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	35	30

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0110 012200132020018000	RML	CV0110A-CS Front Yard 1/31/2013	CV0110A-CSD Front Yard 1/31/2013	CV0110B-CS Back Yard 1/31/2013
Metals mg/kg *				
Arsenic	39	18.93	NA	20.48
Barium	46,000	150.2	NA	140.22
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	119.34	NA	126.42
Lead	400	152.45	NA	136.29
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	820	960	300
Benzo(a)pyrene	1,500	860	1,200	310
Benzo(b)fluoranthene	15,000	1,300	1500	540
Benzo(k)fluoranthene	150,000	540	700	150
Chrysene	1,500,000	810	980	310
Dibenz(a,h)anthracene	1,500	200	250	70 J
Indeno(1,2,3-c,d)pyrene	15,000	500 J	800 J	240

Notes:

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

CV0111 012200131016009000	RML	CV0111A-CS Front Yard 1/7/2013	CV0111B-CS Side Yard 1/7/2013	CV0111C-CS Back Yard 1/7/2013	CV0111C-CSD Back Yard 1/7/2013
Metals mg/kg *					
Arsenic	39	20.51	12.75	15.67	NA
Barium	46,000	229.35	193.14	198.76	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	77.59	119.19	91.33	NA
Lead	400	157.17	218.69	230.26	NA
Mercury (elemental)	30	ND	ND	ND	NA
Selenium	1,200	ND	ND	ND	NA
Silver	1,200	ND	ND	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	150	230	280	380
Benzo(a)pyrene	1,500	160	240	280	360
Benzo(b)fluoranthene	15,000	260	470	600	690
Benzo(k)fluoranthene	150,000	120	140	170	330
Chrysene	1,500,000	270	360	400	500
Dibenz(a,h)anthracene	1,500	ND	ND	ND	50 J
Indeno(1,2,3-c,d)pyrene	15,000	50 J	74 J	74 J	76 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
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0111		CV0111D-CS	CV0111E-GS
012200131016009000		Side Yard	Playset
	RML	1/7/2013	1/7/2013
Metals mg/kg *			
Arsenic	39	18.76	18.66
Barium	46,000	149.42	208.83
Cadmium	210	ND	ND
Chromium(III)	350,000	60.97	95.92
Lead	400	185.22	133.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160 J	270
Benzo(a)pyrene	1,500	180 J	250
Benzo(b)fluoranthene	15,000	370 J	410
Benzo(k)fluoranthene	150,000	110 J	180
Chrysene	1,500,000	260 J	330
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	49 J	64 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
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0114		CV0114A-CS	CV0114B-CS
012200131016007000		Front Yard	Back Yard
	RML	1/31/2013	1/31/2013
Metals mg/kg *			
Arsenic	39	39.21	22.06
Barium	46,000	95.15	193.32
Cadmium	210	ND	ND
Chromium(III)	350,000	107.76	100.49
Lead	400	135.99	215.85
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	370
Benzo(a)pyrene	1,500	180	380
Benzo(b)fluoranthene	15,000	300	720
Benzo(k)fluoranthene	150,000	120	290
Chrysene	1,500,000	280	620
Dibenz(a,h)anthracene	1,500	36 J	110
Indeno(1,2,3-c,d)pyrene	15,000	120	280

Notes:

CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0115 012200131016006000	RML	CV0115A-CS West Half 1/8/2013	CV0115B-CS East Half 1/8/2013	CV0115C-GS Soil Pile 1/8/2013
Metals mg/kg *				
Arsenic	39	7.58	25.68	29.38
Barium	46,000	149.63	174.4	181.31
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	120.34	333.27	150.88
Lead	400	62.59	253.22	253.96
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	7.16
PAHs µg/kg				
Benz(a)anthracene	15,000	16	150	110
Benzo(a)pyrene	1,500	17	200	130
Benzo(b)fluoranthene	15,000	27	360	190
Benzo(k)fluoranthene	150,000	11	97	86
Chrysene	1,500,000	29	200	180
Dibenz(a,h)anthracene	1,500	7.1 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	9.3 J	56 J	62 J

Notes:

- CS Composite sample
- 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
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0125 012200132018025000	RML	CV0125A-CS Vacant Lot 1/29/2013	CV0125B-CS Vacant Lot 1/29/2013	CV0125C-CS Vacant Lot 1/29/2013	CV0125D-CS Vacant Lot 1/29/2013
Metals mg/kg *					
Arsenic	39	53	29.5	17.56	16.42
Barium	46,000	290	184.17	102.99	71.07
Cadmium	210	4.1	ND	ND	ND
Chromium(III)	350,000	277.83	110.63	89.91	99.23
Lead	400	680	245.63	128.99	127.38
Mercury (elemental)	30	9.56	ND	ND	ND
Selenium	1,200	3.9	ND	ND	ND
Silver	1,200	1.8	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	410	790	390	210
Benzo(a)pyrene	1,500	300	510	280	140
Benzo(b)fluoranthene	15,000	480	910	470	230
Benzo(k)fluoranthene	150,000	160	250	150	74
Chrysene	1,500,000	490	820	470	280
Dibenz(a,h)anthracene	1,500	110 J	180	91	58
Indeno(1,2,3-c,d)pyrene	15,000	320	490	230	100

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0136

012200132022015000

CV0136A-CS-SP

Back Yard

1/8/2013

RML

Metals mg/kg *		
Arsenic	39	17.27
Barium	46,000	151.22
Cadmium	210	ND
Chromium(III)	350,000	105.6
Lead	400	157.95
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	89
Benzo(a)pyrene	1,500	93
Benzo(b)fluoranthene	15,000	120
Benzo(k)fluoranthene	150,000	35 J
Chrysene	1,500,000	130
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	62 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0148		CV0148A-CS	CV0148B-CS
012200132020009000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	18.26	17.92
Barium	46,000	187.11	141.84
Cadmium	210	ND	ND
Chromium(III)	350,000	107.47	144.15
Lead	400	157.46	131.78
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	43	16
Benzo(a)pyrene	1,500	30	14 J
Benzo(b)fluoranthene	15,000	43	16 J
Benzo(k)fluoranthene	150,000	18	10 J
Chrysene	1,500,000	47	24
Dibenz(a,h)anthracene	1,500	11 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	26 J	13 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0155 012200132020005000	RML	CV0155A-CS Front Yard 1/29/2013	CV0155A-CSD Front Yard 1/29/2013	CV0155B-CS Back Yard 1/29/2013
Metals mg/kg *				
Arsenic	39	13.8	NA	13.11
Barium	46,000	173.93	NA	143.81
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	92.61	NA	111.5
Lead	400	144.91	NA	152.79
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	160	170	200
Benzo(a)pyrene	1,500	160	180	150
Benzo(b)fluoranthene	15,000	270	280	220
Benzo(k)fluoranthene	150,000	84	120	71
Chrysene	1,500,000	210	240	230
Dibenz(a,h)anthracene	1,500	65	74	55 J
Indeno(1,2,3-c,d)pyrene	15,000	160	150	130

Notes:

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

CV0159 012200132020003000	RML	CV0159A-CS Front Yard 1/9/2013	CV0159A-CSD Front Yard 1/9/2013	CV0159B-CS Back Yard 1/9/2013
Metals mg/kg *				
Arsenic	39	8.3	NA	8.71
Barium	46,000	111.27	NA	71.75
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	89.35	NA	82.72
Lead	400	62.04	NA	78.95
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	210	150	190
Benzo(a)pyrene	1,500	160	130	160
Benzo(b)fluoranthene	15,000	300	280	320
Benzo(k)fluoranthene	150,000	100	61	93
Chrysene	1,500,000	400	330	400
Dibenz(a,h)anthracene	1,500	64	57	56
Indeno(1,2,3-c,d)pyrene	15,000	110	95	120

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0174 012200131016016000	RML	CV0174A-CS Front Yard 1/9/2013	CV0174B-CS Back Yard 1/9/2013	CV0174C-CS Side Yard 1/9/2013
Metals mg/kg *				
Arsenic	39	14.03	38.48	31.57
Barium	46,000	101.12	460	114.73
Cadmium	210	ND	2.5	ND
Chromium(III)	350,000	63.36	117.27	109.7
Lead	400	107.38	680	299.61
Mercury (elemental)	30	ND	0.29	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	0.29 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	300	100	1,000
Benzo(a)pyrene	1,500	290	90	890
Benzo(b)fluoranthene	15,000	450	130	1,300
Benzo(k)fluoranthene	150,000	150	67	560
Chrysene	1,500,000	370	130	1,200
Dibenz(a,h)anthracene	1,500	70	30 J	210
Indeno(1,2,3-c,d)pyrene	15,000	170	63	490

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0179 012200131017004000		CV0179A-CS-SP Front Yard 1/15/2013	CV0179B-CS-SP Back Yard 1/15/2013	CV0179C-CS-SP Back Yard 1/15/2013
	RML			
Metals mg/kg *				
Arsenic	39	27.21	19.5	34.33
Barium	46,000	68.16	44.72	153.61
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	116.95	113.48	137.83
Lead	400	147.17	178.14	338.62
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	41	230	78
Benzo(a)pyrene	1,500	33	190	67
Benzo(b)fluoranthene	15,000	44	270	97
Benzo(k)fluoranthene	150,000	18	100	41
Chrysene	1,500,000	46	240	82
Dibenz(a,h)anthracene	1,500	9.7 J	51	21 J
Indeno(1,2,3-c,d)pyrene	15,000	18 J	120	44

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0186 012200131016021000	RML	CV0186A-CS Front Yard 1/8/2013	CV0186B-CS Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	19.69	88.22
Barium	46,000	190.33	660
Cadmium	210	ND	2.3
Chromium(III)	350,000	135.54	236.61
Lead	400	146.43	1,200
Mercury (elemental)	30	ND	0.36
Selenium	1,200	ND	ND
Silver	1,200	ND	0.38 J
PAHs µg/kg			
Benz(a)anthracene	15,000	190	130
Benzo(a)pyrene	1,500	200	140
Benzo(b)fluoranthene	15,000	290	240
Benzo(k)fluoranthene	150,000	110	89 J
Chrysene	1,500,000	240	210
Dibenz(a,h)anthracene	1,500	52 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	97	53 J

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0188		CV0188A-CS	CV0188B-CS
012200131015011000		Front Yard	Back Yard
	RML	1/29/2013	1/29/2013
Metals mg/kg *			
Arsenic	39	15.72	8.86
Barium	46,000	65.67	150.55
Cadmium	210	ND	ND
Chromium(III)	350,000	80.84	81.66
Lead	400	102.59	82.55
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	280	110
Benzo(a)pyrene	1,500	200	90
Benzo(b)fluoranthene	15,000	330	140
Benzo(k)fluoranthene	150,000	140	56
Chrysene	1,500,000	360	150
Dibenz(a,h)anthracene	1,500	79 J	38 J
Indeno(1,2,3-c,d)pyrene	15,000	150	78 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0198		CV0198A-CS
012200134015015000		Vacant Lot
	RML	1/15/2013
Metals mg/kg *		
Arsenic	39	58.27
Barium	46,000	480
Cadmium	210	2.6
Chromium(III)	350,000	168.18
Lead	400	660
Mercury (elemental)	30	0.26
Selenium	1,200	1.9 J
Silver	1,200	0.26 J
PAHs µg/kg		
Benz(a)anthracene	15,000	180
Benzo(a)pyrene	1,500	130
Benzo(b)fluoranthene	15,000	220
Benzo(k)fluoranthene	150,000	100
Chrysene	1,500,000	190
Dibenz(a,h)anthracene	1,500	51
Indeno(1,2,3-c,d)pyrene	15,000	110

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0199 012200134015016000	RML	CV0199A-CS Front Yard 1/15/2013	CV0199B-CS Side Yard 1/15/2013	CV0199C-CS Back Yard 1/15/2013
Metals mg/kg *				
Arsenic	39	17.89	13.81	12.74
Barium	46,000	423	267.11	209.44
Cadmium	210	18.41	ND	ND
Chromium(III)	350,000	102.52	95.62	110.12
Lead	400	276.07	112.01	126.02
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	290	460	380
Benzo(a)pyrene	1,500	350	440	420
Benzo(b)fluoranthene	15,000	630	930	790
Benzo(k)fluoranthene	150,000	230	280	290
Chrysene	1,500,000	400	570	470
Dibenz(a,h)anthracene	1,500	160	200	170
Indeno(1,2,3-c,d)pyrene	15,000	300	310	380

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0205		CV0205A-CS	CV0205B-CS
012200134012006000		Front Yard	Back Yard
	RML	1/9/2013	1/9/2013
Metals mg/kg *			
Arsenic	39	16.19	24.92
Barium	46,000	176.18	191.72
Cadmium	210	ND	ND
Chromium(III)	350,000	79.25	102.79
Lead	400	146.96	279.06
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	410	97
Benzo(a)pyrene	1,500	370	110
Benzo(b)fluoranthene	15,000	530	180
Benzo(k)fluoranthene	150,000	230	71
Chrysene	1,500,000	420	160
Dibenz(a,h)anthracene	1,500	100 J	37
Indeno(1,2,3-c,d)pyrene	15,000	260	79

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0208 012200134011008000	RML	CV0208A-CS Vacant Lot 1/17/2013	CV0208B-CS Vacant Lot 1/17/2013
Metals mg/kg *			
Arsenic	39	46	23.46
Barium	46,000	300	230.04
Cadmium	210	1.9	ND
Chromium(III)	350,000	109.67	129.98
Lead	400	250	161.78
Mercury (elemental)	30	0.2	ND
Selenium	1,200	3.9	ND
Silver	1,200	0.2 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	500	110
Benzo(a)pyrene	1,500	370	86
Benzo(b)fluoranthene	15,000	600	160
Benzo(k)fluoranthene	150,000	190	52
Chrysene	1,500,000	500	130
Dibenz(a,h)anthracene	1,500	120	34
Indeno(1,2,3-c,d)pyrene	15,000	240	63

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0210 012200134012005000	RML	CV0210A-CS-SP Front Yard 1/9/2013	CV0210B-CS-SP Back Yard 1/9/2013
Metals mg/kg *			
Arsenic	39	23.45	28.08
Barium	46,000	229.88	143.18
Cadmium	210	ND	ND
Chromium(III)	350,000	87.11	107.45
Lead	400	206.06	263.93
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	580	13,000
Benzo(a)pyrene	1,500	400	13,000
Benzo(b)fluoranthene	15,000	640	19,000
Benzo(k)fluoranthene	150,000	190	6,300
Chrysene	1,500,000	530	15,000
Dibenz(a,h)anthracene	1,500	110	3,100
Indeno(1,2,3-c,d)pyrene	15,000	250	7,100

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
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

CV0212		CV0212A-CS-SP	CV0212B-CS-SP	CV0212C-CS-SP
012200134012004000		Front Yard	Back Yard	Side Yard
	RML	1/9/2013	1/9/2013	1/9/2013
Metals mg/kg *				
Arsenic	39	22.9	39.99	37.42
Barium	46,000	215.25	192.07	490
Cadmium	210	ND	ND	1.9
Chromium(III)	350,000	134.58	137.74	106.88
Lead	400	320.8	485.93	1,800
Mercury (elemental)	30	ND	ND	1.5
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	0.34 J
PAHs µg/kg				
Benz(a)anthracene	15,000	320	39	350
Benzo(a)pyrene	1,500	230	27	340
Benzo(b)fluoranthene	15,000	390	46	470
Benzo(k)fluoranthene	150,000	120	18	230
Chrysene	1,500,000	280	47	410
Dibenz(a,h)anthracene	1,500	48 J	7.4 J	84 J
Indeno(1,2,3-c,d)pyrene	15,000	160	19 J	180

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0213 012200134011012000	RML	CV0213A-CS Front Yard 1/21/2013	CV0213B-CS Back Yard 1/21/2013
Metals mg/kg *			
Arsenic	39	30	26.28
Barium	46,000	310 J	600
Cadmium	210	2.4	5.5
Chromium(III)	350,000	101.42	151.25
Lead	400	490 J	440
Mercury (elemental)	30	1.5	0.42
Selenium	1,200	2.2 J	2.7 J
Silver	1,200	0.44 J	0.57 J
PAHs µg/kg			
Benz(a)anthracene	15,000	130	60
Benzo(a)pyrene	1,500	110	40 J
Benzo(b)fluoranthene	15,000	160	49 J
Benzo(k)fluoranthene	150,000	62	ND
Chrysene	1,500,000	140	33 J
Dibenz(a,h)anthracene	1,500	35	ND
Indeno(1,2,3-c,d)pyrene	15,000	87	ND

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0214		CV0214A-CS	CV0214B-CS
012200134012003000		Front Yard	Back Yard
	RML	1/9/2013	1/9/2013
Metals mg/kg *			
Arsenic	39	25.06	13.02
Barium	46,000	163.05	109.95
Cadmium	210	ND	ND
Chromium(III)	350,000	100.46	110.34
Lead	400	276.24	234.42
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	510	170
Benzo(a)pyrene	1,500	480	160
Benzo(b)fluoranthene	15,000	790	310
Benzo(k)fluoranthene	150,000	280	89
Chrysene	1,500,000	530	270
Dibenz(a,h)anthracene	1,500	110 J	54 J
Indeno(1,2,3-c,d)pyrene	15,000	280	100 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0221 012200134005007000	RML	CV0221A-CS-SP Front Yard 1/9/2013	CV0221B-CS-SP Back Yard 1/9/2013
Metals mg/kg *			
Arsenic	39	14.11	13.99
Barium	46,000	ND	70.06
Cadmium	210	ND	ND
Chromium(III)	350,000	80.37	81.2
Lead	400	155.12	138.16
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	570
Benzo(a)pyrene	1,500	110	630
Benzo(b)fluoranthene	15,000	180	1,100
Benzo(k)fluoranthene	150,000	75	510
Chrysene	1,500,000	150	760
Dibenz(a,h)anthracene	1,500	31	170
Indeno(1,2,3-c,d)pyrene	15,000	69	470

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0242 012200134010009000	RML	CV0242A-CS-SP Front Yard 1/28/2013	CV0242B-CS-SP Back Yard 1/28/2013
Metals mg/kg *			
Arsenic	39	17.02	127.23
Barium	46,000	136.11	750
Cadmium	210	ND	3.9
Chromium(III)	350,000	92.87	138.71
Lead	400	210.63	12,000
Mercury (elemental)	30	ND	8.71
Selenium	1,200	ND	3.1 J
Silver	1,200	ND	2.2
PAHs µg/kg			
Benz(a)anthracene	15,000	74	730
Benzo(a)pyrene	1,500	70	730
Benzo(b)fluoranthene	15,000	100	920
Benzo(k)fluoranthene	150,000	45	490
Chrysene	1,500,000	70	610
Dibenz(a,h)anthracene	1,500	23 J	200
Indeno(1,2,3-c,d)pyrene	15,000	47	470

Notes:

CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
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

CV0243		CV0243A-CS
012200134011006000		Front Yard
	RML	1/16/2013
Metals mg/kg *		
Arsenic	39	28.82
Barium	46,000	169.84
Cadmium	210	ND
Chromium(III)	350,000	248.06
Lead	400	350.15
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	230
Benzo(a)pyrene	1,500	260
Benzo(b)fluoranthene	15,000	480
Benzo(k)fluoranthene	150,000	150
Chrysene	1,500,000	300
Dibenz(a,h)anthracene	1,500	31 J
Indeno(1,2,3-c,d)pyrene	15,000	93

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0246		CV0246A-CS	CV0246B-CS
012200134010011000		Front Yard	Back Yard
	RML	1/22/2013	1/22/2013
Metals mg/kg *			
Arsenic	39	71.96	74.26
Barium	46,000	176.62	780
Cadmium	210	ND	4.8
Chromium(III)	350,000	158.1	177.76
Lead	400	946.53	1,600
Mercury (elemental)	30	ND	7.9
Selenium	1,200	ND	2.7 J
Silver	1,200	ND	1.8
PAHs µg/kg			
Benz(a)anthracene	15,000	690	190
Benzo(a)pyrene	1,500	590	140
Benzo(b)fluoranthene	15,000	1000	210
Benzo(k)fluoranthene	150,000	310	120
Chrysene	1,500,000	840	250
Dibenz(a,h)anthracene	1,500	210	43 J
Indeno(1,2,3-c,d)pyrene	15,000	400	100 J

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0254 012200134006006000	RML	CV0254A-CS Front Yard 1/22/2013	CV0254B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	21.49	38.11
Barium	46,000	226.71	290
Cadmium	210	ND	3.6
Chromium(III)	350,000	97.75	117.83
Lead	400	240.38	470
Mercury (elemental)	30	ND	0.3
Selenium	1,200	ND	2.7 J
Silver	1,200	ND	0.44 J
PAHs µg/kg			
Benz(a)anthracene	15,000	1,700	100
Benzo(a)pyrene	1,500	2,400 J	61
Benzo(b)fluoranthene	15,000	4,800	140
Benzo(k)fluoranthene	150,000	1,200	34
Chrysene	1,500,000	2,400 J	160
Dibenz(a,h)anthracene	1,500	1,100	42 J
Indeno(1,2,3-c,d)pyrene	15,000	2,800	61 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0255 012200134007016000		CV0255A-CS-SP Front Yard 1/8/2013	CV0255B-CS-SP Back Yard 1/8/2013	CV0255C-CS-SP Back Yard 1/8/2013
	RML			
Metals mg/kg *				
Arsenic	39	13.86	18.02	17.82
Barium	46,000	116.18	131.3	135.69
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	113.8	119.65	86.35
Lead	400	103.45	296.38	258.52
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	110	170	93
Benzo(a)pyrene	1,500	120	180	94
Benzo(b)fluoranthene	15,000	170	220	160
Benzo(k)fluoranthene	150,000	65 J	120	42 J
Chrysene	1,500,000	140	210	120
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	49 J	150	81 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0261 012200134006003000	RML	CV0261A-CS Front Yard 1/9/2013	CV0261B-CS Back Yard 1/9/2013	CV0261B-CSD Back Yard 1/9/2013
Metals mg/kg *				
Arsenic	39	18.43	23.5	NA
Barium	46,000	79.47	226.9	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	67.34	187.61	NA
Lead	400	111.46	441.78	NA
Mercury (elemental)	30	ND	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	ND	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	140	71 J	480 J
Benzo(a)pyrene	1,500	160	60 J	450 J
Benzo(b)fluoranthene	15,000	310	120 J	730 J
Benzo(k)fluoranthene	150,000	85	27 J	230 J
Chrysene	1,500,000	230	97 J	560 J
Dibenz(a,h)anthracene	1,500	60	24 J	210 J
Indeno(1,2,3-c,d)pyrene	15,000	130	57 J	430 J

Notes:

- CS Composite sample
 - CSD Composite sample, duplicate
 - CV Collegeville Neighborhood
 - EPA U.S. Environmental Protection Agency
 - J Estimated value
 - µg/kg Micrograms per kilogram
 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
 - RML EPA Regional Removal Management Levels, dated December 2012
 - 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

CV0270 012200131017008000	RML	CV0270A-CS Front Yard 1/10/2013	CV0270B-CS Back Yard 1/10/2013
Metals mg/kg *			
Arsenic	39	18.53	16.04
Barium	46,000	ND	108.97
Cadmium	210	ND	ND
Chromium(III)	350,000	42.13	69.48
Lead	400	136.4	148.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120 J	150 J
Benzo(a)pyrene	1,500	73 J	100 J
Benzo(b)fluoranthene	15,000	140 J	170 J
Benzo(k)fluoranthene	150,000	44 J	61 J
Chrysene	1,500,000	170 J	180 J
Dibenz(a,h)anthracene	1,500	28 J	42 J
Indeno(1,2,3-c,d)pyrene	15,000	43 J	81 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0273 012200131017011000	RML	CV0273A-CS-SP Front Yard 1/9/2013	CV0273B-CS-SP Back Yard 1/9/2013
Metals mg/kg *			
Arsenic	39	15.07	14.09
Barium	46,000	116.03	117.72
Cadmium	210	ND	ND
Chromium(III)	350,000	76.16	106.6
Lead	400	101.01	151.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	130
Benzo(a)pyrene	1,500	130	120
Benzo(b)fluoranthene	15,000	220	180
Benzo(k)fluoranthene	150,000	79	50
Chrysene	1,500,000	210	180
Dibenz(a,h)anthracene	1,500	47 J	40
Indeno(1,2,3-c,d)pyrene	15,000	110	90

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0285 012200134007009000	RML	CV0285A-CS-SP Front/Side Yard 1/31/2013	CV0285B-CS-SP Back Yard 1/31/2013
Metals mg/kg *			
Arsenic	39	31	20.06
Barium	46,000	270	119.23
Cadmium	210	1.3	ND
Chromium(III)	350,000	103.04	126.45
Lead	400	1,500	214.3
Mercury (elemental)	30	0.87	ND
Selenium	1,200	2.6 J	ND
Silver	1,200	0.32 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	430	280
Benzo(a)pyrene	1,500	450	190
Benzo(b)fluoranthene	15,000	760	360
Benzo(k)fluoranthene	150,000	230	120
Chrysene	1,500,000	490	420
Dibenz(a,h)anthracene	1,500	93	85
Indeno(1,2,3-c,d)pyrene	15,000	290	160

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0295 012200134015010000	RML	CV0295A-CS Front Yard 1/7/2013	CV0295B-CS Back Yard 1/7/2013
Metals mg/kg *			
Arsenic	39	34.87	42.99
Barium	46,000	245.55	570
Cadmium	210	ND	2.8
Chromium(III)	350,000	122.54	76.02
Lead	400	239.54	620
Mercury (elemental)	30	ND	1.1
Selenium	1,200	ND	4.1 J
Silver	1,200	ND	0.65 J
PAHs µg/kg			
Benz(a)anthracene	15,000	110	1,600
Benzo(a)pyrene	1,500	120	1,900
Benzo(b)fluoranthene	15,000	190	4,100
Benzo(k)fluoranthene	150,000	75 J	1,500
Chrysene	1,500,000	150	2,200
Dibenz(a,h)anthracene	1,500	ND	320
Indeno(1,2,3-c,d)pyrene	15,000	ND	670

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0297 012200134015009000	RML	CV0297A-CS Front Yard 1/7/2013	CV0297B-CS Back Yard 1/7/2013
Metals mg/kg *			
Arsenic	39	53	29.01
Barium	46,000	410	ND
Cadmium	210	2.6	ND
Chromium(III)	350,000	108.44	74.76
Lead	400	300	277.41
Mercury (elemental)	30	0.2	ND
Selenium	1,200	ND	ND
Silver	1,200	0.41 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	420	640
Benzo(a)pyrene	1,500	400	610
Benzo(b)fluoranthene	15,000	780	1,300
Benzo(k)fluoranthene	150,000	290	580
Chrysene	1,500,000	540	920
Dibenz(a,h)anthracene	1,500	71 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	150	170

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0298 012200134002015000	RML	CV0298A-CS Front Yard 1/23/2013	CV0298A-CSD Front Yard 1/23/2013	CV0298B-CS Back Yard 1/23/2013
Metals mg/kg *				
Arsenic	39	10.34	NA	8.42
Barium	46,000	219.75	NA	246.27
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	82.58	NA	89.91
Lead	400	58.49	NA	31.99
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	77	63	34
Benzo(a)pyrene	1,500	68	52	48
Benzo(b)fluoranthene	15,000	100	83	87
Benzo(k)fluoranthene	150,000	42	24	39
Chrysene	1,500,000	84	63	68
Dibenz(a,h)anthracene	1,500	29	22 J	22 J
Indeno(1,2,3-c,d)pyrene	15,000	63	54	67

Notes:

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

CV0302 012200134002017000		CV0302A-CS-SP Front Yard 1/22/2013	CV0302B-CS-SP Back Yard 1/22/2013
	RML		
Metals mg/kg *			
Arsenic	39	24	19.18
Barium	46,000	220	158.66
Cadmium	210	1.5	ND
Chromium(III)	350,000	127.52	132.02
Lead	400	460.88	185.87
Mercury (elemental)	30	0.28	ND
Selenium	1,200	2.9	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	880
Benzo(a)pyrene	1,500	190	920
Benzo(b)fluoranthene	15,000	280	1,400
Benzo(k)fluoranthene	150,000	89	480
Chrysene	1,500,000	210	1,000
Dibenz(a,h)anthracene	1,500	48	320
Indeno(1,2,3-c,d)pyrene	15,000	180	960

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0303		CV0303A-CS	CV0303B-CS
012200134002018000		Front Yard	Side Yard
	RML	1/22/2013	1/22/2013
Metals mg/kg *			
Arsenic	39	21.19	20.5
Barium	46,000	87.6	105.33
Cadmium	210	ND	ND
Chromium(III)	350,000	131.9	741.79
Lead	400	103.35	268.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	56	100
Benzo(a)pyrene	1,500	39	86
Benzo(b)fluoranthene	15,000	77	150
Benzo(k)fluoranthene	150,000	36	58
Chrysene	1,500,000	90	130
Dibenz(a,h)anthracene	1,500	14 J	35 J
Indeno(1,2,3-c,d)pyrene	15,000	29	75 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0307 012200134002019000	RML	CV0307A-CS Front Yard 1/31/2013	CV0307B-CS Back/Side Yard 1/31/2013	CV0307C-CS Veg Garden 1/31/2013
Metals mg/kg *				
Arsenic	39	33.59	46.94	41.82
Barium	46,000	166.07	207.89	620
Cadmium	210	ND	ND	1.6
Chromium(III)	350,000	121.53	182.12	139.65
Lead	400	305.81	793.59	420
Mercury (elemental)	30	ND	ND	0.56
Selenium	1,200	ND	ND	4.5
Silver	1,200	ND	ND	0.77 J
PAHs µg/kg				
Benz(a)anthracene	15,000	720	390	140
Benzo(a)pyrene	1,500	1,100	380	110
Benzo(b)fluoranthene	15,000	2,200	790	230
Benzo(k)fluoranthene	150,000	680	220	60
Chrysene	1,500,000	1,100	600	240
Dibenz(a,h)anthracene	1,500	360	79 J	43 J
Indeno(1,2,3-c,d)pyrene	15,000	920	220	69 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0312		CV0312A-CS
012200134015001000		Back Yard
	RML	1/31/2013
Metals mg/kg *		
Arsenic	39	61.97
Barium	46,000	219.78
Cadmium	210	ND
Chromium(III)	350,000	169.12
Lead	400	210.96
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	5,800
Benzo(a)pyrene	1,500	4,600
Benzo(b)fluoranthene	15,000	8,100
Benzo(k)fluoranthene	150,000	2,500
Chrysene	1,500,000	5,600
Dibenz(a,h)anthracene	1,500	790
Indeno(1,2,3-c,d)pyrene	15,000	2,400

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0317		CV0317A-CS-SP	CV0317B-CS-SP
012200133001015000		Front Yard	Back Yard
	RML	1/29/2013	1/29/2013
Metals mg/kg *			
Arsenic	39	30.86	63.97
Barium	46,000	71.96	200
Cadmium	210	ND	3.7
Chromium(III)	350,000	124.95	235.04
Lead	400	256.06	830
Mercury (elemental)	30	ND	0.2
Selenium	1,200	ND	1.9 J
Silver	1,200	ND	0.98 J
PAHs µg/kg			
Benz(a)anthracene	15,000	410	490
Benzo(a)pyrene	1,500	610	730
Benzo(b)fluoranthene	15,000	1,000	1,500
Benzo(k)fluoranthene	150,000	320	360
Chrysene	1,500,000	590	560
Dibenz(a,h)anthracene	1,500	160	230
Indeno(1,2,3-c,d)pyrene	15,000	430	520

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0334 012200134002009000		CV0334A-CS-SP Front Yard 1/15/2013	CV0334B-CS-SP Back Yard 1/15/2013	CV0334C-CS-SP Side Yard 1/15/2013	CV0334D-CS-SP Side Yard 1/15/2013
RML					
Metals mg/kg *					
Arsenic	39	8.83	12.73	16.02	16.19
Barium	46,000	ND	66.52	ND	60.76
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	100.11	110.17	90.29	104.85
Lead	400	50.57	86.33	94.84	135.77
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	61	68	0.18	45
Benzo(a)pyrene	1,500	35	52	0.091 J	50
Benzo(b)fluoranthene	15,000	56	90	0.17	86
Benzo(k)fluoranthene	150,000	15	25	0.085 J	29
Chrysene	1,500,000	53	76	0.21	52
Dibenz(a,h)anthracene	1,500	12 J	16 J	ND	15 J
Indeno(1,2,3-c,d)pyrene	15,000	20 J	33	ND	35

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0357 012200134013013000	RML	CV0357A-CS Front Yard 1/31/2013	CV0357B-CS Side Yard 1/31/2013	CV0357C-CS Back Yard 1/31/2013
Metals mg/kg *				
Arsenic	39	16.23	22.32	36.1
Barium	46,000	109.15	124.02	ND
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	93.99	118.76	109.28
Lead	400	135.27	99.94	360.93
Mercury (elemental)	30	ND	ND	8.99
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	190	150	320
Benzo(a)pyrene	1,500	190	130	300
Benzo(b)fluoranthene	15,000	330	250	770
Benzo(k)fluoranthene	150,000	93	62	190
Chrysene	1,500,000	280	230	380
Dibenz(a,h)anthracene	1,500	43 J	52 J	130
Indeno(1,2,3-c,d)pyrene	15,000	120	91	300

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0363		CV0363A-CS-SP	CV0363B-CS-SP
012200134014005000		Vacant Lot	Vacant Lot
	RML	1/22/2013	1/22/2013
Metals mg/kg *			
Arsenic	39	42.36	53.58
Barium	46,000	318.64	360
Cadmium	210	ND	2.3
Chromium(III)	350,000	121.35	160.2
Lead	400	320.24	600
Mercury (elemental)	30	ND	0.26
Selenium	1,200	ND	3.4
Silver	1,200	ND	0.35 J
PAHs µg/kg			
Benz(a)anthracene	15,000	230	200
Benzo(a)pyrene	1,500	190	170
Benzo(b)fluoranthene	15,000	270	320
Benzo(k)fluoranthene	150,000	81	85
Chrysene	1,500,000	230	340
Dibenz(a,h)anthracene	1,500	63	72 J
Indeno(1,2,3-c,d)pyrene	15,000	150	150

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0365 012200134014004000	RML	CV0365A-CS Front Yard 1/23/2013	CV0365B-CS Back Yard 1/23/2013
Metals mg/kg *			
Arsenic	39	19.5	19.15
Barium	46,000	114.98	152.04
Cadmium	210	ND	ND
Chromium(III)	350,000	112.07	109.95
Lead	400	145.24	188.79
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	600	540
Benzo(a)pyrene	1,500	520	470
Benzo(b)fluoranthene	15,000	790	670
Benzo(k)fluoranthene	150,000	250	250
Chrysene	1,500,000	650	580
Dibenz(a,h)anthracene	1,500	200	170
Indeno(1,2,3-c,d)pyrene	15,000	480	460

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0371 012200134003010000	RML	CV0371A-CS-SP Front/Side Yard 1/22/2013	CV0371B-CS-SP Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	22.34	43.46
Barium	46,000	157.97	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	85.31	136.81
Lead	400	232.83	354.24
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	410
Benzo(a)pyrene	1,500	140	330
Benzo(b)fluoranthene	15,000	250	550
Benzo(k)fluoranthene	150,000	110	230
Chrysene	1,500,000	290	580
Dibenz(a,h)anthracene	1,500	46 J	120
Indeno(1,2,3-c,d)pyrene	15,000	120 J	260

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0377		CV0377A-CS	CV0377B-CS
012200134003007000		Front Yard	Veg Garden
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	17.8	24.24
Barium	46,000	149.65	177.07
Cadmium	210	ND	ND
Chromium(III)	350,000	98.58	127.18
Lead	400	103.91	193.02
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,100	270
Benzo(a)pyrene	1,500	900	230
Benzo(b)fluoranthene	15,000	1,300	500
Benzo(k)fluoranthene	150,000	540	150
Chrysene	1,500,000	990	300
Dibenz(a,h)anthracene	1,500	230	65
Indeno(1,2,3-c,d)pyrene	15,000	510	150

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0378 012200134004014000	RML	CV0378A-CS Front Yard 1/15/2013	CV0378B-CS Back Yard 1/15/2013
Metals mg/kg *			
Arsenic	39	25.99	23.12
Barium	46,000	403.77	43.46
Cadmium	210	ND	ND
Chromium(III)	350,000	140.39	135.4
Lead	400	143.42	217.82
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	62	2,300
Benzo(a)pyrene	1,500	40	2,800
Benzo(b)fluoranthene	15,000	83	3,500
Benzo(k)fluoranthene	150,000	15	2,100
Chrysene	1,500,000	52	3,200
Dibenz(a,h)anthracene	1,500	20 J	1,500
Indeno(1,2,3-c,d)pyrene	15,000	41	2,900

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0389 012200131010058000	RML	CV0389A-CS Front Yard 1/15/2013	CV0389A-CSD Front Yard 1/15/2013	CV0389B-CS Back Yard 1/15/2013
Metals mg/kg *				
Arsenic	39	50	NA	32.46
Barium	46,000	1,000	NA	256.08
Cadmium	210	1.6	NA	ND
Chromium(III)	350,000	144.56	NA	160.6
Lead	400	280	NA	291.49
Mercury (elemental)	30	0.44	NA	ND
Selenium	1,200	3.9	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	42	43	130
Benzo(a)pyrene	1,500	31	39	110
Benzo(b)fluoranthene	15,000	47	59	190
Benzo(k)fluoranthene	150,000	18	25	67
Chrysene	1,500,000	41	54	170
Dibenz(a,h)anthracene	1,500	11 J	16 J	38
Indeno(1,2,3-c,d)pyrene	15,000	23 J	45	100

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0393		CV0393A-CS	CV0393B-CS
012200131010061000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	20.79	15.54
Barium	46,000	159.02	206.46
Cadmium	210	ND	ND
Chromium(III)	350,000	104.75	129.55
Lead	400	145.42	213.97
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	70	60
Benzo(a)pyrene	1,500	86	68
Benzo(b)fluoranthene	15,000	130	150
Benzo(k)fluoranthene	150,000	65	61
Chrysene	1,500,000	100	96
Dibenz(a,h)anthracene	1,500	20	13
Indeno(1,2,3-c,d)pyrene	15,000	37	25

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0395 012200131010062000	RML	CV0395A-CS-SP Front/Side Yard 1/31/2013	CV0395B-CS-SP Back/Side Yard 1/31/2013
Metals mg/kg *			
Arsenic	39	27.95	46.49
Barium	46,000	219.24	200
Cadmium	210	ND	1.7
Chromium(III)	350,000	172.07	185.12
Lead	400	138.15	1,093.17
Mercury (elemental)	30	ND	0.12
Selenium	1,200	ND	2.6 J
Silver	1,200	ND	0.29 J
PAHs µg/kg			
Benz(a)anthracene	15,000	190	430
Benzo(a)pyrene	1,500	160	350
Benzo(b)fluoranthene	15,000	270	630
Benzo(k)fluoranthene	150,000	88	230
Chrysene	1,500,000	180	450
Dibenz(a,h)anthracene	1,500	62	180
Indeno(1,2,3-c,d)pyrene	15,000	150	410

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0400 012200131010064000	RML	CV0400A-CS Front Yard 1/31/2013	CV0400B-CS Back Yard 1/31/2013	CV0400B-CSD Back Yard 1/31/2013
Metals mg/kg *				
Arsenic	39	16.43	23.92	NA
Barium	46,000	42.03	163.48	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	103.53	141.14	NA
Lead	400	174.33	209.77	NA
Mercury (elemental)	30	ND	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	ND	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	160	89 J	44 J
Benzo(a)pyrene	1,500	110	49	41
Benzo(b)fluoranthene	15,000	160	95 J	51 J
Benzo(k)fluoranthene	150,000	57	31	16
Chrysene	1,500,000	150	86	58
Dibenz(a,h)anthracene	1,500	43	24 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	98	55	32

Notes:

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

CV0403 012200131010079000	RML	CV0403A-CS Front Yard 1/22/2013	CV0403B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	31.13	21.64
Barium	46,000	204.67	116.34
Cadmium	210	6	ND
Chromium(III)	350,000	115.82	96.35
Lead	400	800	160.75
Mercury (elemental)	30	0.27	ND
Selenium	1,200	3.2	ND
Silver	1,200	3.3	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	1,100
Benzo(a)pyrene	1,500	75	980
Benzo(b)fluoranthene	15,000	150	1,500
Benzo(k)fluoranthene	150,000	36	410
Chrysene	1,500,000	110	1,200
Dibenz(a,h)anthracene	1,500	25	230
Indeno(1,2,3-c,d)pyrene	15,000	60	750

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0406		CV0406A-CS	CV0406B-CS
012200131010067000		Vacant Lot	Vacant Lot
	RML	1/17/2013	1/17/2013
Metals mg/kg *			
Arsenic	39	12.19	14.91
Barium	46,000	178.69	204.74
Cadmium	210	ND	ND
Chromium(III)	350,000	85.84	112.16
Lead	400	85.42	115.56
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	38	48
Benzo(a)pyrene	1,500	32	45
Benzo(b)fluoranthene	15,000	56	72
Benzo(k)fluoranthene	150,000	16	33
Chrysene	1,500,000	46	61
Dibenz(a,h)anthracene	1,500	10 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	27	39

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0407 012200131010077000	RML	CV0407A-CS-SP Front Yard 1/8/2013	CV0407B-CS-SP Back Yard 1/8/2013	CV0407C-CS-SP Back Yard 1/8/2013
Metals mg/kg *				
Arsenic	39	20.02	27.18	22.44
Barium	46,000	49.68	ND	92.63
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	88.34	80.9	85.13
Lead	400	94.28	188.96	121.02
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,400	87,000	550
Benzo(a)pyrene	1,500	1,400	54,000	610
Benzo(b)fluoranthene	15,000	1,700	91,000	780
Benzo(k)fluoranthene	150,000	830	47,000	400
Chrysene	1,500,000	1,300	86,000	620
Dibenz(a,h)anthracene	1,500	270	ND	130
Indeno(1,2,3-c,d)pyrene	15,000	610	37,000	280

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0408		CV0408A-CS	CV0408B-CS
012200131010068000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	13.07	11.3
Barium	46,000	141.87	138.25
Cadmium	210	ND	ND
Chromium(III)	350,000	82.66	91.21
Lead	400	87.92	56.55
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,700	110
Benzo(a)pyrene	1,500	2,900	150
Benzo(b)fluoranthene	15,000	5,400	260
Benzo(k)fluoranthene	150,000	2,000	95
Chrysene	1,500,000	2,600	150
Dibenz(a,h)anthracene	1,500	1,000	42 J
Indeno(1,2,3-c,d)pyrene	15,000	2,600	68 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0411		CV0411A-CS	CV0411B-CS
012200131010070000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	23.66	19.62
Barium	46,000	151.65	291.89
Cadmium	210	ND	ND
Chromium(III)	350,000	125.73	96.23
Lead	400	137.45	128.53
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	84
Benzo(a)pyrene	1,500	240	110
Benzo(b)fluoranthene	15,000	330	140
Benzo(k)fluoranthene	150,000	110	75
Chrysene	1,500,000	250	120
Dibenz(a,h)anthracene	1,500	62 J	20
Indeno(1,2,3-c,d)pyrene	15,000	140	44

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0414 012200131010026000	RML	CV0414A-CS Front Yard 1/10/2013	CV0414B-CS Side Yard 1/10/2013	CV0414C-CS Side Yard 1/10/2013
Metals mg/kg *				
Arsenic	39	15.71	18.46	23.37
Barium	46,000	80.35	108.21	291.39
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	122.84	95.96	78.62
Lead	400	139.89	155.08	281.3
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	240 J	170 J	200 J
Benzo(a)pyrene	1,500	130 J	100 J	200 J
Benzo(b)fluoranthene	15,000	310 J	160 J	320 J
Benzo(k)fluoranthene	150,000	110 J	72 J	170 J
Chrysene	1,500,000	410 J	170 J	240 J
Dibenz(a,h)anthracene	1,500	65 J	53 J	86 J
Indeno(1,2,3-c,d)pyrene	15,000	94 J	110 J	160 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0417 012200131010024000	RML	CV0417A-CS Front Yard 1/22/2013	CV0417B-CS Side Yard 1/22/2013	CV0417C-CS Back Yard 1/22/2013
Metals mg/kg *				
Arsenic	39	46.46	17.3	17.03
Barium	46,000	485.78	126.39	99.72
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	115.4	84.94	108.44
Lead	400	239.97	119.96	105.08
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	29	240	74
Benzo(a)pyrene	1,500	20 J	160	71
Benzo(b)fluoranthene	15,000	33	250	160
Benzo(k)fluoranthene	150,000	8.5	120	38
Chrysene	1,500,000	37	270	120
Dibenz(a,h)anthracene	1,500	7 J	63 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	18 J	120	54

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0420 012200131010022000	RML	CV0420A-CS Front Yard 1/10/2013	CV0420B-CS Back Yard 1/10/2013	CV0420B-CSD Back Yard 1/10/2013
Metals mg/kg *				
Arsenic	39	19.45	30.17	NA
Barium	46,000	152.68	191.94	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	118.17	97.71	NA
Lead	400	163.1	347.65	NA
Mercury (elemental)	30	ND	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	ND	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	150 J	300 J	88 J
Benzo(a)pyrene	1,500	130 J	290 J	45 J
Benzo(b)fluoranthene	15,000	290 J	610 J	95 J
Benzo(k)fluoranthene	150,000	68 J	210 J	22 J
Chrysene	1,500,000	270 J	360 J	57 J
Dibenz(a,h)anthracene	1,500	63 J	120 J	R
Indeno(1,2,3-c,d)pyrene	15,000	110 J	230 J	40 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- R The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria; The analyte may or may not be present in the sample
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0433 012200131012002000	RML	CV0433A-CS-SP Front Yard 1/10/2013	CV0433B-CS-SP Back Yard 1/10/2013	CV0433C-CS-SP Back Yard 1/10/2013
Metals mg/kg *				
Arsenic	39	23.07	12.26	18
Barium	46,000	177.5	42.79	180
Cadmium	210	ND	ND	0.45 J
Chromium(III)	350,000	82.37	79.8	75.16
Lead	400	96.2	99.96	88
Mercury (elemental)	30	ND	ND	0.068
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	210 J	110 J	89 J
Benzo(a)pyrene	1,500	170 J	65 J	70 J
Benzo(b)fluoranthene	15,000	300 J	140 J	150 J
Benzo(k)fluoranthene	150,000	110 J	41 J	37 J
Chrysene	1,500,000	310 J	200 J	160 J
Dibenz(a,h)anthracene	1,500	61 J	26 J	40 J
Indeno(1,2,3-c,d)pyrene	15,000	140 J	66 J	70 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0437		CV0437A-CS	CV0437B-CS
012200134013009000		Front Yard	Back Yard
	RML	1/22/2013	1/22/2013
Metals mg/kg *			
Arsenic	39	17.83	21.61
Barium	46,000	65.7	141.24
Cadmium	210	ND	ND
Chromium(III)	350,000	78.05	108.87
Lead	400	149.27	130.47
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	170
Benzo(a)pyrene	1,500	200	200
Benzo(b)fluoranthene	15,000	360	430
Benzo(k)fluoranthene	150,000	120	120
Chrysene	1,500,000	260	270
Dibenz(a,h)anthracene	1,500	73	85
Indeno(1,2,3-c,d)pyrene	15,000	180	180

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0438		CV0438A-CS	CV0438B-CS
012200134013008000		Vacant Lot	Vacant Lot
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	14.98	20.61
Barium	46,000	158.66	148.98
Cadmium	210	ND	ND
Chromium(III)	350,000	77.51	113.89
Lead	400	85.92	238.39
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,100	140
Benzo(a)pyrene	1,500	1,400	87
Benzo(b)fluoranthene	15,000	2,200	160
Benzo(k)fluoranthene	150,000	820	38 J
Chrysene	1,500,000	1,300	130
Dibenz(a,h)anthracene	1,500	600	32 J
Indeno(1,2,3-c,d)pyrene	15,000	1,600	86 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0441		CV0441A-CS	CV0441B-CS
012200134021022000		Front Yard	Back Yard
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	27.17	38.3
Barium	46,000	189.47	105.15
Cadmium	210	ND	ND
Chromium(III)	350,000	118	121.82
Lead	400	279.6	359.18
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	370	460
Benzo(a)pyrene	1,500	310	330
Benzo(b)fluoranthene	15,000	500	660
Benzo(k)fluoranthene	150,000	170	310
Chrysene	1,500,000	380	550
Dibenz(a,h)anthracene	1,500	120	130
Indeno(1,2,3-c,d)pyrene	15,000	280	310

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0444		CV0444A-CS	CV0444B-CS
012200134012010000		Front Yard	Back Yard
	RML	1/17/2013	1/17/2013
Metals mg/kg *			
Arsenic	39	15.51	11.39
Barium	46,000	154.6	120.17
Cadmium	210	ND	ND
Chromium(III)	350,000	81.92	139.66
Lead	400	147.54	177.46
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	16
Benzo(a)pyrene	1,500	90	13 J
Benzo(b)fluoranthene	15,000	150	25
Benzo(k)fluoranthene	150,000	38 J	6.4 J
Chrysene	1,500,000	150	31
Dibenz(a,h)anthracene	1,500	30 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	61 J	11 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0454 012200134004009000	RML	CV0454A-CS Front Yard 1/23/2013	CV0454B-CS Side Yard 1/23/2013
Metals mg/kg *			
Arsenic	39	24.41	19.76
Barium	46,000	111.78	43.51
Cadmium	210	ND	ND
Chromium(III)	350,000	96.85	127.03
Lead	400	135.86	187.7
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	380	120
Benzo(a)pyrene	1,500	270	67
Benzo(b)fluoranthene	15,000	450	120
Benzo(k)fluoranthene	150,000	150	50
Chrysene	1,500,000	550	140
Dibenz(a,h)anthracene	1,500	97 J	43 J
Indeno(1,2,3-c,d)pyrene	15,000	220	69 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0456		CV0456A-CS	CV0456B-CS
012200134005011000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	15.47	14.08
Barium	46,000	87.96	154.18
Cadmium	210	ND	ND
Chromium(III)	350,000	100.45	91.62
Lead	400	163.66	208.08
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	54 J
Benzo(a)pyrene	1,500	100	59 J
Benzo(b)fluoranthene	15,000	170	80 J
Benzo(k)fluoranthene	150,000	52 J	51 J
Chrysene	1,500,000	140	86 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	48 J	ND

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0458		CV0458A-CS	CV0458B-CS
012200134005011001		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	23.24	13.89
Barium	46,000	62.61	251.74
Cadmium	210	ND	ND
Chromium(III)	350,000	100.56	92.12
Lead	400	149.9	220.05
Mercury (elemental)	30	ND	ND
Selenium	1,200	4.02	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	53 J
Benzo(a)pyrene	1,500	190	58 J
Benzo(b)fluoranthene	15,000	270	81 J
Benzo(k)fluoranthene	150,000	120	42 J
Chrysene	1,500,000	230	85 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	91 J	ND

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0459 012200134005012000	RML	CV0459A-CS Front Yard 1/17/2013	CV0459B-CS Back Yard 1/17/2013
Metals mg/kg *			
Arsenic	39	14.34	14.89
Barium	46,000	90.75	84.06
Cadmium	210	ND	ND
Chromium(III)	350,000	103.02	99.71
Lead	400	97.28	104.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	240
Benzo(a)pyrene	1,500	230	180
Benzo(b)fluoranthene	15,000	570	270
Benzo(k)fluoranthene	150,000	210	90
Chrysene	1,500,000	350	230
Dibenz(a,h)anthracene	1,500	90	42
Indeno(1,2,3-c,d)pyrene	15,000	200	110

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0461		CV0461A-CS-SP	CV0461B-CS-SP
012200134005013000		Front Yard	Back Yard
	RML	1/31/2013	1/31/2013
Metals mg/kg *			
Arsenic	39	24.28	17.9
Barium	46,000	ND	113.35
Cadmium	210	ND	ND
Chromium(III)	350,000	76.29	116.05
Lead	400	122.17	170.27
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	400
Benzo(a)pyrene	1,500	170	300
Benzo(b)fluoranthene	15,000	300	410
Benzo(k)fluoranthene	150,000	120	190
Chrysene	1,500,000	270	370
Dibenz(a,h)anthracene	1,500	46	99
Indeno(1,2,3-c,d)pyrene	15,000	100	260

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0462		CV0462A-CS	CV0462B-CS
012200134004005000		Front Yard	Back Yard
	RML	1/9/2013	1/9/2013
Metals mg/kg *			
Arsenic	39	19.3	9.79
Barium	46,000	110.29	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	108.89	71.21
Lead	400	130.12	77.02
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,300	230
Benzo(a)pyrene	1,500	1,200	270
Benzo(b)fluoranthene	15,000	2,100	410
Benzo(k)fluoranthene	150,000	680	150
Chrysene	1,500,000	1,600	330
Dibenz(a,h)anthracene	1,500	540	99
Indeno(1,2,3-c,d)pyrene	15,000	1,100	250

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0464		CV0464A-CS	CV0464B-CS
012200134004004000		Front Yard	Back Yard
	RML	1/17/2013	1/17/2013
Metals mg/kg *			
Arsenic	39	11.52	10.81
Barium	46,000	115.1	113.82
Cadmium	210	ND	ND
Chromium(III)	350,000	93.07	128.7
Lead	400	87.28	94.18
Mercury (elemental)	30	7.26	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160	600
Benzo(a)pyrene	1,500	160	590
Benzo(b)fluoranthene	15,000	250	880
Benzo(k)fluoranthene	150,000	69	370
Chrysene	1,500,000	180	570
Dibenz(a,h)anthracene	1,500	42	180
Indeno(1,2,3-c,d)pyrene	15,000	97	400

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0465 012200134005015000	RML	CV0465A-CS Front Yard 1/31/2013	CV0465B-CS Side Yard 1/31/2013	CV0465C-CS Back Yard 1/31/2013
Metals mg/kg *				
Arsenic	39	35.71	11.66	29
Barium	46,000	240.95	177.98	330
Cadmium	210	ND	ND	5.5 J
Chromium(III)	350,000	110.86	507.24	737.42
Lead	400	247.17	172.27	670
Mercury (elemental)	30	ND	ND	0.19
Selenium	1,200	ND	ND	5.2
Silver	1,200	ND	ND	1.9
PAHs µg/kg				
Benz(a)anthracene	15,000	320	290	320
Benzo(a)pyrene	1,500	240	260	260
Benzo(b)fluoranthene	15,000	410	520	500
Benzo(k)fluoranthene	150,000	160	150	180
Chrysene	1,500,000	390	330	390
Dibenz(a,h)anthracene	1,500	130	130	110
Indeno(1,2,3-c,d)pyrene	15,000	260	390	300

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0471 012200131021001000	RML	CV0471A-CS Front/Side Yard 1/17/2013	CV0471B-CS Front/Side Yard 1/17/2013
Metals mg/kg *			
Arsenic	39	21.1	20.63
Barium	46,000	74.17	258.44
Cadmium	210	ND	ND
Chromium(III)	350,000	91.08	98.32
Lead	400	176.38	175.31
Mercury (elemental)	30	ND	9.05
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	450
Benzo(a)pyrene	1,500	120	290
Benzo(b)fluoranthene	15,000	190	440
Benzo(k)fluoranthene	150,000	76	160
Chrysene	1,500,000	180	430
Dibenz(a,h)anthracene	1,500	59 J	110 J
Indeno(1,2,3-c,d)pyrene	15,000	100 J	180

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0478		CV0478A-CS	CV0478B-CS
012200131010051000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	24.5	24.1
Barium	46,000	164.25	228.79
Cadmium	210	ND	ND
Chromium(III)	350,000	144.81	168.54
Lead	400	137.02	140.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	36	150
Benzo(a)pyrene	1,500	37	130
Benzo(b)fluoranthene	15,000	55	180
Benzo(k)fluoranthene	150,000	18	100
Chrysene	1,500,000	60	150
Dibenz(a,h)anthracene	1,500	12 J	36
Indeno(1,2,3-c,d)pyrene	15,000	23 J	85

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0479		CV0479A-CS	CV0479B-CS
012200131010050000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	8.72	14.31
Barium	46,000	132.7	129.93
Cadmium	210	ND	ND
Chromium(III)	350,000	83.94	253.96
Lead	400	60.92	108.61
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	68 J	65 J
Benzo(a)pyrene	1,500	89	86 J
Benzo(b)fluoranthene	15,000	180	160
Benzo(k)fluoranthene	150,000	61 J	69 J
Chrysene	1,500,000	120	130
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	57 J	ND

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0481		CV0481A-CS-SP	CV0481B-CS-SP
012200131010049000		Front Yard	Back Yard
	RML	1/31/2013	1/31/2013
Metals mg/kg *			
Arsenic	39	22.02	17.56
Barium	46,000	153.35	33.26
Cadmium	210	ND	ND
Chromium(III)	350,000	143.82	74.21
Lead	400	95.05	130.74
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	78	69
Benzo(a)pyrene	1,500	50	28 J
Benzo(b)fluoranthene	15,000	110	43 J
Benzo(k)fluoranthene	150,000	42	18 J
Chrysene	1,500,000	110	51
Dibenz(a,h)anthracene	1,500	22	ND
Indeno(1,2,3-c,d)pyrene	15,000	65	29 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0485 012200131010045000	RML	CV0485A-CS Front Yard 1/23/2013	CV0485A-CSD Front Yard 1/23/2013	CV0485B-CS Back Yard 1/23/2013
Metals mg/kg *				
Arsenic	39	10.74	NA	20.62
Barium	46,000	335.29	NA	77.14
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	144.38	NA	104.21
Lead	400	21.31	NA	111.91
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	ND	ND	71
Benzo(a)pyrene	1,500	ND	ND	52
Benzo(b)fluoranthene	15,000	ND	ND	92
Benzo(k)fluoranthene	150,000	ND	ND	31
Chrysene	1,500,000	ND	ND	94
Dibenz(a,h)anthracene	1,500	ND	ND	16 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND	49

Notes:

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

CV0490 012200131014003000	RML	CV0490A-CS Side Yard 1/31/2013	CV0490B-CS Front Yard 1/31/2013	CV0490C-CS Side Yard 1/31/2013
Metals mg/kg *				
Arsenic	39	12.11	12.6	14.27
Barium	46,000	119.98	99.17	108.26
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	82.7	87.57	98.45
Lead	400	112.32	88.31	72.51
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	560	670	1,300
Benzo(a)pyrene	1,500	690	890	1,900
Benzo(b)fluoranthene	15,000	1,200	1,500	2,600
Benzo(k)fluoranthene	150,000	460	580	1,200
Chrysene	1,500,000	600	900	1,800
Dibenz(a,h)anthracene	1,500	320	440	910
Indeno(1,2,3-c,d)pyrene	15,000	880	1,100	2,400

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0493 012200131015033000	RML	CV0493A-CS-SP Front Yard 1/16/2013	CV0493B-CS-SP Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	11.14	13.32
Barium	46,000	ND	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	120.6	112.49
Lead	400	147.76	100.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	32	130
Benzo(a)pyrene	1,500	21	110
Benzo(b)fluoranthene	15,000	35	220
Benzo(k)fluoranthene	150,000	11 J	74
Chrysene	1,500,000	34	190
Dibenz(a,h)anthracene	1,500	ND	32
Indeno(1,2,3-c,d)pyrene	15,000	19 J	82

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0498

012200133001011000

CV0498A-CS

Front Yard

1/23/2013

RML

Metals mg/kg *		
Arsenic	39	36.08
Barium	46,000	221.57
Cadmium	210	ND
Chromium(III)	350,000	103.19
Lead	400	201.94
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	380
Benzo(a)pyrene	1,500	420
Benzo(b)fluoranthene	15,000	630
Benzo(k)fluoranthene	150,000	260
Chrysene	1,500,000	530
Dibenz(a,h)anthracene	1,500	130
Indeno(1,2,3-c,d)pyrene	15,000	310

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0502		CV0502A-CS	CV0502B-CS
012200133001006000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	81	33.32
Barium	46,000	190	204.11
Cadmium	210	3.3	ND
Chromium(III)	350,000	120.79	124.41
Lead	400	260	177.87
Mercury (elemental)	30	0.3	ND
Selenium	1,200	2.3 J	ND
Silver	1,200	0.19 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160	660
Benzo(a)pyrene	1,500	200	820
Benzo(b)fluoranthene	15,000	300	1600
Benzo(k)fluoranthene	150,000	180	430
Chrysene	1,500,000	220	930
Dibenz(a,h)anthracene	1,500	91	360
Indeno(1,2,3-c,d)pyrene	15,000	200	750

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0503		CV0503A-CS	CV0503B-CS	CV0503B-CSD
012200133001005000		Front Yard	Front Yard	Back Yard
	RML	1/18/2013	1/18/2013	1/18/2013
Metals mg/kg *				
Arsenic	39	74	35.76	NA
Barium	46,000	200	105.4	NA
Cadmium	210	4.2	ND	NA
Chromium(III)	350,000	113.18	99.85	NA
Lead	400	280	172.33	NA
Mercury (elemental)	30	0.2	ND	NA
Selenium	1,200	3.4 J	ND	NA
Silver	1,200	0.59 J	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	920	2,900 J	460 J
Benzo(a)pyrene	1,500	900	2,300 J	580 J
Benzo(b)fluoranthene	15,000	1,600	3,500 J	1,100 J
Benzo(k)fluoranthene	150,000	620	1,800 J	350 J
Chrysene	1,500,000	1,200	3,100 J	680 J
Dibenz(a,h)anthracene	1,500	280	660 J	210 J
Indeno(1,2,3-c,d)pyrene	15,000	650	1,700 J	410 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0504		CV0504A-CS	CV0504B-CS
012200133001004000		Front Yard	Back Yard
	RML	1/10/2013	1/10/2013
Metals mg/kg *			
Arsenic	39	21.64	24.23
Barium	46,000	107.32	105.01
Cadmium	210	ND	ND
Chromium(III)	350,000	80.63	66.32
Lead	400	176.97	145.52
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	320 J	270 J
Benzo(a)pyrene	1,500	330 J	240 J
Benzo(b)fluoranthene	15,000	620 J	410 J
Benzo(k)fluoranthene	150,000	160 J	160 J
Chrysene	1,500,000	570 J	380 J
Dibenz(a,h)anthracene	1,500	130 J	91 J
Indeno(1,2,3-c,d)pyrene	15,000	240 J	180 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0507

012200132022009000

CV0507A-CS-SP

Front Yard

1/24/2013

RML

Metals mg/kg *		
Arsenic	39	47
Barium	46,000	410
Cadmium	210	2.3
Chromium(III)	350,000	144.48
Lead	400	440
Mercury (elemental)	30	0.42
Selenium	1,200	2.6 J
Silver	1,200	0.97 J
PAHs µg/kg		
Benz(a)anthracene	15,000	750
Benzo(a)pyrene	1,500	640
Benzo(b)fluoranthene	15,000	1,100
Benzo(k)fluoranthene	150,000	350
Chrysene	1,500,000	960
Dibenz(a,h)anthracene	1,500	190
Indeno(1,2,3-c,d)pyrene	15,000	390

Notes:

- CS Composite sample
 CV Collegeville Neighborhood
 EPA U.S. Environmental Protection Agency
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 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

CV0521		CV0521A-CS-SP	CV0521B-CS-SP
012200132018007000		Front Yard	Back Yard
	RML	1/29/2013	1/29/2013
Metals mg/kg *			
Arsenic	39	32.82	21.6
Barium	46,000	290	398.98
Cadmium	210	1.7 J	ND
Chromium(III)	350,000	112.04	126.52
Lead	400	340.41	201.3
Mercury (elemental)	30	8.62	ND
Selenium	1,200	2.2 J	ND
Silver	1,200	0.5 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	440	180
Benzo(a)pyrene	1,500	480	190
Benzo(b)fluoranthene	15,000	800	310
Benzo(k)fluoranthene	150,000	230	89
Chrysene	1,500,000	480	170
Dibenz(a,h)anthracene	1,500	100	48 J
Indeno(1,2,3-c,d)pyrene	15,000	330	130

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0523		CV0523A-CS-SP
012200132018005000		Front Yard
	RML	1/29/2013
Metals mg/kg *		
Arsenic	39	33.82
Barium	46,000	95.31
Cadmium	210	ND
Chromium(III)	350,000	140.71
Lead	400	348.86
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	3,400 J
Benzo(a)pyrene	1,500	3,400 J
Benzo(b)fluoranthene	15,000	4,400 J
Benzo(k)fluoranthene	150,000	2,000 J
Chrysene	1,500,000	2,900 J
Dibenz(a,h)anthracene	1,500	540 J
Indeno(1,2,3-c,d)pyrene	15,000	1,800 J

Notes:

- CS Composite sample
 - CV Collegeville Neighborhood
 - EPA U.S. Environmental Protection Agency
 - J Estimated value
 - µg/kg Micrograms per kilogram
 - mg/kg Milligrams per kilogram
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
 - RML EPA Regional Removal Management Levels, dated December 2012
 - SP Split sample
 - 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

CV0529 012200131017015000		CV0529A-CS-SP Front Yard 1/23/2013	CV0529B-CS-SP Side Yard 1/23/2013	CV0529C-CS-SP Back yard 1/23/2013
	RML			
Metals mg/kg *				
Arsenic	39	5.96	13.69	436.8
Barium	46,000	631.37	107.82	ND
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	121.51	111.75	135.86
Lead	400	23.92	85.5	503.71
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	570.08
Silver	1,200	9.26	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	ND	2,000	740
Benzo(a)pyrene	1,500	ND	1,600	580
Benzo(b)fluoranthene	15,000	ND	2,200	830
Benzo(k)fluoranthene	150,000	ND	980	360
Chrysene	1,500,000	ND	2,100	720
Dibenz(a,h)anthracene	1,500	ND	460	170
Indeno(1,2,3-c,d)pyrene	15,000	ND	1,200	440

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0531

012200131007004000

CV0531A-CS-SP

Vacant Lot

1/24/2013

RML

Metals mg/kg *		
Arsenic	39	25.78
Barium	46,000	193.71
Cadmium	210	ND
Chromium(III)	350,000	123.53
Lead	400	213.31
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	190
Benzo(a)pyrene	1,500	170
Benzo(b)fluoranthene	15,000	360
Benzo(k)fluoranthene	150,000	110
Chrysene	1,500,000	280
Dibenz(a,h)anthracene	1,500	39
Indeno(1,2,3-c,d)pyrene	15,000	100

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0533		CV0533A-CS
012200131007006000		Front Yard
	RML	1/10/2013
Metals mg/kg *		
Arsenic	39	36.26
Barium	46,000	397.88
Cadmium	210	1.5
Chromium(III)	350,000	150.1
Lead	400	266.74
Mercury (elemental)	30	0.17
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	260 J
Benzo(a)pyrene	1,500	230 J
Benzo(b)fluoranthene	15,000	490 J
Benzo(k)fluoranthene	150,000	120 J
Chrysene	1,500,000	610 J
Dibenz(a,h)anthracene	1,500	110 J
Indeno(1,2,3-c,d)pyrene	15,000	140 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0537 012200131006014000	RML	CV0537A-CS Vacant Lot 1/10/2013	CV0537B-CS Vacant Lot 1/10/2013	CV0537C-CS Vacant Lot 1/10/2013
Metals mg/kg *				
Arsenic	39	17.36	18.29	9.86
Barium	46,000	241.74	122.43	114.1
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	102.55	83.96	70.12
Lead	400	127.84	133.09	105.06
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,400 J	420 J	270 J
Benzo(a)pyrene	1,500	950 J	360 J	220 J
Benzo(b)fluoranthene	15,000	1,400 J	540 J	410 J
Benzo(k)fluoranthene	150,000	680 J	270 J	130 J
Chrysene	1,500,000	1,300 J	460 J	320 J
Dibenz(a,h)anthracene	1,500	260 J	95 J	64 J
Indeno(1,2,3-c,d)pyrene	15,000	570 J	220 J	160 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0538

012200131006016000

CV0538A-CS

Vacant Lot

1/10/2013

RML

Metals mg/kg *		
Arsenic	39	20.41
Barium	46,000	113.58
Cadmium	210	ND
Chromium(III)	350,000	140.65
Lead	400	100.24
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	87 J
Benzo(a)pyrene	1,500	88 J
Benzo(b)fluoranthene	15,000	180 J
Benzo(k)fluoranthene	150,000	59 J
Chrysene	1,500,000	150 J
Dibenz(a,h)anthracene	1,500	35 J
Indeno(1,2,3-c,d)pyrene	15,000	70 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0548		CV0548A-CS-SP	CV0548B-CS-SP
012200134003011000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	25.88	48.61
Barium	46,000	97.97	270
Cadmium	210	ND	2
Chromium(III)	350,000	119.24	174.8
Lead	400	145.62	260 J
Mercury (elemental)	30	ND	0.26
Selenium	1,200	ND	2.6 J
Silver	1,200	ND	0.44 J
PAHs µg/kg			
Benz(a)anthracene	15,000	60	85
Benzo(a)pyrene	1,500	39	44
Benzo(b)fluoranthene	15,000	69	81
Benzo(k)fluoranthene	150,000	22	27
Chrysene	1,500,000	66	130
Dibenz(a,h)anthracene	1,500	17 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	33	41

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0551 012200134003013000	RML	CV0551A-CS-SP Front Yard 1/31/2013	CV0551B-CS-SP Back Yard 1/31/2013
Metals mg/kg *			
Arsenic	39	81.31	52.46
Barium	46,000	1,300	195.15
Cadmium	210	13	ND
Chromium(III)	350,000	176.45	186.9
Lead	400	1,600	810.72
Mercury (elemental)	30	0.19	9
Selenium	1,200	10	ND
Silver	1,200	0.99 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	570	920
Benzo(a)pyrene	1,500	570	1,300
Benzo(b)fluoranthene	15,000	1,200	2,300
Benzo(k)fluoranthene	150,000	380	820
Chrysene	1,500,000	630	1,100
Dibenz(a,h)anthracene	1,500	260	470
Indeno(1,2,3-c,d)pyrene	15,000	550	1,100

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0557		CV0557A-CS	CV0557B-CS
012200134003019000		Front Yard	Back Yard
	RML	1/7/2013	1/7/2013
Metals mg/kg *			
Arsenic	39	23.59	26.89
Barium	46,000	306.03	137.56
Cadmium	210	ND	ND
Chromium(III)	350,000	87.7	83.55
Lead	400	244.89	233.96
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	120
Benzo(a)pyrene	1,500	290	100
Benzo(b)fluoranthene	15,000	490	190
Benzo(k)fluoranthene	150,000	180	61 J
Chrysene	1,500,000	390	190
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	96 J	ND

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0567		CV0567A-CS-SP	CV0567B-CS-SP
012200131010094000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	20.98	22.32
Barium	46,000	193.48	117.83
Cadmium	210	ND	ND
Chromium(III)	350,000	120.29	102.66
Lead	400	133.8	168.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	390	1,700 J
Benzo(a)pyrene	1,500	410	1,500 J
Benzo(b)fluoranthene	15,000	530	2,200
Benzo(k)fluoranthene	150,000	280	890 J
Chrysene	1,500,000	480	1,800
Dibenz(a,h)anthracene	1,500	73 J	R
Indeno(1,2,3-c,d)pyrene	15,000	220 J	930 J

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
R The sample result is rejected as unusable due to serious deficiencies in one or more quality control criteria; the analyte may or may not be present in the sample

- RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence

- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

Shaded Shaded values are above the EPA RMLs, dated December 2012

CV0569		CV0569A-CS	CV0569B-CS
012200131010096000		Front Yard	Back Yard
	RML	1/16/2013	1/16/2013
Metals mg/kg *			
Arsenic	39	21.77	20.6
Barium	46,000	128.59	205.47
Cadmium	210	ND	ND
Chromium(III)	350,000	106.97	123.66
Lead	400	125.65	370.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	850	370
Benzo(a)pyrene	1,500	900	460
Benzo(b)fluoranthene	15,000	1,600	890
Benzo(k)fluoranthene	150,000	510	240
Chrysene	1,500,000	910	430
Dibenz(a,h)anthracene	1,500	92	49
Indeno(1,2,3-c,d)pyrene	15,000	320	160

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0574 012200131010005000	RML	CV0574A-CS-SP Front Yard 1/31/2013	CV0574B-CS-SP Back Yard 1/31/2013	CV0574C-GS-SP Play Set 1/31/2013
Metals mg/kg *				
Arsenic	39	ND	11.91	25.18
Barium	46,000	102.22	63.83	209.26
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	103.72	103.8	156.88
Lead	400	185.31	123.26	222.58
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	170	36	220
Benzo(a)pyrene	1,500	120	23	130
Benzo(b)fluoranthene	15,000	180	33	210
Benzo(k)fluoranthene	150,000	60	14	83
Chrysene	1,500,000	190	33	220
Dibenz(a,h)anthracene	1,500	48 J	11 J	47 J
Indeno(1,2,3-c,d)pyrene	15,000	120	25	120

Notes:

CS	Composite sample
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
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0580		CV0580A-CS	CV0580B-CS
012200131010011001		Front Yard	Back Yard
	RML	1/16/2013	1/16/2013
Metals mg/kg *			
Arsenic	39	16.36	15.74
Barium	46,000	189.02	153.77
Cadmium	210	ND	ND
Chromium(III)	350,000	120.35	102.25
Lead	400	140.65	175.53
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	370	130
Benzo(a)pyrene	1,500	490	170
Benzo(b)fluoranthene	15,000	880	320
Benzo(k)fluoranthene	150,000	350	120
Chrysene	1,500,000	440	180
Dibenz(a,h)anthracene	1,500	58	21
Indeno(1,2,3-c,d)pyrene	15,000	210	71

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0582 012200131015001000		CV0582A-CS-SP Front Yard 1/24/2013	CV0582B-CS-SP Back Yard 1/24/2013	CV0582C-CS-SP Side Yard 1/24/2013
	RML			
Metals mg/kg *				
Arsenic	39	17.44	32.97	15.94
Barium	46,000	ND	286.14	ND
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	78.07	150.3	107.17
Lead	400	164.01	105.57	72.56
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	390	250	110
Benzo(a)pyrene	1,500	350	230	100
Benzo(b)fluoranthene	15,000	640	360	180
Benzo(k)fluoranthene	150,000	190	170	67
Chrysene	1,500,000	470	330	150
Dibenz(a,h)anthracene	1,500	100	56 J	28
Indeno(1,2,3-c,d)pyrene	15,000	190	140	68

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0591		CV0591A-CS
012200131007008000		Vacant Lot
	RML	1/16/2013
Metals mg/kg *		
Arsenic	39	28.02
Barium	46,000	121.82
Cadmium	210	ND
Chromium(III)	350,000	168.15
Lead	400	130.49
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	140
Benzo(a)pyrene	1,500	180
Benzo(b)fluoranthene	15,000	420
Benzo(k)fluoranthene	150,000	100
Chrysene	1,500,000	280
Dibenz(a,h)anthracene	1,500	24 J
Indeno(1,2,3-c,d)pyrene	15,000	73

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0598

012200132018004000

CV0598A-CS-SP

Side Yard

1/29/2013

RML

Metals mg/kg *		
Arsenic	39	12.69
Barium	46,000	40.55
Cadmium	210	ND
Chromium(III)	350,000	85.88
Lead	400	135.3
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	840
Benzo(a)pyrene	1,500	1,100
Benzo(b)fluoranthene	15,000	2,100
Benzo(k)fluoranthene	150,000	580
Chrysene	1,500,000	1,100
Dibenz(a,h)anthracene	1,500	480
Indeno(1,2,3-c,d)pyrene	15,000	1,100

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

012200132018004000

CV0599

012200131003002000

CV0599A-CS-SP

Front Yard

1/29/2013

RML

Metals mg/kg *		
Arsenic	39	12.89
Barium	46,000	227.07
Cadmium	210	ND
Chromium(III)	350,000	77.8
Lead	400	27.92
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	100
Benzo(a)pyrene	1,500	80
Benzo(b)fluoranthene	15,000	130
Benzo(k)fluoranthene	150,000	45
Chrysene	1,500,000	120
Dibenz(a,h)anthracene	1,500	30
Indeno(1,2,3-c,d)pyrene	15,000	80

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0604		CV0604A-CS	CV0604B-CS
012200131007003000		Side Yard	Side Yard
	RML	1/11/2013	1/11/2013
Metals mg/kg *			
Arsenic	39	25.06	18.76
Barium	46,000	165.47	349.62
Cadmium	210	ND	ND
Chromium(III)	350,000	161.05	104.83
Lead	400	827.68	119.66
Mercury (elemental)	30	ND	ND
Selenium	1,200	6.18	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	180
Benzo(a)pyrene	1,500	110	140
Benzo(b)fluoranthene	15,000	180 J	230
Benzo(k)fluoranthene	150,000	54	120
Chrysene	1,500,000	210	200
Dibenz(a,h)anthracene	1,500	42	35
Indeno(1,2,3-c,d)pyrene	15,000	70	69

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0615 012200134007006000	RML	CV0615A-CS Front Yard 1/7/2013	CV0615B-CS Side Yard 1/7/2013	CV0615C-CS Back Yard 1/7/2013
Metals mg/kg *				
Arsenic	39	17.01	8.07	20.44
Barium	46,000	160.14	156.07	186.02
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	102.51	47.37	76.55
Lead	400	97.6	100.2	267.75
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,100	260	170
Benzo(a)pyrene	1,500	1,600	370	200
Benzo(b)fluoranthene	15,000	3,100	800	510
Benzo(k)fluoranthene	150,000	910	220	160
Chrysene	1,500,000	1,400	370	320
Dibenz(a,h)anthracene	1,500	310	93	ND
Indeno(1,2,3-c,d)pyrene	15,000	560	180	ND

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0620

012200134007001000

CV0620A-CS

Back Yard

1/23/2013

RML

Metals mg/kg *		
Arsenic	39	24.56
Barium	46,000	84.4
Cadmium	210	ND
Chromium(III)	350,000	94.03
Lead	400	231.44
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	710
Benzo(a)pyrene	1,500	580
Benzo(b)fluoranthene	15,000	860
Benzo(k)fluoranthene	150,000	400
Chrysene	1,500,000	770
Dibenz(a,h)anthracene	1,500	210
Indeno(1,2,3-c,d)pyrene	15,000	470

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0629		CV0629A-CS-SP	CV0629B-CS-SP
012200131015016000		Front Yard	Back Yard
	RML	1/29/2013	1/29/2013
Metals mg/kg *			
Arsenic	39	25.99	47.34
Barium	46,000	151.62	400
Cadmium	210	ND	3
Chromium(III)	350,000	94.85	226.9
Lead	400	226.97	2100
Mercury (elemental)	30	ND	0.32
Selenium	1,200	ND	2.6 J
Silver	1,200	ND	1.1 J
PAHs µg/kg			
Benz(a)anthracene	15,000	250	360
Benzo(a)pyrene	1,500	270	240
Benzo(b)fluoranthene	15,000	520	400
Benzo(k)fluoranthene	150,000	130	160
Chrysene	1,500,000	420	400
Dibenz(a,h)anthracene	1,500	78	120
Indeno(1,2,3-c,d)pyrene	15,000	180	290

Notes:

CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
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

CV0634		CV0634A-CS-SP	CV0634B-CS-SP
012200131022001002		Front Yard	Back Yard
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	15.67	37.58
Barium	46,000	74.82	156.97
Cadmium	210	ND	ND
Chromium(III)	350,000	204.51	138.34
Lead	400	214.31	267.47
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	390	340
Benzo(a)pyrene	1,500	310	270
Benzo(b)fluoranthene	15,000	690	420
Benzo(k)fluoranthene	150,000	200	210
Chrysene	1,500,000	670	410
Dibenz(a,h)anthracene	1,500	97	74 J
Indeno(1,2,3-c,d)pyrene	15,000	200	170

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0635		CV0635A-CS-SP	CV0635B-CS-SP
012200131015021000		Front Yard	Back Yard
	RML	1/10/2013	1/10/2013
Metals mg/kg *			
Arsenic	39	25.01	39.91
Barium	46,000	99.08	82.97
Cadmium	210	ND	ND
Chromium(III)	350,000	89.82	100.9
Lead	400	188.19	334.27
Mercury (elemental)	30	ND	7.38
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220 J	550 J
Benzo(a)pyrene	1,500	220 J	880 J
Benzo(b)fluoranthene	15,000	400 J	1,500 J
Benzo(k)fluoranthene	150,000	140 J	500 J
Chrysene	1,500,000	370 J	830 J
Dibenz(a,h)anthracene	1,500	100 J	250 J
Indeno(1,2,3-c,d)pyrene	15,000	210 J	790 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0636
012200131022001001

		CV0636A-CS-SP Front Yard 1/24/2013	CV0636B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	25.87	27.6
Barium	46,000	201.96	210
Cadmium	210	ND	2.3
Chromium(III)	350,000	109	114.49
Lead	400	200.27	520
Mercury (elemental)	30	ND	0.29 J
Selenium	1,200	ND	1.9 J
Silver	1,200	ND	1.3
PAHs µg/kg			
Benz(a)anthracene	15,000	300	340
Benzo(a)pyrene	1,500	250	300
Benzo(b)fluoranthene	15,000	470	450
Benzo(k)fluoranthene	150,000	130	170
Chrysene	1,500,000	390	420
Dibenz(a,h)anthracene	1,500	62 J	75 J
Indeno(1,2,3-c,d)pyrene	15,000	150	160

Notes:

- CS Composite sample
 - CV Collegeville Neighborhood
 - EPA U.S. Environmental Protection Agency
 - J Estimated value
 - µg/kg Micrograms per kilogram
 - mg/kg Milligrams per kilogram
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
 - RML EPA Regional Removal Management Levels, dated December 2012
 - SP Split sample
 - 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

CV0638		CV0638A-CS-SP	CV0638B-CS-SP
012200131022001000		Front Yard	Back Yard
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	25.95	29.31
Barium	46,000	302.74	276.13
Cadmium	210	ND	ND
Chromium(III)	350,000	139.88	153.54
Lead	400	287.46	388.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	860	710
Benzo(a)pyrene	1,500	710	630
Benzo(b)fluoranthene	15,000	1,600	1,400
Benzo(k)fluoranthene	150,000	460	410
Chrysene	1,500,000	1,300	880
Dibenz(a,h)anthracene	1,500	160	170
Indeno(1,2,3-c,d)pyrene	15,000	440	440

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0649		CV0649A-CS	CV0649B-CS
012200131018012000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	26.96	27.59
Barium	46,000	ND	330.72
Cadmium	210	ND	26.28
Chromium(III)	350,000	108.45	120.93
Lead	400	892.93	142.9
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	10.46
PAHs µg/kg			
Benz(a)anthracene	15,000	160	220
Benzo(a)pyrene	1,500	130	190
Benzo(b)fluoranthene	15,000	220	400
Benzo(k)fluoranthene	150,000	100	110
Chrysene	1,500,000	200	290
Dibenz(a,h)anthracene	1,500	53	69
Indeno(1,2,3-c,d)pyrene	15,000	110	150

Notes:

CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0651		CV0651A-CS	CV0651B-CS
012200131013007000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	31.65	15.3
Barium	46,000	117.78	72.15
Cadmium	210	ND	ND
Chromium(III)	350,000	125.44	92.59
Lead	400	121.39	127.9
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	52	56
Benzo(a)pyrene	1,500	42	45
Benzo(b)fluoranthene	15,000	74	84
Benzo(k)fluoranthene	150,000	25	32
Chrysene	1,500,000	66	99
Dibenz(a,h)anthracene	1,500	14 J	17 J
Indeno(1,2,3-c,d)pyrene	15,000	32	31

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0654		CV0654A-CS	CV0654B-CS
012200131010038000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	22.54	35.82
Barium	46,000	109.07	630
Cadmium	210	ND	4.5
Chromium(III)	350,000	152.1	164.84
Lead	400	199.12	1,200
Mercury (elemental)	30	ND	0.36 J
Selenium	1,200	ND	1.2 J
Silver	1,200	ND	0.65 J
PAHs µg/kg			
Benz(a)anthracene	15,000	220	56
Benzo(a)pyrene	1,500	170	52
Benzo(b)fluoranthene	15,000	300	61
Benzo(k)fluoranthene	150,000	110	51
Chrysene	1,500,000	320	74
Dibenz(a,h)anthracene	1,500	57	26 J
Indeno(1,2,3-c,d)pyrene	15,000	140	42

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0681		CV0681A-CS-SP	CV0681B-CS-SP
012200131007012000		Front Yard	Back Yard
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	30.3	19.16
Barium	46,000	94.44	56.13
Cadmium	210	ND	ND
Chromium(III)	350,000	141.69	162.71
Lead	400	157.81	100.68
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240	280
Benzo(a)pyrene	1,500	260	220
Benzo(b)fluoranthene	15,000	440	350
Benzo(k)fluoranthene	150,000	140	140
Chrysene	1,500,000	390	340
Dibenz(a,h)anthracene	1,500	100	69
Indeno(1,2,3-c,d)pyrene	15,000	220	160

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0687		CV0687A-CS-SP	CV0687B-CS-SP
012200131015027000		Front Yard	Back Yard
	RML	1/29/2013	1/29/2013
Metals mg/kg *			
Arsenic	39	15.02	9.63
Barium	46,000	160.6	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	89.43	120.3
Lead	400	71.55	68.19
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	51	62
Benzo(a)pyrene	1,500	37	35
Benzo(b)fluoranthene	15,000	61	67
Benzo(k)fluoranthene	150,000	19	24
Chrysene	1,500,000	61	63
Dibenz(a,h)anthracene	1,500	16 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	34	38

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0693 012200131018003000	RML	CV0693A-CS Front/Side Yard 1/22/2013	CV0693B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	20.93	11.2
Barium	46,000	74.13	142.63
Cadmium	210	ND	ND
Chromium(III)	350,000	108.22	110.53
Lead	400	125.49	106.13
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	110
Benzo(a)pyrene	1,500	200	77
Benzo(b)fluoranthene	15,000	270	140
Benzo(k)fluoranthene	150,000	120	46
Chrysene	1,500,000	250	170
Dibenz(a,h)anthracene	1,500	62	34 J
Indeno(1,2,3-c,d)pyrene	15,000	190	78 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0700		CV0700A-CS	CV0700B-CS
012200131013004000		Front Yard	Back Yard
	RML	1/8/2013	1/8/2013
Metals mg/kg *			
Arsenic	39	17.2	12.59
Barium	46,000	97.27	92.8
Cadmium	210	ND	ND
Chromium(III)	350,000	106.39	91.92
Lead	400	195.1	101.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	78 J
Benzo(a)pyrene	1,500	130	69 J
Benzo(b)fluoranthene	15,000	210	130
Benzo(k)fluoranthene	150,000	95 J	43 J
Chrysene	1,500,000	260	150
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	92 J	52 J

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0723 012200131019009000	RML	CV0723A-CS Front Yard 1/15/2013	CV0723B-CS Back Yard 1/15/2013	CV0723C-CS Side Yard 1/15/2013	CV0723D-CS Side Yard 1/15/2013
Metals mg/kg *					
Arsenic	39	18.69	32.98	11.67	20.62
Barium	46,000	90.89	274.64	ND	119.08
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	107.45	177.23	115.73	115.64
Lead	400	108.4	236	64.44	138.89
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	580	110	1,100	170
Benzo(a)pyrene	1,500	680	100	1,500	140
Benzo(b)fluoranthene	15,000	1,300	160	2,900	220
Benzo(k)fluoranthene	150,000	450	78	710	85
Chrysene	1,500,000	750	140	1,500	200
Dibenz(a,h)anthracene	1,500	280	37	600	42 J
Indeno(1,2,3-c,d)pyrene	15,000	570	73	1,200	110

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0739 012300182002016000	RML	CV0739A-CS-SP Front Yard 1/16/2013	CV0739B-CS-SP Back Yard 1/16/2013	CV0739C-CS-SP Side Yard 1/16/2013	CV0739D-CS-SP Side Yard 1/16/2013
Metals mg/kg *					
Arsenic	39	43.33	16.78	35.11	25.55
Barium	46,000	95	588.35	75.84	199.7
Cadmium	210	4.5	ND	ND	ND
Chromium(III)	350,000	132.04	143.72	114.31	329.69
Lead	400	990	90.02	114.34	151.29
Mercury (elemental)	30	0.18	ND	ND	ND
Selenium	1,200	2 J	5.15	ND	ND
Silver	1,200	0.8 J	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	14,000	69	200	150
Benzo(a)pyrene	1,500	14,000	110	260	210
Benzo(b)fluoranthene	15,000	18,000	190	470	360
Benzo(k)fluoranthene	150,000	8,100	73	150	140
Chrysene	1,500,000	13,000	100	250	210
Dibenz(a,h)anthracene	1,500	1,500	17	37	34 J
Indeno(1,2,3-c,d)pyrene	15,000	5,400	53	110	100

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0758		CV0758A-CS	CV0758B-CS
012200134023021000		Front Yard	Back Yard
	RML	1/28/2013	1/28/2013
Metals mg/kg *			
Arsenic	39	30.39	36.41
Barium	46,000	179.86	252.96
Cadmium	210	ND	ND
Chromium(III)	350,000	138.75	136.2
Lead	400	331.06	333.18
Mercury (elemental)	30	7.95	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	210
Benzo(a)pyrene	1,500	150	140
Benzo(b)fluoranthene	15,000	260	230
Benzo(k)fluoranthene	150,000	100	65
Chrysene	1,500,000	300	230
Dibenz(a,h)anthracene	1,500	50 J	44
Indeno(1,2,3-c,d)pyrene	15,000	110 J	95

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0775 012200134022037000	RML	CV0775A-CS Front Yard 1/23/2013	CV0775B-CS Back Yard 1/23/2013
Metals mg/kg *			
Arsenic	39	26.61	35
Barium	46,000	116.48	600
Cadmium	210	ND	3
Chromium(III)	350,000	120.12	188.31
Lead	400	268.28	420
Mercury (elemental)	30	ND	0.67
Selenium	1,200	ND	2 J
Silver	1,200	ND	0.56 J
PAHs µg/kg			
Benz(a)anthracene	15,000	360	1,300
Benzo(a)pyrene	1,500	330	1,200
Benzo(b)fluoranthene	15,000	580	1,800
Benzo(k)fluoranthene	150,000	170	830
Chrysene	1,500,000	380	1,500
Dibenz(a,h)anthracene	1,500	130	400
Indeno(1,2,3-c,d)pyrene	15,000	320	1,100

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0786		CV0786A-CS	CV0786B-CS
012200134023007000		Front Yard	Back Yard
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	21.53	14
Barium	46,000	148.08	141.5
Cadmium	210	ND	ND
Chromium(III)	350,000	103.74	94.13
Lead	400	143.42	67.54
Mercury (elemental)	30	7.25	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	250	170
Benzo(a)pyrene	1,500	190	130
Benzo(b)fluoranthene	15,000	300	250
Benzo(k)fluoranthene	150,000	130	92
Chrysene	1,500,000	300	210
Dibenz(a,h)anthracene	1,500	51 J	44 J
Indeno(1,2,3-c,d)pyrene	15,000	100	76 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0787		CV0787A-CS	CV0787B-CS
012200134022044000		Front Yard	Back Yard
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	26.81	30.52
Barium	46,000	148.69	173.2
Cadmium	210	ND	ND
Chromium(III)	350,000	131.89	110.53
Lead	400	211.07	186.34
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,500	220
Benzo(a)pyrene	1,500	1,200	180
Benzo(b)fluoranthene	15,000	1,700	260
Benzo(k)fluoranthene	150,000	610	110
Chrysene	1,500,000	1,300	290
Dibenz(a,h)anthracene	1,500	340	54 J
Indeno(1,2,3-c,d)pyrene	15,000	930	140

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0806 012200134022016000		CV0806A-CS-SP Front Yard 1/22/2013	CV0806B-CS-SP Side Yard 1/22/2013	CV0806C-CS-SP Back Yard 1/22/2013
	RML			
Metals mg/kg *				
Arsenic	39	19.56	22.17	29.35
Barium	46,000	177.88	194.1	79.38
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	90.54	110.21	97.77
Lead	400	110.24	112.87	130.58
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,400	260	370
Benzo(a)pyrene	1,500	1,900	180	410
Benzo(b)fluoranthene	15,000	3,400	270	760
Benzo(k)fluoranthene	150,000	1,000	140	260
Chrysene	1,500,000	1,700	260	500
Dibenz(a,h)anthracene	1,500	960	72 J	200
Indeno(1,2,3-c,d)pyrene	15,000	2,400	170	540

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

CV0812		CV0812A-CS	CV0812B-CS
012200134022010000		Front Yard	Back Yard
	RML	1/28/2013	1/28/2013
Metals mg/kg *			
Arsenic	39	17.46	22.81
Barium	46,000	158.16	177.31
Cadmium	210	ND	ND
Chromium(III)	350,000	93.2	96.65
Lead	400	135.35	121.56
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	740
Benzo(a)pyrene	1,500	110	470
Benzo(b)fluoranthene	15,000	190	870
Benzo(k)fluoranthene	150,000	55	430
Chrysene	1,500,000	150	1,100
Dibenz(a,h)anthracene	1,500	27 J	100
Indeno(1,2,3-c,d)pyrene	15,000	68	240

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0819		CV0819A-CS-SP	CV0819B-CS-SP
012200134016014000		Front Yard	Back Yard
	RML	1/15/2013	1/15/2013
Metals mg/kg *			
Arsenic	39	21.34	15.94
Barium	46,000	ND	368.98
Cadmium	210	ND	ND
Chromium(III)	350,000	134.4	136.06
Lead	400	259.19	216.29
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	52	230
Benzo(a)pyrene	1,500	42	140
Benzo(b)fluoranthene	15,000	67	260
Benzo(k)fluoranthene	150,000	30	94
Chrysene	1,500,000	73	250
Dibenz(a,h)anthracene	1,500	17 J	68
Indeno(1,2,3-c,d)pyrene	15,000	39	96

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0823 012200134016017000	RML	CV0823A-CS Front Yard 1/24/2013	CV0823B-CS Back Yard 1/24/2013	CV0823B-CSD Back Yard 1/24/2013
Metals mg/kg *				
Arsenic	39	384.84	31.41	NA
Barium	46,000	330	119.76	NA
Cadmium	210	1.7	ND	NA
Chromium(III)	350,000	137.38	113.7	NA
Lead	400	550	475.49	NA
Mercury (elemental)	30	0.42	ND	NA
Selenium	1,200	4.75	ND	NA
Silver	1,200	0.3 J	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	250	170	160
Benzo(a)pyrene	1,500	220	110	110
Benzo(b)fluoranthene	15,000	340	210	160
Benzo(k)fluoranthene	150,000	150	59	69
Chrysene	1,500,000	370	200	190
Dibenz(a,h)anthracene	1,500	48 J	80 J	33 J
Indeno(1,2,3-c,d)pyrene	15,000	110	140	98 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0825		CV0825A-CS	CV0825B-CS
012200134017008000		Front Yard	Back Yard
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	22.51	22.01
Barium	46,000	110.77	111.04
Cadmium	210	ND	ND
Chromium(III)	350,000	149.79	135.67
Lead	400	129.6	132.02
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	160
Benzo(a)pyrene	1,500	250	110
Benzo(b)fluoranthene	15,000	420	210
Benzo(k)fluoranthene	150,000	100	72
Chrysene	1,500,000	330	140
Dibenz(a,h)anthracene	1,500	49 J	35 J
Indeno(1,2,3-c,d)pyrene	15,000	150	81 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0830 012200134016021000	RML	CV0830A-CS Front Yard 1/24/2013	CV0830A-CS-CSD Front Yard 1/24/2013	CV0830B-CS Back Yard 1/24/2013
Metals mg/kg *				
Arsenic	39	25.09	NA	40.17
Barium	46,000	163.84	NA	171.48
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	98.16	NA	93.58
Lead	400	255.72	NA	336.24
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	130	100	140
Benzo(a)pyrene	1,500	43 J	66	110
Benzo(b)fluoranthene	15,000	78	97	200
Benzo(k)fluoranthene	150,000	29 J	46	69
Chrysene	1,500,000	76	120	210
Dibenz(a,h)anthracene	1,500	28 J	27 J	50
Indeno(1,2,3-c,d)pyrene	15,000	60 J	68 J	81

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0834 012200134016024000	RML	CV0834A-CS Front Yard 1/15/2013	CV0834B-CS Back Yard 1/15/2013	CV0834C-CS Side Yard 1/15/2013
Metals mg/kg *				
Arsenic	39	19.52	10.15	20.88
Barium	46,000	159.7	87.96	206.96
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	118.23	108.04	139.16
Lead	400	173.52	127.64	259.3
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	320	70	140
Benzo(a)pyrene	1,500	430	55	140
Benzo(b)fluoranthene	15,000	720	87	210
Benzo(k)fluoranthene	150,000	280	34	98
Chrysene	1,500,000	370	88	180
Dibenz(a,h)anthracene	1,500	110	25 J	71 J
Indeno(1,2,3-c,d)pyrene	15,000	360	65	120

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0836		CV0836A-CS	CV0836B-CS
012200134017001000		Side Yard	Back Yard
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	43.31	26.86
Barium	46,000	340 J	196.5
Cadmium	210	1.7	ND
Chromium(III)	350,000	136.18	132.65
Lead	400	301.75	241.55
Mercury (elemental)	30	0.37	ND
Selenium	1,200	2 J	ND
Silver	1,200	0.37 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	400	1,300
Benzo(a)pyrene	1,500	310	820
Benzo(b)fluoranthene	15,000	620	1,600
Benzo(k)fluoranthene	150,000	180	540
Chrysene	1,500,000	710	1,100
Dibenz(a,h)anthracene	1,500	140	220
Indeno(1,2,3-c,d)pyrene	15,000	340	610

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0837 012200134016025000	RML	CV0837A-CS Side Yard 1/23/2013	CV0837B-CS Back Yard 1/23/2013
Metals mg/kg *			
Arsenic	39	32.53	16.65
Barium	46,000	280	88.26
Cadmium	210	1.7	ND
Chromium(III)	350,000	122.97	99.91
Lead	400	460	207.02
Mercury (elemental)	30	0.52	ND
Selenium	1,200	1.7 J	ND
Silver	1,200	0.28 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	430
Benzo(a)pyrene	1,500	150	330
Benzo(b)fluoranthene	15,000	290	560
Benzo(k)fluoranthene	150,000	66	180
Chrysene	1,500,000	280	520
Dibenz(a,h)anthracene	1,500	61 J	94 J
Indeno(1,2,3-c,d)pyrene	15,000	140	230

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0852		CV0852A-CS	CV0852B-CS
012200134019012000		Front Yard	Back Yard
	RML	1/31/2013	1/31/2013
Metals mg/kg *			
Arsenic	39	17.02	12.16
Barium	46,000	172.85	175.41
Cadmium	210	ND	ND
Chromium(III)	350,000	97.4	75.23
Lead	400	95.32	75.44
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	360	56
Benzo(a)pyrene	1,500	180	39
Benzo(b)fluoranthene	15,000	250	57
Benzo(k)fluoranthene	150,000	160	27
Chrysene	1,500,000	310	68
Dibenz(a,h)anthracene	1,500	62 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	130	34

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0856		CV0856A-CS	CV0856B-GS
012200134020015000		Vacant Lot	Back Corner
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	13.3	22.73
Barium	46,000	157.38	130.24
Cadmium	210	ND	ND
Chromium(III)	350,000	120.64	116.14
Lead	400	163.49	148.59
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	150
Benzo(a)pyrene	1,500	74	98
Benzo(b)fluoranthene	15,000	130	190
Benzo(k)fluoranthene	150,000	34	63
Chrysene	1,500,000	140	200
Dibenz(a,h)anthracene	1,500	30	47 J
Indeno(1,2,3-c,d)pyrene	15,000	60	96 J

Notes:

CS	Composite sample
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
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0858		CV0858A-CS
012200134020016000		Vacant Lot
	RML	1/31/2013
Metals mg/kg *		
Arsenic	39	27.24
Barium	46,000	460.66
Cadmium	210	ND
Chromium(III)	350,000	139.26
Lead	400	172.37
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	140
Benzo(a)pyrene	1,500	90
Benzo(b)fluoranthene	15,000	130
Benzo(k)fluoranthene	150,000	47
Chrysene	1,500,000	150
Dibenz(a,h)anthracene	1,500	33
Indeno(1,2,3-c,d)pyrene	15,000	60

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0875		CV0875A-CS	CV0875A-CSD
012200134020009000		Vacant Lot	Vacant Lot
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	32.52	NA
Barium	46,000	42	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	424.63	NA
Lead	400	369.51	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	110 J	190 J
Benzo(a)pyrene	1,500	100	160
Benzo(b)fluoranthene	15,000	210	310
Benzo(k)fluoranthene	150,000	79	88
Chrysene	1,500,000	170	260
Dibenz(a,h)anthracene	1,500	50	64
Indeno(1,2,3-c,d)pyrene	15,000	110	130

Notes:

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

CV0885		CV0885A-CS	CV0885A-CSD	CV0885B-CS
012300182004019000		Front Yard	Front Yard	Back Yard
	RML	1/23/2013	1/23/2013	1/23/2013
Metals mg/kg *				
Arsenic	39	27.51	NA	107.37
Barium	46,000	180	NA	252.04
Cadmium	210	2.1	NA	ND
Chromium(III)	350,000	128.23	NA	245.25
Lead	400	357.12	NA	1,866.48
Mercury (elemental)	30	0.35	NA	ND
Selenium	1,200	1.7 J	NA	ND
Silver	1,200	0.55 J	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	770 J	2,500 J	11,000
Benzo(a)pyrene	1,500	610 J	1,800 J	8,300
Benzo(b)fluoranthene	15,000	940 J	2,700 J	13,000
Benzo(k)fluoranthene	150,000	330 J	850 J	5,300
Chrysene	1,500,000	810 J	2,100 J	9,900
Dibenz(a,h)anthracene	1,500	190 J	450 J	2,300
Indeno(1,2,3-c,d)pyrene	15,000	400 J	1,100 J	6,000

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0888

012300182004022000

CV0888A-CS-SP

Vacant Lot

1/16/2013

RML

Metals mg/kg *		
Arsenic	39	25.81
Barium	46,000	115.19
Cadmium	210	ND
Chromium(III)	350,000	145.73
Lead	400	250.27
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	130
Benzo(a)pyrene	1,500	170
Benzo(b)fluoranthene	15,000	320
Benzo(k)fluoranthene	150,000	110
Chrysene	1,500,000	200
Dibenz(a,h)anthracene	1,500	24
Indeno(1,2,3-c,d)pyrene	15,000	72

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0890

012300182004024000

CV0890A-CS-SP

Vacant Lot

1/16/2013

RML

Metals mg/kg *		
Arsenic	39	11.5
Barium	46,000	51.11
Cadmium	210	ND
Chromium(III)	350,000	173.68
Lead	400	129.97
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	170
Benzo(a)pyrene	1,500	250
Benzo(b)fluoranthene	15,000	480
Benzo(k)fluoranthene	150,000	140
Chrysene	1,500,000	240
Dibenz(a,h)anthracene	1,500	39
Indeno(1,2,3-c,d)pyrene	15,000	120

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0896		CV0896A-CS
012200134019014000		Vacant Lot
	RML	1/11/2013
Metals mg/kg *		
Arsenic	39	16.99
Barium	46,000	102.21
Cadmium	210	ND
Chromium(III)	350,000	67.75
Lead	400	153.78
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	190
Benzo(a)pyrene	1,500	160
Benzo(b)fluoranthene	15,000	300
Benzo(k)fluoranthene	150,000	130
Chrysene	1,500,000	230
Dibenz(a,h)anthracene	1,500	46
Indeno(1,2,3-c,d)pyrene	15,000	96

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0898 012200134018007000	RML	CV0898A-CS Vacant Lot 1/31/2013	CV0898B-CS Vacant Lot 1/31/2013
Metals mg/kg *			
Arsenic	39	43.54	38.35
Barium	46,000	320	123.04
Cadmium	210	1.6	ND
Chromium(III)	350,000	127.22	152.53
Lead	400	410	482.41
Mercury (elemental)	30	0.72	ND
Selenium	1,200	1.4 J	ND
Silver	1,200	0.37 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	1,200
Benzo(a)pyrene	1,500	140	870
Benzo(b)fluoranthene	15,000	210	1,400
Benzo(k)fluoranthene	150,000	71	420
Chrysene	1,500,000	210	970
Dibenz(a,h)anthracene	1,500	55 J	280
Indeno(1,2,3-c,d)pyrene	15,000	120	630

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0901 012200134018006000	RML	CV0901A-CS Front/Back Yard 1/24/2013	CV0901B-GS Pile 1/24/2013
Metals mg/kg *			
Arsenic	39	28.84	19.4
Barium	46,000	184.47	112.8
Cadmium	210	ND	ND
Chromium(III)	350,000	123.14	145.04
Lead	400	354.71	119.61
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	120
Benzo(a)pyrene	1,500	170	78
Benzo(b)fluoranthene	15,000	290	120
Benzo(k)fluoranthene	150,000	100	57
Chrysene	1,500,000	260	130
Dibenz(a,h)anthracene	1,500	64	29 J
Indeno(1,2,3-c,d)pyrene	15,000	130	80 J

Notes:

CS	Composite sample
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
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0902		CV0902A-CS	CV0902B-CS
012200134018005000		Front Yard	Back Yard
	RML	1/24/2013	1/24/2013
Metals mg/kg *			
Arsenic	39	26.31	48.5
Barium	46,000	152.9	370
Cadmium	210	ND	0.94
Chromium(III)	350,000	156.48	152.04
Lead	400	289.47	481.84
Mercury (elemental)	30	ND	0.47
Selenium	1,200	ND	2.3 J
Silver	1,200	ND	0.24 J
PAHs µg/kg			
Benz(a)anthracene	15,000	280	160
Benzo(a)pyrene	1,500	190	110
Benzo(b)fluoranthene	15,000	410	210
Benzo(k)fluoranthene	150,000	85	59
Chrysene	1,500,000	360	210
Dibenz(a,h)anthracene	1,500	110	63 J
Indeno(1,2,3-c,d)pyrene	15,000	200	95 J

Notes:

- CS Composite sample
CV Collegeville Neighborhood
EPA U.S. Environmental Protection Agency
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
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

CV0904		CV0904A-CS	CV0904B-CS
012200134018004000		Front Yard	Back Yard
	RML	1/16/2013	1/16/2013
Metals mg/kg *			
Arsenic	39	12.65	16.45
Barium	46,000	173.1	220.66
Cadmium	210	ND	ND
Chromium(III)	350,000	72.99	107.22
Lead	400	96.27	99.85
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	86	94
Benzo(a)pyrene	1,500	110	120
Benzo(b)fluoranthene	15,000	190	190
Benzo(k)fluoranthene	150,000	59	66
Chrysene	1,500,000	120	130
Dibenz(a,h)anthracene	1,500	22	21
Indeno(1,2,3-c,d)pyrene	15,000	77	82

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0907 012200134018002000	RML	CV0907A-CS Front Yard 1/16/2013	CV0907B-CS Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	21.75	20.53
Barium	46,000	105.37	285.77
Cadmium	210	ND	11.92
Chromium(III)	350,000	114.01	107.09
Lead	400	119.64	76.25
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	160
Benzo(a)pyrene	1,500	230	170
Benzo(b)fluoranthene	15,000	380	300
Benzo(k)fluoranthene	150,000	150	110
Chrysene	1,500,000	290	190
Dibenz(a,h)anthracene	1,500	25 J	19
Indeno(1,2,3-c,d)pyrene	15,000	95	69

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0925 012300182002022000	RML	CV0925A-CS Vacant Lot 1/22/2013	CV0925B-CS Vacant Lot 1/22/2013
Metals mg/kg *			
Arsenic	39	12.12	18.14
Barium	46,000	153.74	342.48
Cadmium	210	ND	ND
Chromium(III)	350,000	93.44	135.36
Lead	400	39.01	112.37
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	27	17
Benzo(a)pyrene	1,500	23	9.2 J
Benzo(b)fluoranthene	15,000	42	20
Benzo(k)fluoranthene	150,000	15	5.8 J
Chrysene	1,500,000	33	18
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	26	10 J

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0926 012300182002023000	RML	CV0926A-CS Front Yard 1/22/2013	CV0926B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	22.54	12.69
Barium	46,000	133.84	184.19
Cadmium	210	ND	ND
Chromium(III)	350,000	171.52	106.43
Lead	400	153.36	92.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	86
Benzo(a)pyrene	1,500	110	70
Benzo(b)fluoranthene	15,000	210	140
Benzo(k)fluoranthene	150,000	69	55
Chrysene	1,500,000	220	120
Dibenz(a,h)anthracene	1,500	48 J	25
Indeno(1,2,3-c,d)pyrene	15,000	76 J	51

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0946

012300182002010000

CV0946A-CS

Vacant Lot

1/24/2013

RML

Metals mg/kg *		
Arsenic	39	50.78
Barium	46,000	117.39
Cadmium	210	ND
Chromium(III)	350,000	134.37
Lead	400	366.96
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	76
Benzo(a)pyrene	1,500	60
Benzo(b)fluoranthene	15,000	110
Benzo(k)fluoranthene	150,000	38
Chrysene	1,500,000	110
Dibenz(a,h)anthracene	1,500	18 J
Indeno(1,2,3-c,d)pyrene	15,000	45

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0949 012300182002005000		CV0949A-CS Front Yard 1/18/2013	CV0949A-CSD Front Yard 1/18/2013	CV0949B-CS Back Yard 1/18/2013
RML				
Metals mg/kg *				
Arsenic	39	10.55	NA	38 J
Barium	46,000	150.11	NA	2,100 J
Cadmium	210	ND	NA	5
Chromium(III)	350,000	282.16	NA	287.17
Lead	400	174.04	NA	270 J
Mercury (elemental)	30	ND	NA	0.14
Selenium	1,200	ND	NA	7.5 J
Silver	1,200	ND	NA	0.54 J
PAHs µg/kg				
Benz(a)anthracene	15,000	73	67	59 J
Benzo(a)pyrene	1,500	66	59	43 J
Benzo(b)fluoranthene	15,000	110	90	73 J
Benzo(k)fluoranthene	150,000	35	36	26 J
Chrysene	1,500,000	85	80	54 J
Dibenz(a,h)anthracene	1,500	21 J	16 J	10 J
Indeno(1,2,3-c,d)pyrene	15,000	53	41	31 J

Notes:

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

CV0957		CV0957A-CS	CV0957B-CS
012200134018011000		Vacant Lot	Vacant Lot
	RML	1/23/2013	1/23/2013
Metals mg/kg *			
Arsenic	39	56.03	72.18
Barium	46,000	238.81	187.32
Cadmium	210	ND	ND
Chromium(III)	350,000	143.9	302.36
Lead	400	722.04	953.88
Mercury (elemental)	30	ND	8.82
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	870	1,800
Benzo(a)pyrene	1,500	670	1,500
Benzo(b)fluoranthene	15,000	1,000	2,300
Benzo(k)fluoranthene	150,000	370	1,100
Chrysene	1,500,000	840	1,900
Dibenz(a,h)anthracene	1,500	210	450
Indeno(1,2,3-c,d)pyrene	15,000	580	1,100

Notes:

CS	Composite sample
CV	Collegeville Neighborhood
EPA	U.S. Environmental Protection Agency
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

CV0965 012200132025007000	RML	CV0965A-CS Front Yard 1/29/2013	CV0965B-CS Side Yard 1/29/2013	CV0965C-CS Back Yard 1/29/2013	CV0965D-CS Side Yard 1/29/2013
Metals mg/kg *					
Arsenic	39	33.38	21.71	43	29.45
Barium	46,000	215.1	141.69	670	103.72
Cadmium	210	ND	ND	6.3	ND
Chromium(III)	350,000	134.94	114.02	313.69	106.55
Lead	400	341.43	203.31	450	231.39
Mercury (elemental)	30	8.04	7.21	0.4	10.21
Selenium	1,200	ND	ND	3.2	ND
Silver	1,200	ND	ND	1 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	430	450	480	870
Benzo(a)pyrene	1,500	460	490	500	810
Benzo(b)fluoranthene	15,000	890	790	980	1,300
Benzo(k)fluoranthene	150,000	210	300	380	530
Chrysene	1,500,000	640	590	740	1,200
Dibenz(a,h)anthracene	1,500	130	120	160	210
Indeno(1,2,3-c,d)pyrene	15,000	290	300	310	410

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

CV0967		CV0967A-CS
012213101602220000		Back Yard
	RML	1/8/2013
Metals mg/kg *		
Arsenic	39	17
Barium	46,000	91.32
Cadmium	210	0.31 J
Chromium(III)	350,000	77.53
Lead	400	45
Mercury (elemental)	30	0.068
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	49 J
Benzo(a)pyrene	1,500	49 J
Benzo(b)fluoranthene	15,000	75 J
Benzo(k)fluoranthene	150,000	39 J
Chrysene	1,500,000	81
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0006
012200132003010000

		FM0006A-CS Side Yard 1/23/2013	FM0006B-CS Side Yard 1/23/2013	FM0006C-CS Side Yard 1/23/2013	FM0006D-GS Drainage 1/23/2013
	RML				
Metals mg/kg *					
Arsenic	39	7.88	8.82	13.7	6.57
Barium	46,000	139.59	115.97	144.51	68.79
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	82.47	67.87	94.89	81.84
Lead	400	61.84	74.31	106.62	39.16
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	63	66	98	38
Benzo(a)pyrene	1,500	48	51	86	35
Benzo(b)fluoranthene	15,000	87	91	140	52
Benzo(k)fluoranthene	150,000	24	32	42	22
Chrysene	1,500,000	87	95	110	50
Dibenz(a,h)anthracene	1,500	17 J	19 J	29	15 J
Indeno(1,2,3-c,d)pyrene	15,000	37	36	88	29

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0009
012200132003011000

	RML	FM0009A-CS-SP Front Yard 1/22/2013	FM0009B-CS-SP Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	12.71	11.24
Barium	46,000	166.11	211.08
Cadmium	210	ND	ND
Chromium(III)	350,000	90.47	93.77
Lead	400	162.19	78.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	10.13
PAHs µg/kg			
Benz(a)anthracene	15,000	87	96
Benzo(a)pyrene	1,500	76	71
Benzo(b)fluoranthene	15,000	120	110
Benzo(k)fluoranthene	150,000	54	39
Chrysene	1,500,000	120	100
Dibenz(a,h)anthracene	1,500	28	32 J
Indeno(1,2,3-c,d)pyrene	15,000	64	57 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0012 012200132003012000	RML	FM0012A-CS-SP	FM0012B-CS-SP	FM0012C-CS-SP
		Front Yard 1/16/2013	Back Yard 1/16/2013	Back Yard 1/16/2013
Metals mg/kg *				
Arsenic	39	8.63	22.99	10.14
Barium	46,000	85.32	62.59	148.26
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	85.59	107.36	85.84
Lead	400	48.39	90.43	109.85
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	49	73	50
Benzo(a)pyrene	1,500	64	86	64
Benzo(b)fluoranthene	15,000	97	130	110
Benzo(k)fluoranthene	150,000	39	54	42
Chrysene	1,500,000	74	110	77
Dibenz(a,h)anthracene	1,500	9.5	13	7.5 J
Indeno(1,2,3-c,d)pyrene	15,000	32	41	28

Notes:

CS	Composite sample
EPA	U.S. Environmental Protection Agency
FM	Fairmont Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0014
012200132002004000

		FM0014A-CS-SP Front Yard 1/16/2013	FM0014B-CS-SP Back Yard 1/16/2013
	RML		
Metals mg/kg *			
Arsenic	39	16.04	16.22
Barium	46,000	549.65	196.24
Cadmium	210	ND	ND
Chromium(III)	350,000	105.53	101.25
Lead	400	94.96	125.12
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330	350
Benzo(a)pyrene	1,500	320	400
Benzo(b)fluoranthene	15,000	490	670
Benzo(k)fluoranthene	150,000	210	230
Chrysene	1,500,000	340	440
Dibenz(a,h)anthracene	1,500	31 J	40
Indeno(1,2,3-c,d)pyrene	15,000	120	150

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0024
012200123010013000

	RML	FM0024A-CS Front Yard 1/23/2013	FM0024B-CS Side Yard 1/23/2013	FM0024C-CS Back Yard 1/23/2013
Metals mg/kg *				
Arsenic	39	9.76	30.43	23.65
Barium	46,000	107.87	168.85	81.43
Cadmium	210	ND	0.96	ND
Chromium(III)	350,000	57.67	93.34	88.85
Lead	400	62.42	310	254.52
Mercury (elemental)	30	ND	0.11	ND
Selenium	1,200	ND	1.3 J	ND
Silver	1,200	ND	0.17 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	130	62	40
Benzo(a)pyrene	1,500	120	58	31
Benzo(b)fluoranthene	15,000	190	86	46
Benzo(k)fluoranthene	150,000	66	40	22
Chrysene	1,500,000	160	83	52
Dibenz(a,h)anthracene	1,500	38	20 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	91	54	26

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0027
012200123011014000

	RML	FM0027A-CS Front Yard 1/31/2013	FM0027B-CS Back Yard 1/31/2013
Metals mg/kg *			
Arsenic	39	9.53	20.73
Barium	46,000	139.52	139.22
Cadmium	210	ND	ND
Chromium(III)	350,000	70.82	74.8
Lead	400	181.32	143.27
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	67	59
Benzo(a)pyrene	1,500	50	42
Benzo(b)fluoranthene	15,000	90	78
Benzo(k)fluoranthene	150,000	27	17
Chrysene	1,500,000	80	85
Dibenz(a,h)anthracene	1,500	21	18 J
Indeno(1,2,3-c,d)pyrene	15,000	49	28

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0029
012200123010011000

		FM0029A-CS Front Yard 1/31/2013	FM0029B-CS Back Yard 1/31/2013
	RML		
Metals mg/kg *			
Arsenic	39	14.3	12.55
Barium	46,000	168.35	58.27
Cadmium	210	ND	ND
Chromium(III)	350,000	85.45	72.28
Lead	400	81.13	52.61
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	34	70
Benzo(a)pyrene	1,500	22	34 J
Benzo(b)fluoranthene	15,000	33	90
Benzo(k)fluoranthene	150,000	14	33
Chrysene	1,500,000	33	70
Dibenz(a,h)anthracene	1,500	8 J	21 J
Indeno(1,2,3-c,d)pyrene	15,000	22	34 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0030
012200123011016000

	RML	FM0030A-CS Front Yard 1/8/2013	FM0030B-CS Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	22.03	13.08
Barium	46,000	85.02	236.59
Cadmium	210	ND	ND
Chromium(III)	350,000	89.97	104.85
Lead	400	755.18	85.38
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	65	110
Benzo(a)pyrene	1,500	63	120
Benzo(b)fluoranthene	15,000	ND	240
Benzo(k)fluoranthene	150,000	140	60 J
Chrysene	1,500,000	85	150
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	25 J	84 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

FM0031
012200123010010000

	RML	FM0031A-CS Front yard 1/16/2013	FM0031B-CS Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	10.99	13.32
Barium	46,000	ND	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	116.32	96.48
Lead	400	58.36	96.01
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	49	55
Benzo(a)pyrene	1,500	71	73
Benzo(b)fluoranthene	15,000	110	120
Benzo(k)fluoranthene	150,000	37	38
Chrysene	1,500,000	70	84
Dibenz(a,h)anthracene	1,500	14	11
Indeno(1,2,3-c,d)pyrene	15,000	39	42

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0068
012200123015014000

		FM0068A-CS-SP Front Yard 1/21/2013	FM0068B-CS-SP Side Yard 1/21/2013	FM0068C-CS-SP Back Yard 1/21/2013
	RML			
Metals mg/kg *				
Arsenic	39	13.7	11.25	9.58
Barium	46,000	ND	63.64	89.4
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	100.01	78.26	90.25
Lead	400	95.81	117.89	81.36
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	55	37	94
Benzo(a)pyrene	1,500	45	38	73
Benzo(b)fluoranthene	15,000	76	73	120
Benzo(k)fluoranthene	150,000	24	28	63
Chrysene	1,500,000	60	49	110
Dibenz(a,h)anthracene	1,500	15 J	12 J	22
Indeno(1,2,3-c,d)pyrene	15,000	40	35	53

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0078
012200123011005000

		FM0078A-CS Front Yard 1/31/2013	FM0078B-CS Back Yard 1/31/2013
	RML		
Metals mg/kg *			
Arsenic	39	12.25	7.41
Barium	46,000	300.26	227.13
Cadmium	210	ND	ND
Chromium(III)	350,000	81.47	79.54
Lead	400	110.04	47.98
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	99	48
Benzo(a)pyrene	1,500	96	49
Benzo(b)fluoranthene	15,000	170	73
Benzo(k)fluoranthene	150,000	51	33
Chrysene	1,500,000	130	64
Dibenz(a,h)anthracene	1,500	21	11 J
Indeno(1,2,3-c,d)pyrene	15,000	65	26

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0079
012200123011004000

		FM0079A-CS Front Yard 1/23/2013	FM0079B-CS Back Yard 1/23/2013
	RML		
Metals mg/kg *			
Arsenic	39	13.85	7.96
Barium	46,000	49.02	101.85
Cadmium	210	ND	ND
Chromium(III)	350,000	94.31	78.17
Lead	400	49.99	52.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	79
Benzo(a)pyrene	1,500	130	65
Benzo(b)fluoranthene	15,000	200	97
Benzo(k)fluoranthene	150,000	81	40
Chrysene	1,500,000	160	74
Dibenz(a,h)anthracene	1,500	36	22 J
Indeno(1,2,3-c,d)pyrene	15,000	82	44

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0100
012200124004003000

	RML	FM0100A-CS Front Yard 1/31/2013	FM0100A-CSD Front Yard 1/31/2013	FM0100B-CS Side Yard 1/31/2013	FM0100C-CS Back Yard 1/31/2013	FM0100D-CS Back Yard 1/31/2013
Metals mg/kg *						
Arsenic	39	11.47	NA	13.63	13.37	7.96
Barium	46,000	161.24	NA	177.92	138.62	125.69
Cadmium	210	ND	NA	ND	ND	ND
Chromium(III)	350,000	78.89	NA	77.86	98.58	80.99
Lead	400	71.43	NA	181.96	150.3	58.99
Mercury (elemental)	30	ND	NA	ND	ND	ND
Selenium	1,200	ND	NA	ND	ND	ND
Silver	1,200	ND	NA	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	52	52	38	35	36
Benzo(a)pyrene	1,500	29	48	39	25	24
Benzo(b)fluoranthene	15,000	62	100	78	54	26
Benzo(k)fluoranthene	150,000	17	16	23	9.4	18
Chrysene	1,500,000	69	81	69	71	38
Dibenz(a,h)anthracene	1,500	18 J	14 J	16 J	10 J	8.4 J
Indeno(1,2,3-c,d)pyrene	15,000	36	34	32	28	21

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0103
012200124002016000

	RML	FM0103A-CS Front Yard 1/11/2013	FM0103B-GS Drainage 1/11/2013	FM0103C-CS Back Yard 1/11/2013	FM0103D-CS Back Yard 1/11/2013
Metals mg/kg *					
Arsenic	39	11.68	7.34	ND	10.88
Barium	46,000	267.51	119.59	83.43	273.5
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	67.78	55.76	103.76	82.03
Lead	400	53	22.93	115.99	56.41
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	40	52	120	92
Benzo(a)pyrene	1,500	30	41	100	66
Benzo(b)fluoranthene	15,000	50	76	180	120
Benzo(k)fluoranthene	150,000	18	20	81	48
Chrysene	1,500,000	76	100	200	160
Dibenz(a,h)anthracene	1,500	15 J	17 J	33	22 J
Indeno(1,2,3-c,d)pyrene	15,000	20 J	36	78	42

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0105
012200124002015000

	RML	FM0105A-CS Front Yard 1/11/2013	FM0105B-CS Back Yard 1/11/2013	FM0105C-CS Veg Garden 1/11/2013
Metals mg/kg *				
Arsenic	39	15.36	19.72	10.8
Barium	46,000	107.35	187.89	181.45
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	98.98	73.73	86.97
Lead	400	45.4	121.31	48.06
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	73	320	48
Benzo(a)pyrene	1,500	47	260	37
Benzo(b)fluoranthene	15,000	84	480	59
Benzo(k)fluoranthene	150,000	55	140	18
Chrysene	1,500,000	130	340	66
Dibenz(a,h)anthracene	1,500	19 J	81	11 J
Indeno(1,2,3-c,d)pyrene	15,000	31	160	28

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0113
012200123016006000

	RML	FM0113A-CS Front Yard 1/29/2013	FM0113B-CS Back Yard 1/29/2013
Metals mg/kg *			
Arsenic	39	17.17	13.82
Barium	46,000	148.46	189.8
Cadmium	210	ND	ND
Chromium(III)	350,000	89.68	75.86
Lead	400	169.65	172.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,100	630
Benzo(a)pyrene	1,500	930	580
Benzo(b)fluoranthene	15,000	1,500	820
Benzo(k)fluoranthene	150,000	600	380
Chrysene	1,500,000	1,200	580
Dibenz(a,h)anthracene	1,500	250	120
Indeno(1,2,3-c,d)pyrene	15,000	740	310

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0132
012200123017004000

	RML	FM0132A-CS Front Yard 1/22/2013	FM0132B-CS Back Yard 1/22/2013
Metals mg/kg *			
Arsenic	39	19.38	8.1
Barium	46,000	165.4	101.95
Cadmium	210	ND	ND
Chromium(III)	350,000	86.9	68.9
Lead	400	79.84	77.22
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,000	79
Benzo(a)pyrene	1,500	670	83
Benzo(b)fluoranthene	15,000	1,100	100
Benzo(k)fluoranthene	150,000	380	34
Chrysene	1,500,000	860	110
Dibenz(a,h)anthracene	1,500	220	33
Indeno(1,2,3-c,d)pyrene	15,000	630	61

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0136
012200123017002000

		FM0136A-CS-SP Front Yard 1/8/2013	FM0136B-CS-SP Back Yard 1/8/2013	FM0136C-GS-SP Playset 1/8/2013
	RML			
Metals mg/kg *				
Arsenic	39	ND	4.34	4.63
Barium	46,000	171.5	190.5	162.09
Cadmium	210	ND	10.61	ND
Chromium(III)	350,000	84.98	65.46	104.93
Lead	400	19.53	12.33	17.93
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	23	7.8	13
Benzo(a)pyrene	1,500	26	11	18
Benzo(b)fluoranthene	15,000	44	15	28
Benzo(k)fluoranthene	150,000	12	4.8 J	9.1
Chrysene	1,500,000	34	15	23
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	14	5.5 J	7.9

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 GS Grab Sample
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0150
012200123011001000

	RML	FM0150A-CS Front Yard 1/8/2013	FM0150B-CS Side Yard 1/8/2013	FM0150C-CS Back Yard 1/8/2013	FM0150D-CS Side Yard 1/8/2013
Metals mg/kg *					
Arsenic	39	7.2	11	7.24	13.55
Barium	46,000	202.95	60.5	177.83	147.91
Cadmium	210	ND	0.13 J	ND	ND
Chromium(III)	350,000	82.26	65.23	80.05	84.9
Lead	400	35.93	42	59.51	51.79
Mercury (elemental)	30	ND	0.06	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	ND	53 J	ND	ND
Benzo(a)pyrene	1,500	ND	57 J	ND	ND
Benzo(b)fluoranthene	15,000	ND	92	50 J	51 J
Benzo(k)fluoranthene	150,000	ND	29 J	ND	28 J
Chrysene	1,500,000	ND	67 J	44 J	41 J
Dibenz(a,h)anthracene	1,500	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND	ND	ND

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0172
012200123008020000

	RML	FM0172A-CS Vacant Lot 1/29/2013	FM0172B-CS Vacant Lot 1/29/2013
Metals mg/kg *			
Arsenic	39	10.76	15.27
Barium	46,000	ND	68.21
Cadmium	210	ND	ND
Chromium(III)	350,000	105.51	83.09
Lead	400	109.19	206.48
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	190	190
Benzo(a)pyrene	1,500	230	140
Benzo(b)fluoranthene	15,000	310	240
Benzo(k)fluoranthene	150,000	99	88
Chrysene	1,500,000	230	270
Dibenz(a,h)anthracene	1,500	61 J	50 J
Indeno(1,2,3-c,d)pyrene	15,000	160	100

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0182
012200123008025000

FM0182A-CS Vacant Lot 1/16/2013

	RML	
Metals mg/kg *		
Arsenic	39	11.04
Barium	46,000	80.02
Cadmium	210	ND
Chromium(III)	350,000	111.33
Lead	400	92.99
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	28 J
Benzo(a)pyrene	1,500	45
Benzo(b)fluoranthene	15,000	85
Benzo(k)fluoranthene	150,000	31 J
Chrysene	1,500,000	72
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	17 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0183
012200123008012000

	RML	FM0183A-CS Vacant Lot 1/21/2013	FM0183B-CS Vacant Lot 1/21/2013
Metals mg/kg *			
Arsenic	39	12.91	12.75
Barium	46,000	ND	86.68
Cadmium	210	ND	ND
Chromium(III)	350,000	93.24	91.6
Lead	400	102.66	106.35
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	42	32
Benzo(a)pyrene	1,500	28	16 J
Benzo(b)fluoranthene	15,000	51	27
Benzo(k)fluoranthene	150,000	20	ND
Chrysene	1,500,000	55	25
Dibenz(a,h)anthracene	1,500	13 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	30 J	17 J

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
FM Fairmont Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0184
012200123007021000

	RML	FM0184A-CS Front Half 1/10/2013	FM0184B-CS Back Half 1/10/2013
Metals mg/kg *			
Arsenic	39	20.19	13.4
Barium	46,000	107.77	88.45
Cadmium	210	ND	ND
Chromium(III)	350,000	78.98	73.83
Lead	400	149.83	202.77
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	910 J	310 J
Benzo(a)pyrene	1,500	1,200 J	350 J
Benzo(b)fluoranthene	15,000	1,900 J	610 J
Benzo(k)fluoranthene	150,000	720 J	200 J
Chrysene	1,500,000	1,100 J	390 J
Dibenz(a,h)anthracene	1,500	280 J	56 J
Indeno(1,2,3-c,d)pyrene	15,000	710 J	170 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0187
012200123007023000

	RML	FM0187A-CS Front Yard 1/10/2013	FM0187B-CS Side Yard 1/10/2013	FM0187C-CS Back Yard 1/10/2013
Metals mg/kg *				
Arsenic	39	12.88	13.61	9.1
Barium	46,000	100.75	132.22	95
Cadmium	210	ND	ND	0.64 J
Chromium(III)	350,000	44.08	98.73	64.53
Lead	400	124.72	123.1	87
Mercury (elemental)	30	ND	ND	0.089
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	90 J	610 J	110 J
Benzo(a)pyrene	1,500	98 J	460 J	120 J
Benzo(b)fluoranthene	15,000	180 J	800 J	200 J
Benzo(k)fluoranthene	150,000	58 J	280 J	70 J
Chrysene	1,500,000	150 J	730 J	160 J
Dibenz(a,h)anthracene	1,500	16 J	85 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	47 J	300 J	66 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0188
012200123008010000

		FM0188A-CS-SP Front Yard 1/9/2013	FM0188B-CS-SP Back Yard 1/9/2013
	RML		
Metals mg/kg *			
Arsenic	39	18.07	33.41
Barium	46,000	104.7	180
Cadmium	210	ND	4.4
Chromium(III)	350,000	120.62	403.49
Lead	400	197.28	270
Mercury (elemental)	30	ND	0.094
Selenium	1,200	ND	ND
Silver	1,200	ND	0.23 J
PAHs µg/kg			
Benz(a)anthracene	15,000	750	930
Benzo(a)pyrene	1,500	750	830
Benzo(b)fluoranthene	15,000	1,100	1,300
Benzo(k)fluoranthene	150,000	450	570
Chrysene	1,500,000	900	980
Dibenz(a,h)anthracene	1,500	220	260
Indeno(1,2,3-c,d)pyrene	15,000	600	630

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0195 012200123007026000		FM0195A-CS-SP Vacant Lot 1/21/2013	FM0195B-CS-SP Vacant Lot 1/21/2013	FM0195C-GS-SP Vacant Lot 1/23/2013	FM0195D-GS-SP Drainage 1/23/2013
	RML				
Metals mg/kg *					
Arsenic	39	ND	237.53	1,335.62	9.62
Barium	46,000	90.61	56.11	262.48	192.01
Cadmium	210	ND	ND	42.18	ND
Chromium(III)	350,000	85.24	127.04	110.64	94.44
Lead	400	808.84	4,460.4	26,468.54	102.45
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	580	99	NA	NA
Benzo(a)pyrene	1,500	410	90	NA	NA
Benzo(b)fluoranthene	15,000	650	150	NA	NA
Benzo(k)fluoranthene	150,000	260	45	NA	NA
Chrysene	1,500,000	490	100	NA	NA
Dibenz(a,h)anthracene	1,500	130	29	NA	NA
Indeno(1,2,3-c,d)pyrene	15,000	340	93	NA	NA
PCBs µg/kg					
PCB-1016	12,000	NA	NA	ND	ND
PCB-1221	14,000	NA	NA	ND	ND
PCB-1232	14,000	NA	NA	ND	ND
PCB-1242	22,000	NA	NA	ND	ND
PCB-1248	22,000	NA	NA	ND	ND
PCB-1254	3,400	NA	NA	150	ND
PCB-1260	22,000	NA	NA	240	ND

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- PCBs Polychlorinated biphenyls
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

FM0205
012200123008002000

FM0205A-CS Vacant Lot 1/22/2013

RML

Metals mg/kg *		
Arsenic	39	26.74
Barium	46,000	231.28
Cadmium	210	ND
Chromium(III)	350,000	124.77
Lead	400	44.26
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	100
Benzo(a)pyrene	1,500	95
Benzo(b)fluoranthene	15,000	170
Benzo(k)fluoranthene	150,000	63
Chrysene	1,500,000	130
Dibenz(a,h)anthracene	1,500	36
Indeno(1,2,3-c,d)pyrene	15,000	77

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0214
012200123001003000

	RML	FM0214A-CS Front Yard 1/16/2013	FM0214B-CS Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	8.25	16.83
Barium	46,000	141.69	259.36
Cadmium	210	ND	ND
Chromium(III)	350,000	133.37	123.71
Lead	400	32.11	125.68
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	300
Benzo(a)pyrene	1,500	120	340
Benzo(b)fluoranthene	15,000	210	640
Benzo(k)fluoranthene	150,000	69	210
Chrysene	1,500,000	140	380
Dibenz(a,h)anthracene	1,500	14	35
Indeno(1,2,3-c,d)pyrene	15,000	51	140

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0215
012200123001002000

	RML	FM0215A-CS Front Yard 1/16/2013	FM0215B-CS Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	7.38	9.87
Barium	46,000	124.66	51.08
Cadmium	210	ND	ND
Chromium(III)	350,000	96.99	97.69
Lead	400	64.9	64.66
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	73	9,300
Benzo(a)pyrene	1,500	87	7,500
Benzo(b)fluoranthene	15,000	180	11,000
Benzo(k)fluoranthene	150,000	66	5,200
Chrysene	1,500,000	110	8,300
Dibenz(a,h)anthracene	1,500	13	710
Indeno(1,2,3-c,d)pyrene	15,000	38	1,800

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

FM0216
012200123001001000

	RML	FM0216A-CS Vacant Lot 1/16/2013	FM0216B-CS Vacant Lot 1/16/2013
Metals mg/kg *			
Arsenic	39	11.26	13.63
Barium	46,000	ND	196.24
Cadmium	210	ND	ND
Chromium(III)	350,000	67.68	109.42
Lead	400	38.62	50.53
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	59	100
Benzo(a)pyrene	1,500	70	110
Benzo(b)fluoranthene	15,000	130	230
Benzo(k)fluoranthene	150,000	45	82
Chrysene	1,500,000	86	150
Dibenz(a,h)anthracene	1,500	13	ND
Indeno(1,2,3-c,d)pyrene	15,000	31	48

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0220
012200123007005000

	RML	FM0220A-CS Vacant Lot 12/4/2012	FM0220B-GS Drainage 12/4/2012	FM0220C-GS Drainage 1/23/2013
Metals mg/kg *				
Arsenic	39	44.37	14.8	13.25
Barium	46,000	810	226.87	138.38
Cadmium	210	4	ND	ND
Chromium(III)	350,000	306.9	111.63	109.09
Lead	400	1,100	85.77	104.97
Mercury (elemental)	30	0.15	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	0.17 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	310	210	NA
Benzo(a)pyrene	1,500	310	210	NA
Benzo(b)fluoranthene	15,000	590	360	NA
Benzo(k)fluoranthene	150,000	260	120	NA
Chrysene	1,500,000	410	230	NA
Dibenz(a,h)anthracene	1,500	77 J	46	NA
Indeno(1,2,3-c,d)pyrene	15,000	250	140	NA
PCBs µg/kg				
PCB-1016	12,000	NA	NA	ND
PCB-1221	14,000	NA	NA	ND
PCB-1232	14,000	NA	NA	ND
PCB-1242	22,000	NA	NA	ND
PCB-1248	22,000	NA	NA	ND
PCB-1254	3,400	NA	NA	66
PCB-1260	22,000	NA	NA	22 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- 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

FM0226
012200124003001000

		FM0226A-CS Front Yard 1/18/2013	FM0226B-CS Back Yard 1/18/2013
	RML		
Metals mg/kg *			
Arsenic	39	22.84	11.78
Barium	46,000	155.06	84.94
Cadmium	210	ND	ND
Chromium(III)	350,000	72.4	83.64
Lead	400	42.08	44.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	73	200
Benzo(a)pyrene	1,500	45	110
Benzo(b)fluoranthene	15,000	95	220
Benzo(k)fluoranthene	150,000	31	68
Chrysene	1,500,000	78	190
Dibenz(a,h)anthracene	1,500	16 J	48 J
Indeno(1,2,3-c,d)pyrene	15,000	32	66 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0229
012200124002011001

		FM0229A-CS-SP Front Yard 1/21/2013	FM0229B-CS-SP Back Yard 1/21/2013
	RML		
Metals mg/kg *			
Arsenic	39	22.73	9.4
Barium	46,000	78.62	94.64
Cadmium	210	ND	ND
Chromium(III)	350,000	115.67	107.11
Lead	400	51.26	52.5
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	21	81
Benzo(a)pyrene	1,500	10 J	61
Benzo(b)fluoranthene	15,000	17	96
Benzo(k)fluoranthene	150,000	7.5 J	45
Chrysene	1,500,000	19	80
Dibenz(a,h)anthracene	1,500	5 J	20
Indeno(1,2,3-c,d)pyrene	15,000	9.1 J	51

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0230
012200124002011000

		FM0230A-CS-SP Front Yard 1/7/2013	FM0230B-CS-SP Back Yard 1/7/2013
	RML		
Metals mg/kg *			
Arsenic	39	13.79	15
Barium	46,000	129.01	330
Cadmium	210	ND	1.4
Chromium(III)	350,000	70.39	46.54
Lead	400	53.22	480
Mercury (elemental)	30	ND	0.23 J
Selenium	1,200	ND	2 J
Silver	1,200	ND	0.67 J
PAHs µg/kg			
Benz(a)anthracene	15,000	49 J	49 J
Benzo(a)pyrene	1,500	46 J	55 J
Benzo(b)fluoranthene	15,000	110	84 J
Benzo(k)fluoranthene	150,000	40 J	36 J
Chrysene	1,500,000	92	81 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 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

FM0236
012200123010016000

	RML	FM0236A-CS Front Yard 1/18/2013	FM0236A-CSD Front Yard 1/18/2013	FM0236B-CS Back Yard 1/18/2013	FM0236C-CS Side Yard 1/18/2013
Metals mg/kg *					
Arsenic	39	16.8	NA	13.99	25.17
Barium	46,000	64.26	NA	160.61	244.71
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	100.5	NA	88.96	135.9
Lead	400	157.67	NA	140.76	171.3
Mercury (elemental)	30	ND	NA	ND	ND
Selenium	1,200	ND	NA	ND	ND
Silver	1,200	ND	NA	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	220 J	530 J	35	69
Benzo(a)pyrene	1,500	220 J	460 J	24	51
Benzo(b)fluoranthene	15,000	360 J	780 J	44	77
Benzo(k)fluoranthene	150,000	130 J	290 J	10 J	33
Chrysene	1,500,000	290 J	660 J	41	92
Dibenz(a,h)anthracene	1,500	63	130	14 J	25 J
Indeno(1,2,3-c,d)pyrene	15,000	150 J	340 J	20 J	41

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0281
012200132004005000

	RML	FM0281A-CS-SP Front Yard 1/16/2013	FM0281B-CS-SP Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	19.65	22.2
Barium	46,000	93.31	638.7
Cadmium	210	ND	ND
Chromium(III)	350,000	125.11	140.08
Lead	400	50.91	107.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	200
Benzo(a)pyrene	1,500	190	160
Benzo(b)fluoranthene	15,000	200	250
Benzo(k)fluoranthene	150,000	110	96
Chrysene	1,500,000	230	180
Dibenz(a,h)anthracene	1,500	39 J	66 J
Indeno(1,2,3-c,d)pyrene	15,000	120	120

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0282
012200132004004000

	RML	FM0282A-CS Front Yard 1/16/2013	FM0282B-CS Back Yard 1/16/2013
Metals mg/kg *			
Arsenic	39	10.37	9.44
Barium	46,000	116.29	240.2
Cadmium	210	0.52 J	ND
Chromium(III)	350,000	86.05	115.6
Lead	400	71	61.43
Mercury (elemental)	30	0.11	ND
Selenium	1,200	1.2 J	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	40
Benzo(a)pyrene	1,500	160	51
Benzo(b)fluoranthene	15,000	300	98
Benzo(k)fluoranthene	150,000	110	39
Chrysene	1,500,000	140	54
Dibenz(a,h)anthracene	1,500	15	5.8 J
Indeno(1,2,3-c,d)pyrene	15,000	56	20

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0283
012200132004002000

	RML	FM0283A-CS Vacant Lot 1/21/2013	FM0283B-CS Vacant Lot 1/21/2013
Metals mg/kg *			
Arsenic	39	11.05	11.48
Barium	46,000	52.94	123.37
Cadmium	210	ND	ND
Chromium(III)	350,000	97.54	50.44
Lead	400	103.98	164.62
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,100 J	63
Benzo(a)pyrene	1,500	710 J	51
Benzo(b)fluoranthene	15,000	1,100 J	80
Benzo(k)fluoranthene	150,000	460 J	25
Chrysene	1,500,000	900 J	66
Dibenz(a,h)anthracene	1,500	140	14 J
Indeno(1,2,3-c,d)pyrene	15,000	340	38

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0286
012200123015011000

FM0286A-CS-SP
Side Yard
1/9/2013

	RML	
Metals mg/kg *		
Arsenic	39	53.19
Barium	46,000	97.99
Cadmium	210	ND
Chromium(III)	350,000	57.41
Lead	400	729.45
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	65
Benzo(a)pyrene	1,500	66
Benzo(b)fluoranthene	15,000	130
Benzo(k)fluoranthene	150,000	41
Chrysene	1,500,000	90
Dibenz(a,h)anthracene	1,500	22 J
Indeno(1,2,3-c,d)pyrene	15,000	36

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

FM0287
012200123015010000

FM0287A-CS-SP
Side Yard
1/9/2013

RML

Metals mg/kg *		
Arsenic	39	10.78
Barium	46,000	108.04
Cadmium	210	ND
Chromium(III)	350,000	72.2
Lead	400	134.01
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	410
Benzo(a)pyrene	1,500	310
Benzo(b)fluoranthene	15,000	470
Benzo(k)fluoranthene	150,000	210
Chrysene	1,500,000	380
Dibenz(a,h)anthracene	1,500	62
Indeno(1,2,3-c,d)pyrene	15,000	160

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0288
012200123015009000

	RML	FM0288A-CS-SP Front Yard 1/9/2013	FM0288B-CS-SP Side Yard 1/9/2013
Metals mg/kg *			
Arsenic	39	15.13	11.19
Barium	46,000	147.1	83.46
Cadmium	210	ND	ND
Chromium(III)	350,000	89.4	90.16
Lead	400	88.03	89.45
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	430	110
Benzo(a)pyrene	1,500	470	120
Benzo(b)fluoranthene	15,000	760	190
Benzo(k)fluoranthene	150,000	210	59
Chrysene	1,500,000	560	130
Dibenz(a,h)anthracene	1,500	180	28
Indeno(1,2,3-c,d)pyrene	15,000	430	75

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0292
012200123015005000

		FM0292A-CS-SP Front Yard 1/29/2013	FM0292B-CS-SP Back Yard 1/29/2013
	RML		
Metals mg/kg *			
Arsenic	39	31.8	20.32
Barium	46,000	188.42	298.95
Cadmium	210	ND	ND
Chromium(III)	350,000	117.16	140.72
Lead	400	640.04	369.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	50	160
Benzo(a)pyrene	1,500	37	90
Benzo(b)fluoranthene	15,000	100	200
Benzo(k)fluoranthene	150,000	33	65
Chrysene	1,500,000	91	190
Dibenz(a,h)anthracene	1,500	14 J	34 J
Indeno(1,2,3-c,d)pyrene	15,000	35	65 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

FM0331
012200123014013000

	RML	FM0331A-CS Front Yard 1/24/2013	FM0331B-CS Back Yard 1/24/2013
Metals mg/kg *			
Arsenic	39	7.91	8.33
Barium	46,000	192.14	234.34
Cadmium	210	ND	ND
Chromium(III)	350,000	81.34	91.86
Lead	400	51.77	57.25
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	77	86
Benzo(a)pyrene	1,500	76	47 J
Benzo(b)fluoranthene	15,000	150	72
Benzo(k)fluoranthene	150,000	37	42
Chrysene	1,500,000	88	76
Dibenz(a,h)anthracene	1,500	20 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	47	49 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 FM Fairmont Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0004
012200131008016000

	RML	HP0004A-CS Vacant Lot 1/23/2013	HP0004B-CS Vacant Lot 1/23/2013
Metals mg/kg *			
Arsenic	39	10.56	13.74
Barium	46,000	193.64	232.69
Cadmium	210	ND	11.14
Chromium(III)	350,000	81.63	116.43
Lead	400	92.39	128.22
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	6.37
PAHs µg/kg			
Benz(a)anthracene	15,000	56	290
Benzo(a)pyrene	1,500	32	180
Benzo(b)fluoranthene	15,000	67	430
Benzo(k)fluoranthene	150,000	19	99
Chrysene	1,500,000	63	450
Dibenz(a,h)anthracene	1,500	13 J	59 J
Indeno(1,2,3-c,d)pyrene	15,000	28 J	160

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0024
012300073004014000

		HP0024A-CS-SP Front Yard 1/24/2013	HP0024B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	24.18	13.68
Barium	46,000	187.85	113.22
Cadmium	210	ND	ND
Chromium(III)	350,000	115.43	117.2
Lead	400	178.37	106.61
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	610	710
Benzo(a)pyrene	1,500	470	780
Benzo(b)fluoranthene	15,000	880	1,100
Benzo(k)fluoranthene	150,000	270	500
Chrysene	1,500,000	980	800
Dibenz(a,h)anthracene	1,500	170	250
Indeno(1,2,3-c,d)pyrene	15,000	350	800

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0025 012300073004009000		HP0025A-CS Front Half 1/29/2013	HP0025B-CS Back Half 1/29/2013	HP0025B-CSD Back Half 1/29/2013
	RML			
Metals mg/kg *				
Arsenic	39	67.17	58.07	NA
Barium	46,000	393.87	156.19	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	185.2	133.74	NA
Lead	400	1,158.31	450.09	NA
Mercury (elemental)	30	ND	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	ND	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	2,300 J	800 J	34,000 J
Benzo(a)pyrene	1,500	2,000 J	600 J	23,000 J
Benzo(b)fluoranthene	15,000	3,000 J	980 J	45,000 J
Benzo(k)fluoranthene	150,000	1,300 J	490 J	8,600 J
Chrysene	1,500,000	2,200 J	750 J	34,000 J
Dibenz(a,h)anthracene	1,500	420	170 J	5,800 J
Indeno(1,2,3-c,d)pyrene	15,000	1,200 J	430 J	14,000 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

HP0033
012300073004020000

	RML	HP0033A-CS-SP Front/Side Yard 1/17/2013	HP0033B-CS-SP Back Yard 1/17/2013
Metals mg/kg *			
Arsenic	39	33.98	48.57
Barium	46,000	ND	380 J
Cadmium	210	ND	2.7
Chromium(III)	350,000	190.83	119.31
Lead	400	175.8	370
Mercury (elemental)	30	ND	0.16
Selenium	1,200	ND	2.5 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	270
Benzo(a)pyrene	1,500	230	280
Benzo(b)fluoranthene	15,000	490	580
Benzo(k)fluoranthene	150,000	120	230
Chrysene	1,500,000	310	380
Dibenz(a,h)anthracene	1,500	66	95
Indeno(1,2,3-c,d)pyrene	15,000	130	220

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0034
012300073004018000

	RML	HP0034A-CS Front Yard 1/8/2013	HP0034B-CS Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	16.88	11.99
Barium	46,000	196.18	179.5
Cadmium	210	ND	ND
Chromium(III)	350,000	120.93	99.2
Lead	400	60.34	51.92
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	91
Benzo(a)pyrene	1,500	130	97
Benzo(b)fluoranthene	15,000	230	170
Benzo(k)fluoranthene	150,000	83 J	50 J
Chrysene	1,500,000	210	160
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	93	83 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0038
012200131001002000

HP0038A-CS-SP Front Yard 1/28/2013	HP0038B-CS-SP Back Yard 1/28/2013
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	RML		
Metals mg/kg *			
Arsenic	39	52.62	22.77
Barium	46,000	1,001.24	68.27
Cadmium	210	ND	ND
Chromium(III)	350,000	159.58	114.48
Lead	400	307.13	178.43
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,500	180
Benzo(a)pyrene	1,500	1,700	150
Benzo(b)fluoranthene	15,000	2,600	310
Benzo(k)fluoranthene	150,000	920	110
Chrysene	1,500,000	1,600	220
Dibenz(a,h)anthracene	1,500	270	55 J
Indeno(1,2,3-c,d)pyrene	15,000	1,200	120

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0049
012300073012024000

		HP0049A-CS-SP Front Yard 1/17/2013	HP0049B-CS-SP Back Yard 1/17/2013
	RML		
Metals mg/kg *			
Arsenic	39	29.85	17.71
Barium	46,000	109.98	189.27
Cadmium	210	ND	ND
Chromium(III)	350,000	159	253.16
Lead	400	124.11	136.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	47	34
Benzo(a)pyrene	1,500	37	28
Benzo(b)fluoranthene	15,000	67	52
Benzo(k)fluoranthene	150,000	18	16
Chrysene	1,500,000	82	54
Dibenz(a,h)anthracene	1,500	14 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	30	23 J

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
HP Harriman Park Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0050
012300073012025000

		HP0050A-CS-SP Front Yard 1/18/2013	HP0050B-CS-SP Back Yard 1/18/2013
	RML		
Metals mg/kg *			
Arsenic	39	15.87	24.85
Barium	46,000	169.12	180.31
Cadmium	210	ND	ND
Chromium(III)	350,000	117.45	111.29
Lead	400	72.59	95.63
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	58	1,400
Benzo(a)pyrene	1,500	48	940
Benzo(b)fluoranthene	15,000	100	1,600
Benzo(k)fluoranthene	150,000	38	490
Chrysene	1,500,000	85	1,300
Dibenz(a,h)anthracene	1,500	30	310
Indeno(1,2,3-c,d)pyrene	15,000	50	770

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0051
012300073012026000

		HP0051A-CS-SP Front Yard 1/18/2013	HP0051B-CS-SP Back Yard 1/18/2013
	RML		
Metals mg/kg *			
Arsenic	39	24.56	26.95
Barium	46,000	329.53	223.36
Cadmium	210	ND	ND
Chromium(III)	350,000	117.25	160.04
Lead	400	111.93	165.43
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	66	86
Benzo(a)pyrene	1,500	48	54 J
Benzo(b)fluoranthene	15,000	91	88
Benzo(k)fluoranthene	150,000	29	28
Chrysene	1,500,000	96	94
Dibenz(a,h)anthracene	1,500	22 J	25
Indeno(1,2,3-c,d)pyrene	15,000	36	43

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0060
012300073014015000

	RML	HP0060A-CS-SP South Half 1/9/2013	HP0060B-CS-SP North Half 1/9/2013
Metals mg/kg *			
Arsenic	39	27.57	18.61
Barium	46,000	240.16	260.43
Cadmium	210	ND	ND
Chromium(III)	350,000	100.07	111.66
Lead	400	119.45	98.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	69	85
Benzo(a)pyrene	1,500	69	79
Benzo(b)fluoranthene	15,000	130	140
Benzo(k)fluoranthene	150,000	46	48
Chrysene	1,500,000	110	100
Dibenz(a,h)anthracene	1,500	32	35
Indeno(1,2,3-c,d)pyrene	15,000	74	70

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0062
012300073014017000

HP0062A-CS Vacant Lot 1/24/2013	HP0062B-CS Vacant Lot 1/24/2013
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	RML		
Metals mg/kg *			
Arsenic	39	72.51	62.22
Barium	46,000	750	108.15
Cadmium	210	4.5	ND
Chromium(III)	350,000	145.07	174.1
Lead	400	2,451.94	1,242.74
Mercury (elemental)	30	0.65	ND
Selenium	1,200	2.4 J	ND
Silver	1,200	3.2	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	490	180
Benzo(a)pyrene	1,500	390	160
Benzo(b)fluoranthene	15,000	440	200
Benzo(k)fluoranthene	150,000	240	95
Chrysene	1,500,000	400	190
Dibenz(a,h)anthracene	1,500	86 J	41 J
Indeno(1,2,3-c,d)pyrene	15,000	190	73 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0065
012300073014020000

		HP0065A-CS-SP Front Yard 1/23/2013	HP0065B-CS-SP Back Yard 1/23/2013
	RML		
Metals mg/kg *			
Arsenic	39	41.41	24.02
Barium	46,000	56.27	214.7
Cadmium	210	ND	ND
Chromium(III)	350,000	127.67	141.44
Lead	400	70.62	96.68
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	34	80
Benzo(a)pyrene	1,500	23	58
Benzo(b)fluoranthene	15,000	42	120
Benzo(k)fluoranthene	150,000	11	27
Chrysene	1,500,000	39	98
Dibenz(a,h)anthracene	1,500	11 J	26
Indeno(1,2,3-c,d)pyrene	15,000	21 J	53

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0066
012300073014021000

		HP0066A-CS-SP Front Yard 1/9/2013	HP0066B-CS-SP Back Yard 1/9/2013
	RML		
Metals mg/kg *			
Arsenic	39	23.49	47.73
Barium	46,000	149.21	291.67
Cadmium	210	ND	ND
Chromium(III)	350,000	108.41	194.59
Lead	400	140.71	254.59
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	81	67
Benzo(a)pyrene	1,500	80	51
Benzo(b)fluoranthene	15,000	170	100
Benzo(k)fluoranthene	150,000	39	33
Chrysene	1,500,000	150	93
Dibenz(a,h)anthracene	1,500	38	22 J
Indeno(1,2,3-c,d)pyrene	15,000	80	37

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0073
012300073009040000

		HP0073A-CS-SP Front Yard 1/7/2013	HP0073B-CS-SP Back Yard 1/7/2013
	RML		
Metals mg/kg *			
Arsenic	39	10.09	17.61
Barium	46,000	248.69	216.18
Cadmium	210	ND	ND
Chromium(III)	350,000	84.98	60.64
Lead	400	55.25	87.56
Mercury (elemental)	30	ND	8.72
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	58 J	67 J
Benzo(a)pyrene	1,500	66 J	79 J
Benzo(b)fluoranthene	15,000	110	170
Benzo(k)fluoranthene	150,000	49 J	73 J
Chrysene	1,500,000	69 J	110
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0076
012300073012012000

	RML	HP0076A-CS Front Yard 1/9/2013	HP0076A-CSD Front Yard 1/9/2013	HP0076B-CS Back Yard 1/9/2013
Metals mg/kg *				
Arsenic	39	24.54	NA	43
Barium	46,000	184.75	NA	297.89
Cadmium	210	ND	NA	1.4
Chromium(III)	350,000	97.09	NA	105.55
Lead	400	157.1	NA	428.68
Mercury (elemental)	30	ND	NA	0.09
Selenium	1,200	ND	NA	4 J
Silver	1,200	ND	NA	0.33 J
PAHs µg/kg				
Benz(a)anthracene	15,000	670	980	170
Benzo(a)pyrene	1,500	590	930	140
Benzo(b)fluoranthene	15,000	930 J	1,600 J	250
Benzo(k)fluoranthene	150,000	420	480	91
Chrysene	1,500,000	720	1,100	260
Dibenz(a,h)anthracene	1,500	150 J	300 J	45 J
Indeno(1,2,3-c,d)pyrene	15,000	460 J	770 J	130

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0077
012300073012011000

	RML	HP0077A-CS Front Yard 1/29/2013	HP0077B-CS Back Yard 1/29/2013
Metals mg/kg *			
Arsenic	39	24.84	27.01
Barium	46,000	144.86	204.45
Cadmium	210	ND	ND
Chromium(III)	350,000	117.69	155.23
Lead	400	117.64	268.49
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	230
Benzo(a)pyrene	1,500	180	180 J
Benzo(b)fluoranthene	15,000	360	300
Benzo(k)fluoranthene	150,000	84	91
Chrysene	1,500,000	290	270
Dibenz(a,h)anthracene	1,500	47	87 J
Indeno(1,2,3-c,d)pyrene	15,000	120	190

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0078
012300073011020000

	RML	HP0078A-CS-SP Front/Side Yard 1/24/2013	HP0078B-CS-SP Back Yard 1/24/2013
Metals mg/kg *			
Arsenic	39	21.53	22.55
Barium	46,000	247.63	293.17
Cadmium	210	ND	ND
Chromium(III)	350,000	111.14	125.09
Lead	400	82.02	124.35
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	110
Benzo(a)pyrene	1,500	81	110
Benzo(b)fluoranthene	15,000	190	280
Benzo(k)fluoranthene	150,000	52	70
Chrysene	1,500,000	240	190
Dibenz(a,h)anthracene	1,500	35	40
Indeno(1,2,3-c,d)pyrene	15,000	68	93

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0079
012300073012010000

	RML	HP0079A-CS Back Yard 1/29/2013	HP0079B-CS Back Yard 1/29/2013	HP0079C-CS Side Yard 1/29/2013
Metals mg/kg *				
Arsenic	39	31.94	21.56	29.61
Barium	46,000	310.75	289.23	78.27
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	104.92	103.59	102.35
Lead	400	113	198.14	155.58
Mercury (elemental)	30	ND	10.02	ND
Selenium	1,200	9.45	7.93	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	65	120	220
Benzo(a)pyrene	1,500	58	130	220
Benzo(b)fluoranthene	15,000	140	240	500
Benzo(k)fluoranthene	150,000	43	80	110
Chrysene	1,500,000	100	160	390
Dibenz(a,h)anthracene	1,500	21 J	40 J	63
Indeno(1,2,3-c,d)pyrene	15,000	45	110	150

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0080
012300073011021000

	RML	HP0080A-CS Front Yard 1/29/2013	HP0080B-CS Back Yard 1/29/2013
Metals mg/kg *			
Arsenic	39	28.33	18.46
Barium	46,000	193.05	777.92
Cadmium	210	ND	ND
Chromium(III)	350,000	118.03	108.83
Lead	400	132.79	131.37
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	91
Benzo(a)pyrene	1,500	150	92
Benzo(b)fluoranthene	15,000	310	160
Benzo(k)fluoranthene	150,000	86	51
Chrysene	1,500,000	370	170
Dibenz(a,h)anthracene	1,500	45 J	25 J
Indeno(1,2,3-c,d)pyrene	15,000	100	54

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0085
012300073012007000

	RML	HP0085A-CS Front Yard 1/10/2013	HP0085B-CS Back Yard 1/10/2013	HP0085C-CS Side Yard 1/10/2013
Metals mg/kg *				
Arsenic	39	28.27	23	29.9
Barium	46,000	150.44	170	179.1
Cadmium	210	ND	0.79	ND
Chromium(III)	350,000	97.01	100	73.17
Lead	400	182.28	513.59	199.11
Mercury (elemental)	30	ND	0.11	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,000 J	57 J	210 J
Benzo(a)pyrene	1,500	1,500 J	73 J	270 J
Benzo(b)fluoranthene	15,000	2,200 J	130 J	490 J
Benzo(k)fluoranthene	150,000	670 J	35 J	120 J
Chrysene	1,500,000	1,100 J	96 J	280 J
Dibenz(a,h)anthracene	1,500	160 J	12 J	35 J
Indeno(1,2,3-c,d)pyrene	15,000	740 J	36 J	120 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0086
012300073011024000

	RML	HP0086A-CS Front Yard 1/29/2013	HP0086B-CS Back Yard 1/29/2013
Metals mg/kg *			
Arsenic	39	35.79	22.77
Barium	46,000	150.04	525.45
Cadmium	210	ND	ND
Chromium(III)	350,000	138.96	142.81
Lead	400	84.2	589.12
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	500	190
Benzo(a)pyrene	1,500	410	120
Benzo(b)fluoranthene	15,000	880	260
Benzo(k)fluoranthene	150,000	380	130
Chrysene	1,500,000	610	260
Dibenz(a,h)anthracene	1,500	110 J	48 J
Indeno(1,2,3-c,d)pyrene	15,000	250	110

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 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

HP0090
012300073011026000

	RML	HP0090A-CS Front Yard 1/8/2013	HP0090B-CS Back Yard 1/8/2013	HP0090C-CS Side Yard 1/8/2013
Metals mg/kg *				
Arsenic	39	17.73	15.41	17.3
Barium	46,000	87.74	245.47	133.74
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	83.58	114.33	86.52
Lead	400	51.28	91	74.21
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	97	62 J	72 J
Benzo(a)pyrene	1,500	120	72 J	72 J
Benzo(b)fluoranthene	15,000	160	110	130
Benzo(k)fluoranthene	150,000	46 J	34 J	29 J
Chrysene	1,500,000	160	100	110
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	67 J	42 J	ND

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0093
012300073012003000

		HP0093A-CS-SP Front Yard 1/28/2013	HP0093B-CS-SP Back Yard 1/28/2013
	RML		
Metals mg/kg *			
Arsenic	39	17.88	16
Barium	46,000	250.49	176.47
Cadmium	210	ND	ND
Chromium(III)	350,000	109.23	123.87
Lead	400	109.74	89.15
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	76	96
Benzo(a)pyrene	1,500	74	100
Benzo(b)fluoranthene	15,000	130	190
Benzo(k)fluoranthene	150,000	47	63
Chrysene	1,500,000	120	150
Dibenz(a,h)anthracene	1,500	20 J	23 J
Indeno(1,2,3-c,d)pyrene	15,000	52	63

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0096
012300073011029000

		HP0096A-CS-SP Front Yard 1/23/2013	HP0096B-CS-SP Back Yard 1/23/2013
	RML		
Metals mg/kg *			
Arsenic	39	49.53	21.15
Barium	46,000	303	199.13
Cadmium	210	ND	ND
Chromium(III)	350,000	128.66	313.18
Lead	400	131.79	132.14
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	98	200
Benzo(a)pyrene	1,500	70	120
Benzo(b)fluoranthene	15,000	130	240
Benzo(k)fluoranthene	150,000	37	56
Chrysene	1,500,000	160	190
Dibenz(a,h)anthracene	1,500	35	73 J
Indeno(1,2,3-c,d)pyrene	15,000	58	120

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 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

HP0098
012300073011030000

		HP0098A-CS-SP Front Yard 1/28/2013	HP0098B-CS-SP Back Yard 1/28/2013	HP0098C-GS-SP Play Set 1/28/2013
	RML			
Metals mg/kg *				
Arsenic	39	34.16	61.02	26.11
Barium	46,000	151.27	146.66	58.54
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	112.26	150.98	114.26
Lead	400	104.24	235.16	119.61
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	110	44	240
Benzo(a)pyrene	1,500	96	27	190
Benzo(b)fluoranthene	15,000	180	64	340
Benzo(k)fluoranthene	150,000	60	21	110
Chrysene	1,500,000	180	56	280
Dibenz(a,h)anthracene	1,500	29 J	7.1 J	52
Indeno(1,2,3-c,d)pyrene	15,000	70	18 J	120

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0100
012300073011032000

	RML	HP0100A-CS Front Yard 1/21/2013	HP0100B-CS Back Yard 1/21/2013
Metals mg/kg *			
Arsenic	39	24.78	28.75
Barium	46,000	209.22	151.68
Cadmium	210	ND	ND
Chromium(III)	350,000	139.56	127.56
Lead	400	141.23	190.89
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	88	110
Benzo(a)pyrene	1,500	60	66
Benzo(b)fluoranthene	15,000	130 J	130
Benzo(k)fluoranthene	150,000	48	50
Chrysene	1,500,000	160	140
Dibenz(a,h)anthracene	1,500	29 J	29
Indeno(1,2,3-c,d)pyrene	15,000	46	66

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0101
012300073011033000

	RML	HP0101A-CS Front Yard 1/17/2013	HP0101B-CS Back Yard 1/17/2013	HP0101C-CS Side Yard 1/17/2013
Metals mg/kg *				
Arsenic	39	27.4	31.33	21.08
Barium	46,000	134.71	270	109.72
Cadmium	210	ND	2	ND
Chromium(III)	350,000	114.97	105.62	118.86
Lead	400	138.41	726.76	157.89
Mercury (elemental)	30	ND	0.2	ND
Selenium	1,200	ND	3.3	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	38	150	210
Benzo(a)pyrene	1,500	33	140	180
Benzo(b)fluoranthene	15,000	54	210	330
Benzo(k)fluoranthene	150,000	19	110	99
Chrysene	1,500,000	47	200	240
Dibenz(a,h)anthracene	1,500	13 J	46	62
Indeno(1,2,3-c,d)pyrene	15,000	26	110	150

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0105
012300073013005000

		HP0105A-CS-SP Front Yard 1/23/2013	HP0105B-CS-SP Back Yard 1/23/2013
	RML		
Metals mg/kg *			
Arsenic	39	34.79	46.25
Barium	46,000	441.57	510
Cadmium	210	ND	2.9
Chromium(III)	350,000	130.31	171.55
Lead	400	101.78	535.44
Mercury (elemental)	30	ND	0.21
Selenium	1,200	ND	2.8
Silver	1,200	ND	0.39 J
PAHs µg/kg			
Benz(a)anthracene	15,000	100	400
Benzo(a)pyrene	1,500	82	280
Benzo(b)fluoranthene	15,000	130	570
Benzo(k)fluoranthene	150,000	54	210
Chrysene	1,500,000	120	560
Dibenz(a,h)anthracene	1,500	34	140
Indeno(1,2,3-c,d)pyrene	15,000	79	290
PCBs µg/kg			
PCB-1016	12,000	NA	ND
PCB-1221	14,000	NA	ND
PCB-1232	14,000	NA	ND
PCB-1242	22,000	NA	ND
PCB-1248	22,000	NA	ND
PCB-1254	3,400	NA	58 J
PCB-1260	22,000	NA	82 J

Notes:

CS	Composite sample
EPA	U.S. Environmental Protection Agency
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
PCBs	Polychlorinated biphenyls
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
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

HP0119
012300073010026000

		HP0119A-CS-SP Front Yard 1/10/2013	HP0119B-CSD-SP Back Yard 1/10/2013	HP0119B-CS-SP Back Yard 1/10/2013
	RML			
Metals mg/kg *				
Arsenic	39	6.63	NA	13.49
Barium	46,000	427.41	NA	436.19
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	105.12	NA	50.05
Lead	400	42.69	NA	62.74
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	7.32
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	31 J	44 J	75 J
Benzo(a)pyrene	1,500	39 J	82 J	170 J
Benzo(b)fluoranthene	15,000	73 J	150 J	250 J
Benzo(k)fluoranthene	150,000	25 J	44 J	99 J
Chrysene	1,500,000	50 J	67 J	100 J
Dibenz(a,h)anthracene	1,500	5.9 J	9.9 J	17 J
Indeno(1,2,3-c,d)pyrene	15,000	17 J	31 J	60 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0122
012300073010028000

		HP0122A-CS-SP Back Yard 1/7/2013	HP0122B-CS-SP Front Yard 1/7/2013
	RML		
Metals mg/kg *			
Arsenic	39	29.39	23.81
Barium	46,000	181.4	226.78
Cadmium	210	ND	ND
Chromium(III)	350,000	95.07	105
Lead	400	184.15	240.29
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140	99
Benzo(a)pyrene	1,500	150	160
Benzo(b)fluoranthene	15,000	240	240
Benzo(k)fluoranthene	150,000	110	71 J
Chrysene	1,500,000	200	150
Dibenz(a,h)anthracene	1,500	44 J	45 J
Indeno(1,2,3-c,d)pyrene	15,000	57 J	110

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0127
012300073014008000

		HP0127A-CS-SP Front Yard 1/22/2013	HP0127B-CS-SP Back Yard 1/22/2013
	RML		
Metals mg/kg *			
Arsenic	39	46.88	25.21
Barium	46,000	136.39	150.38
Cadmium	210	ND	ND
Chromium(III)	350,000	126.19	146.57
Lead	400	148.66	180.58
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	62
Benzo(a)pyrene	1,500	250	50
Benzo(b)fluoranthene	15,000	490	110
Benzo(k)fluoranthene	150,000	160	28
Chrysene	1,500,000	440	90
Dibenz(a,h)anthracene	1,500	100	20
Indeno(1,2,3-c,d)pyrene	15,000	260	48

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0129
012300073014007000

		HP0129A-CS-SP Front Yard 1/24/2013	HP0129B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	18.7	19.1
Barium	46,000	171.89	292.46
Cadmium	210	ND	ND
Chromium(III)	350,000	118.6	135.63
Lead	400	90.05	225.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	150
Benzo(a)pyrene	1,500	200	110
Benzo(b)fluoranthene	15,000	380	250
Benzo(k)fluoranthene	150,000	86	64
Chrysene	1,500,000	210	160
Dibenz(a,h)anthracene	1,500	49	34 J
Indeno(1,2,3-c,d)pyrene	15,000	120	75 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0135
012300073010035000

	RML	HP0135A-CS Front Yard 1/28/2013	HP0135B-CS Back Yard 1/28/2013
Metals mg/kg *			
Arsenic	39	18.34	26.11
Barium	46,000	156.84	511.16
Cadmium	210	ND	ND
Chromium(III)	350,000	110.71	211.71
Lead	400	78.08	211.02
Mercury (elemental)	30	ND	9.19
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	32	110
Benzo(a)pyrene	1,500	25	46 J
Benzo(b)fluoranthene	15,000	50	120
Benzo(k)fluoranthene	150,000	11	46
Chrysene	1,500,000	56	110
Dibenz(a,h)anthracene	1,500	7.4 J	23 J
Indeno(1,2,3-c,d)pyrene	15,000	18 J	48 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Millograms per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0169
012300073011002000

	RML	HP0169A-CS Front Yard 1/28/2013	HP0169B-CS Back Yard 1/28/2013
Metals mg/kg *			
Arsenic	39	24.71	39.99
Barium	46,000	176.74	254.5
Cadmium	210	ND	ND
Chromium(III)	350,000	122.15	226.16
Lead	400	134.22	262
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	59	120
Benzo(a)pyrene	1,500	60	110
Benzo(b)fluoranthene	15,000	92	150
Benzo(k)fluoranthene	150,000	33	97
Chrysene	1,500,000	79	150
Dibenz(a,h)anthracene	1,500	17 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	36	68 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 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

HP0182
012300073010010000

		HP0182A-CS-SP Front Yard 1/17/2013	HP0182B-CS-SP Back Yard 1/17/2013
	RML		
Metals mg/kg *			
Arsenic	39	36.1	14.61
Barium	46,000	227.03	176.05
Cadmium	210	ND	ND
Chromium(III)	350,000	108.2	118.88
Lead	400	87.6	64.83
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	250
Benzo(a)pyrene	1,500	93	220
Benzo(b)fluoranthene	15,000	170	340
Benzo(k)fluoranthene	150,000	38	150
Chrysene	1,500,000	130	220
Dibenz(a,h)anthracene	1,500	29	58
Indeno(1,2,3-c,d)pyrene	15,000	65	140

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0185
012300073010008000

	RML	HP0185A-CS Front Yard 1/7/2013	HP0185A-CS-CSD Front Yard 1/7/2013	HP0185B-CS Back Yard 1/7/2013
Metals mg/kg *				
Arsenic	39	27.8	NA	23.05
Barium	46,000	218.43	NA	140.61
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	104.44	NA	99.48
Lead	400	93.66	NA	125.73
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	120	120	440
Benzo(a)pyrene	1,500	160	160	630
Benzo(b)fluoranthene	15,000	330	340	1,200
Benzo(k)fluoranthene	150,000	92	110	430
Chrysene	1,500,000	260	290	630
Dibenz(a,h)anthracene	1,500	ND	46 J	150
Indeno(1,2,3-c,d)pyrene	15,000	79 J	92	340

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0187
012300073010007000

	RML	HP0187A-CS Front Yard 1/7/2013	HP0187B-CS Back Yard 1/7/2013
Metals mg/kg *			
Arsenic	39	23.89	31.38
Barium	46,000	196.06	237.91
Cadmium	210	ND	2.1
Chromium(III)	350,000	79.81	63.38
Lead	400	238.81	512.4
Mercury (elemental)	30	ND	0.14
Selenium	1,200	ND	ND
Silver	1,200	ND	0.38 J
PAHs µg/kg			
Benz(a)anthracene	15,000	2,700	700
Benzo(a)pyrene	1,500	4,400	1,100
Benzo(b)fluoranthene	15,000	7,500	1,800
Benzo(k)fluoranthene	150,000	3,200	740
Chrysene	1,500,000	3,700	840
Dibenz(a,h)anthracene	1,500	1,300	300
Indeno(1,2,3-c,d)pyrene	15,000	2,400	600

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0188
012300073008025000

	RML	HP0188A-CS Front Yard 1/11/2013	HP0188B-CS Side Yard 1/11/2013
Metals mg/kg *			
Arsenic	39	9.25	27.6
Barium	46,000	128.55	154.86
Cadmium	210	ND	ND
Chromium(III)	350,000	85.03	86.2
Lead	400	84.16	214.52
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	640	200
Benzo(a)pyrene	1,500	960	220
Benzo(b)fluoranthene	15,000	2,000	420
Benzo(k)fluoranthene	150,000	590	120
Chrysene	1,500,000	800	210
Dibenz(a,h)anthracene	1,500	320	70 J
Indeno(1,2,3-c,d)pyrene	15,000	820	180

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0194
012300073008030000

		HP0194A-CS-SP Front Yard 1/10/2013	HP0194B-CS-SP Back Yard 1/10/2013
	RML		
Metals mg/kg *			
Arsenic	39	31.35	19
Barium	46,000	46.29	124.36
Cadmium	210	ND	ND
Chromium(III)	350,000	72.98	106.85
Lead	400	286.2	129.43
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100 J	100 J
Benzo(a)pyrene	1,500	120 J	120 J
Benzo(b)fluoranthene	15,000	200 J	210 J
Benzo(k)fluoranthene	150,000	78 J	77 J
Chrysene	1,500,000	170 J	140 J
Dibenz(a,h)anthracene	1,500	23 J	25 J
Indeno(1,2,3-c,d)pyrene	15,000	77 J	72 J

Notes:

CS	Composite sample
EPA	U.S. Environmental Protection Agency
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0198
012300073008032000

		HP0198A-CS-SP Front Yard 1/24/2013	HP0198B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	22.29	23.68
Barium	46,000	177.94	221.7
Cadmium	210	ND	ND
Chromium(III)	350,000	118.34	111.6
Lead	400	122.45	236.75
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	83	88
Benzo(a)pyrene	1,500	77	77
Benzo(b)fluoranthene	15,000	130	140
Benzo(k)fluoranthene	150,000	51	60
Chrysene	1,500,000	100	97
Dibenz(a,h)anthracene	1,500	19 J	24
Indeno(1,2,3-c,d)pyrene	15,000	58	53

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
HP Harriman Park Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0203
012300073009023000

		HP0203A-CS-SP Front Yard 1/24/2013	HP0203B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	17.23	18.24
Barium	46,000	190.79	399.31
Cadmium	210	ND	19.18
Chromium(III)	350,000	113.83	129.66
Lead	400	103.69	90.77
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	11.76
PAHs µg/kg			
Benz(a)anthracene	15,000	130	29
Benzo(a)pyrene	1,500	130	27
Benzo(b)fluoranthene	15,000	250	54
Benzo(k)fluoranthene	150,000	84	21
Chrysene	1,500,000	270	43
Dibenz(a,h)anthracene	1,500	26 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	72 J	19 J

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0204
012300073009022000

	RML	HP0204A-CS Front Yard 1/8/2013	HP0204B-CS Back Yard 1/8/2013	HP0204C-CS Veg Garden 1/8/2013
Metals mg/kg *				
Arsenic	39	51	83.5	14.17
Barium	46,000	470	870	82.16
Cadmium	210	1.2	3.4	ND
Chromium(III)	350,000	110.72	191.97	106.04
Lead	400	241.19	1,200	158.17
Mercury (elemental)	30	12.65	9.16	ND
Selenium	1,200	8.65	5.03	ND
Silver	1,200	ND	1.9	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	98	200	62
Benzo(a)pyrene	1,500	110	210	57
Benzo(b)fluoranthene	15,000	190	320	140
Benzo(k)fluoranthene	150,000	53 J	130	51
Chrysene	1,500,000	170	270	120
Dibenz(a,h)anthracene	1,500	ND	ND	13
Indeno(1,2,3-c,d)pyrene	15,000	78 J	160	17

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0205
012300073009010000

	RML	HP0205A-CS Front Yard 1/8/2013	HP0205B-CS Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	28.52	20.83
Barium	46,000	314.03	267.71
Cadmium	210	ND	ND
Chromium(III)	350,000	135.02	115.6
Lead	400	122.9	116.72
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	3,800	360
Benzo(a)pyrene	1,500	3,000	350
Benzo(b)fluoranthene	15,000	4,000	560
Benzo(k)fluoranthene	150,000	2,000	240
Chrysene	1,500,000	3,600	390
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	1,400	140

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0218
012300073006017000

		HP0218A-CS-SP Front Yard 1/21/2013	HP0218B-CS-SP Back Yard 1/21/2013
	RML		
Metals mg/kg *			
Arsenic	39	64.97	60.01
Barium	46,000	205.6	360
Cadmium	210	ND	1.5
Chromium(III)	350,000	136.14	193.42
Lead	400	1,654.02	356.13
Mercury (elemental)	30	ND	0.29
Selenium	1,200	ND	4 J
Silver	1,200	ND	0.19 J
PAHs µg/kg			
Benz(a)anthracene	15,000	510	400
Benzo(a)pyrene	1,500	570	270
Benzo(b)fluoranthene	15,000	990	560
Benzo(k)fluoranthene	150,000	350	180
Chrysene	1,500,000	700	790
Dibenz(a,h)anthracene	1,500	160	150
Indeno(1,2,3-c,d)pyrene	15,000	410	250

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0220
012300073008015000

	RML	HP0220A-CS-SP Front/ Side Yard 1/17/2013	HP0220B-CS-SP Back Yard 1/17/2013
Metals mg/kg *			
Arsenic	39	37.47	32.71
Barium	46,000	345.09	178.83
Cadmium	210	ND	ND
Chromium(III)	350,000	139.05	127.05
Lead	400	180.19	178.27
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	77	77
Benzo(a)pyrene	1,500	77	67
Benzo(b)fluoranthene	15,000	140	120
Benzo(k)fluoranthene	150,000	47	48
Chrysene	1,500,000	160	150
Dibenz(a,h)anthracene	1,500	42 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	66 J	52

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
HP Harriman Park Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0231
012300073008009000

	RML	HP0231A-CS-SP Side Yard 1/10/2013	HP0231B-CS-SP Side Yard 1/10/2013
Metals mg/kg *			
Arsenic	39	11.31	18.61
Barium	46,000	109.3	351.45
Cadmium	210	ND	ND
Chromium(III)	350,000	51.69	80.22
Lead	400	108.54	63.63
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110 J	38 J
Benzo(a)pyrene	1,500	160 J	53 J
Benzo(b)fluoranthene	15,000	270 J	100 J
Benzo(k)fluoranthene	150,000	96 J	31 J
Chrysene	1,500,000	170 J	59 J
Dibenz(a,h)anthracene	1,500	28 J	10 J
Indeno(1,2,3-c,d)pyrene	15,000	93 J	32 J

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
HP Harriman Park Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0233
012300073008008000

		HP0233A-CS-SP Front Yard 1/10/2013	HP0233B-CS-SP Back Yard 1/10/2013
	RML		
Metals mg/kg *			
Arsenic	39	21.51	6.64
Barium	46,000	143.81	281.77
Cadmium	210	ND	ND
Chromium(III)	350,000	69.73	55.41
Lead	400	109.8	13.77
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130 J	ND
Benzo(a)pyrene	1,500	180 J	ND
Benzo(b)fluoranthene	15,000	290 J	ND
Benzo(k)fluoranthene	150,000	140 J	ND
Chrysene	1,500,000	200 J	ND
Dibenz(a,h)anthracene	1,500	34 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	91 J	ND

Notes:

CS Composite sample
EPA U.S. Environmental Protection Agency
HP Harriman Park Neighborhood
J Estimated value
µg/kg Micrograms per kilogram
mg/kg Milligrams per kilogram
ND Not detected
PAHs Polycyclic aromatic hydrocarbons
RML EPA Regional Removal Management Levels, dated December 2012
SP Split sample
XRF X-ray fluorescence
* Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0239
012300073006025000

	RML	HP0239A-CS Vacant Lot 1/21/2013	HP0239B-CS Vacant Lot 1/21/2013
Metals mg/kg *			
Arsenic	39	29.9	25.36
Barium	46,000	216.33	147.12
Cadmium	210	ND	ND
Chromium(III)	350,000	124.76	131.06
Lead	400	160.84	209.23
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	97	240
Benzo(a)pyrene	1,500	81	130
Benzo(b)fluoranthene	15,000	160	250
Benzo(k)fluoranthene	150,000	48	74
Chrysene	1,500,000	180	300
Dibenz(a,h)anthracene	1,500	48 J	80 J
Indeno(1,2,3-c,d)pyrene	15,000	73 J	150

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0243
012300073008003001

HP0243A-CS Vacant Lot 1/22/2013	HP0243B-CS Vacant Lot 1/22/2013
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	RML		
Metals mg/kg *			
Arsenic	39	35.33	28.28
Barium	46,000	219.45	1,085.38
Cadmium	210	ND	ND
Chromium(III)	350,000	130.59	110.08
Lead	400	158.94	147.44
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	140
Benzo(a)pyrene	1,500	170	100
Benzo(b)fluoranthene	15,000	350	180
Benzo(k)fluoranthene	150,000	89	58
Chrysene	1,500,000	340	190
Dibenz(a,h)anthracene	1,500	74 J	50 J
Indeno(1,2,3-c,d)pyrene	15,000	200	110

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0245
012300073008003000

	RML	HP0245A-CS Vacant Lot 1/21/2013	HP0245B-CS Vacant Lot 1/21/2013
Metals mg/kg *			
Arsenic	39	20.88	25.03
Barium	46,000	164.1	190.2
Cadmium	210	ND	ND
Chromium(III)	350,000	118.99	138.66
Lead	400	119.16	130.32
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	76
Benzo(a)pyrene	1,500	150	70
Benzo(b)fluoranthene	15,000	310	120
Benzo(k)fluoranthene	150,000	94	48
Chrysene	1,500,000	340	100
Dibenz(a,h)anthracene	1,500	80 J	37 J
Indeno(1,2,3-c,d)pyrene	15,000	140	97

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0248
012300073008002000

	RML	HP0248A-CS Front Yard 1/8/2013	HP0248B-CS Back Yard 1/8/2013
Metals mg/kg *			
Arsenic	39	32.33	28.06
Barium	46,000	222.78	259.65
Cadmium	210	ND	ND
Chromium(III)	350,000	123.28	152.09
Lead	400	158.01	88.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	98	ND
Benzo(a)pyrene	1,500	89 J	ND
Benzo(b)fluoranthene	15,000	190	59 J
Benzo(k)fluoranthene	150,000	60 J	26 J
Chrysene	1,500,000	180	70 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	63 J	ND

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0252
012300073009008000

	RML	HP0252A-CS Vacant Lot 1/16/2013	HP0252B-CS Vacant Lot 1/16/2013
Metals mg/kg *			
Arsenic	39	32.56	51
Barium	46,000	184.71	549.55
Cadmium	210	ND	1.8
Chromium(III)	350,000	171.21	155.59
Lead	400	117.11	300.7
Mercury (elemental)	30	ND	0.21
Selenium	1,200	ND	3
Silver	1,200	ND	7
PAHs µg/kg			
Benz(a)anthracene	15,000	130	15,000
Benzo(a)pyrene	1,500	190	14,000
Benzo(b)fluoranthene	15,000	370	24,000
Benzo(k)fluoranthene	150,000	120	6,200
Chrysene	1,500,000	170	14,000
Dibenz(a,h)anthracene	1,500	16	3,400
Indeno(1,2,3-c,d)pyrene	15,000	70	10,000

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0254
012300073009007000

	RML	HP0254A-CS Front Yard 1/17/2013	HP0254B-CS Back Yard 1/17/2013
Metals mg/kg *			
Arsenic	39	33.76	34.4
Barium	46,000	302.13	297.48
Cadmium	210	ND	ND
Chromium(III)	350,000	179.05	150.2
Lead	400	78.39	148.1
Mercury (elemental)	30	9.5	8.19
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	53	53
Benzo(a)pyrene	1,500	40	40
Benzo(b)fluoranthene	15,000	98	80
Benzo(k)fluoranthene	150,000	27	27
Chrysene	1,500,000	110	74
Dibenz(a,h)anthracene	1,500	15 J	17 J
Indeno(1,2,3-c,d)pyrene	15,000	35	37

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0256
012300073009006000

		HP0256A-CS-SP Front Yard 1/24/2013	HP0256B-CS-SP Back Yard 1/24/2013
	RML		
Metals mg/kg *			
Arsenic	39	42.72	25.19
Barium	46,000	211.22	248.24
Cadmium	210	ND	ND
Chromium(III)	350,000	159.48	139.86
Lead	400	63.81	94.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	77	62
Benzo(a)pyrene	1,500	65	48
Benzo(b)fluoranthene	15,000	160	96
Benzo(k)fluoranthene	150,000	45	23
Chrysene	1,500,000	160	91
Dibenz(a,h)anthracene	1,500	19 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	42	32

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 SP Split sample
 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

HP0267
012300073006011000

		HP0267A-CS-SP Front Yard 1/10/2013	HP0267B-CS-SP Back Yard 1/10/2013
	RML		
Metals mg/kg *			
Arsenic	39	26.58	15.59
Barium	46,000	199.95	146.64
Cadmium	210	ND	ND
Chromium(III)	350,000	115.49	92.93
Lead	400	180.78	87.69
Mercury (elemental)	30	13.6	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150 J	100 J
Benzo(a)pyrene	1,500	180 J	130 J
Benzo(b)fluoranthene	15,000	300 J	220 J
Benzo(k)fluoranthene	150,000	92 J	80 J
Chrysene	1,500,000	200 J	160 J
Dibenz(a,h)anthracene	1,500	36 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	130 J	58 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0272
012300073006008000

		HP0272A-CS-SP Front Yard 1/23/2013	HP0272B-CS-SP Back Yard 1/23/2013
	RML		
Metals mg/kg *			
Arsenic	39	20.69	29.57
Barium	46,000	243.59	247.19
Cadmium	210	ND	ND
Chromium(III)	350,000	109.85	133.5
Lead	400	145.01	349.45
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	81	260
Benzo(a)pyrene	1,500	72	200
Benzo(b)fluoranthene	15,000	140	390
Benzo(k)fluoranthene	150,000	44	130
Chrysene	1,500,000	160	320
Dibenz(a,h)anthracene	1,500	28	78 J
Indeno(1,2,3-c,d)pyrene	15,000	68	170

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0274
012300073006006000

	RML	HP0274A-CS Front Yard 1/21/2013	HP0274B-CS Back Yard 1/21/2013
Metals mg/kg *			
Arsenic	39	28.49	33.53
Barium	46,000	130.86	270
Cadmium	210	ND	1.8
Chromium(III)	350,000	115.75	163.94
Lead	400	155.4	280
Mercury (elemental)	30	ND	0.22
Selenium	1,200	ND	2.7 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	220
Benzo(a)pyrene	1,500	94	120
Benzo(b)fluoranthene	15,000	170	270
Benzo(k)fluoranthene	150,000	42	68
Chrysene	1,500,000	180	370
Dibenz(a,h)anthracene	1,500	37	49 J
Indeno(1,2,3-c,d)pyrene	15,000	68	110

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0275
012300073006005000

	RML	HP0275A-CS Front Yard 1/28/2013	HP0275B-CS Back Yard 1/28/2013
Metals mg/kg *			
Arsenic	39	14.39	12.68
Barium	46,000	223.43	196.31
Cadmium	210	ND	ND
Chromium(III)	350,000	128.74	99.73
Lead	400	82	136.06
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	71	110
Benzo(a)pyrene	1,500	61	120
Benzo(b)fluoranthene	15,000	110	230
Benzo(k)fluoranthene	150,000	47	55
Chrysene	1,500,000	130	200
Dibenz(a,h)anthracene	1,500	20 J	32
Indeno(1,2,3-c,d)pyrene	15,000	39	74

Notes:

CS Composite sample
 EPA U.S. Environmental Protection Agency
 HP Harriman Park Neighborhood
 J Estimated value
 µg/kg Micrograms per kilogram
 mg/kg Milligrams per kilogram
 ND Not detected
 PAHs Polycyclic aromatic hydrocarbons
 RML EPA Regional Removal Management Levels, dated December 2012
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0280
012300073005010000

	RML	HP0280A-CS Front/Side Yard 1/28/2013	HP0280B-CS Back Yard 1/28/2013	HP0280C-CS Side Yard 1/28/2013
Metals mg/kg *				
Arsenic	39	19.95	25.47	8.55
Barium	46,000	268.7	200.91	403.65
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	133.51	130.52	99.67
Lead	400	100.18	186.79	54.46
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	130	140	36
Benzo(a)pyrene	1,500	130	170	26
Benzo(b)fluoranthene	15,000	200	360	40
Benzo(k)fluoranthene	150,000	63	120	22
Chrysene	1,500,000	150	220	45
Dibenz(a,h)anthracene	1,500	42	53	11 J
Indeno(1,2,3-c,d)pyrene	15,000	90	100	20 J

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0290
012300073011018000

	RML	HP0290A-CS-SP	HP0290B-CS-SP
		Front Yard 1/7/2013	Back Yard 1/7/2013
Metals mg/kg *			
Arsenic	39	23.36	26.44
Barium	46,000	211.83	260.77
Cadmium	210	ND	ND
Chromium(III)	350,000	97.65	88.31
Lead	400	107.25	176.28
Mercury (elemental)	30	8.09	ND
Selenium	1,200	ND	4.54
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	190	110
Benzo(a)pyrene	1,500	220	100
Benzo(b)fluoranthene	15,000	410	200
Benzo(k)fluoranthene	150,000	120	100
Chrysene	1,500,000	310	180
Dibenz(a,h)anthracene	1,500	48 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	86	ND

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0292
012300073011016000

	RML	HP0292A-CS Front Yard 1/16/2013	HP0292B-CS Back Yard 1/16/2013	HP0292C-CS Back Yard 1/16/2013
Metals mg/kg *				
Arsenic	39	19.42	38	20.88
Barium	46,000	240.88	500	244.79
Cadmium	210	ND	2.4	ND
Chromium(III)	350,000	131.96	127.34	132
Lead	400	126.14	330	267.4
Mercury (elemental)	30	8.29	0.3	ND
Selenium	1,200	5.04	3.87	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	240	110	180
Benzo(a)pyrene	1,500	210	93	150
Benzo(b)fluoranthene	15,000	360	140	260
Benzo(k)fluoranthene	150,000	100	43	100
Chrysene	1,500,000	290	110	220
Dibenz(a,h)anthracene	1,500	71	34	55
Indeno(1,2,3-c,d)pyrene	15,000	160	56	140

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0295
012300073011013000

	HP0295A-CS-SP Front Yard 1/22/2013	HP0295B-CS-SP Back Yard 1/23/2013
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	RML		
Metals mg/kg *			
Arsenic	39	28.4	12.95
Barium	46,000	282.65	456.6
Cadmium	210	ND	ND
Chromium(III)	350,000	127.17	108.68
Lead	400	109.92	69.17
Mercury (elemental)	30	ND	ND
Selenium	1,200	6.04	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	19,000	75
Benzo(a)pyrene	1,500	17,000	54
Benzo(b)fluoranthene	15,000	21,000	96
Benzo(k)fluoranthene	150,000	12,000	35
Chrysene	1,500,000	20,000	90
Dibenz(a,h)anthracene	1,500	5,400	21 J
Indeno(1,2,3-c,d)pyrene	15,000	19,000	51

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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

HP0300
012300073007009000

		HP0300A-CS Front Yard 1/18/2013	HP0300B-CS Back Yard 1/18/2013	HP0300B-CSD Back Yard 1/18/2013
	RML			
Metals mg/kg *				
Arsenic	39	19.84	24.86	NA
Barium	46,000	172.63	220.89	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	111.73	93.91	NA
Lead	400	118.8	187.03	NA
Mercury (elemental)	30	ND	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	ND	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	350	77	61
Benzo(a)pyrene	1,500	630	56	45
Benzo(b)fluoranthene	15,000	1,100	110	80
Benzo(k)fluoranthene	150,000	490	37	26
Chrysene	1,500,000	780	100	79
Dibenz(a,h)anthracene	1,500	170	16 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	320	56	42

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0301
012300073007008000

	RML	HP0301A-CS Empty Lot 1/18/2013	HP0301A-CSD Empty Lot 1/18/2013
Metals mg/kg *			
Arsenic	39	17.16	NA
Barium	46,000	111.84	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	93.54	NA
Lead	400	89.68	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	130	140
Benzo(a)pyrene	1,500	85	120
Benzo(b)fluoranthene	15,000	160	210
Benzo(k)fluoranthene	150,000	56	54
Chrysene	1,500,000	180	200
Dibenz(a,h)anthracene	1,500	29	37
Indeno(1,2,3-c,d)pyrene	15,000	51	57

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
HP	Harriman Park Neighborhood
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0305
012300073007004000

	RML	HP0305A-CS Shuttlesworth Dr Front Yard 1/24/2013	HP0305A-CSD Shuttlesworth Dr Front Yard 1/24/2013	HP0305B-CS Shuttlesworth Dr Side Yard 1/24/2013	HP0305C-GS Shuttlesworth Dr Playset 1/24/2013
Metals mg/kg *					
Arsenic	39	23.86	NA	21.59	22.94
Barium	46,000	222.52	NA	284.31	250.32
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	145.31	NA	131.42	146.07
Lead	400	102.38	NA	141.71	93.71
Mercury (elemental)	30	ND	NA	ND	ND
Selenium	1,200	ND	NA	ND	ND
Silver	1,200	ND	NA	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	410	370	170	240
Benzo(a)pyrene	1,500	340	340	140	200
Benzo(b)fluoranthene	15,000	560	520	210	330
Benzo(k)fluoranthene	150,000	220	240	75	79
Chrysene	1,500,000	450	430	200	240
Dibenz(a,h)anthracene	1,500	110	100	40	60
Indeno(1,2,3-c,d)pyrene	15,000	250	280	100	130

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0307
012300073007002000

	RML	HP0307A-CS Shuttlesworth Dr Front Yard 1/17/2013	HP0307B-CS Shuttlesworth Dr Side Yard 1/17/2013	HP0307C-CS Shuttlesworth Dr Back Yard 1/17/2013	HP0307D-CS Shuttlesworth Dr Side Yard 1/17/2013
Metals mg/kg *					
Arsenic	39	18.64	30.97	22.12	29.57
Barium	46,000	67.09	ND	ND	170
Cadmium	210	ND	ND	ND	2.5
Chromium(III)	350,000	119.21	105.65	101.89	171.48
Lead	400	84.76	159.74	124.85	241.51
Mercury (elemental)	30	ND	ND	ND	0.22
Selenium	1,200	ND	ND	ND	3.9
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	96	690	120	240
Benzo(a)pyrene	1,500	110	510	150	190
Benzo(b)fluoranthene	15,000	160	740	180	260
Benzo(k)fluoranthene	150,000	59	280	68	98
Chrysene	1,500,000	150	590	130	290
Dibenz(a,h)anthracene	1,500	61	180	59	59
Indeno(1,2,3-c,d)pyrene	15,000	100	410	150	130

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0320
012200131009001000

	RML	HP0320A-CS School 1/21/2013	HP0320B-CS School 1/21/2013	HP0320C-CS School 1/21/2013	HP0320D-CS School 1/21/2013
Metals mg/kg *					
Arsenic	39	21.05	18	23.82	21.56
Barium	46,000	166.55	130	50.14	43.05
Cadmium	210	ND	1	ND	ND
Chromium(III)	350,000	127.72	91 J	93.61	102.56
Lead	400	101.04	340	158.31	72.06
Mercury (elemental)	30	ND	0.2 J	ND	ND
Selenium	1,200	ND	2.5 J	ND	ND
Silver	1,200	ND	0.7 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	460	370	910	320
Benzo(a)pyrene	1,500	380	340	1,100	270
Benzo(b)fluoranthene	15,000	570	560	1,900	460
Benzo(k)fluoranthene	150,000	260	160	880	230
Chrysene	1,500,000	550	520	1,200	460
Dibenz(a,h)anthracene	1,500	130	120	360	110 J
Indeno(1,2,3-c,d)pyrene	15,000	300	240	1,000	240

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

HP0320
012200131009001000

	RML	HP0320E-CS School 1/21/2013	HP0320F-CS School 1/21/2013	HP0320G-CS School 1/21/2013	HP0320H-CS School 1/21/2013
Metals mg/kg *					
Arsenic	39	16.89	15.98	14.76	13.47
Barium	46,000	88.53	132.91	79.34	183.57
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	87.34	90.65	82.72	89.25
Lead	400	87.49	79.36	73.46	67.28
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	1,100	220	280	100
Benzo(a)pyrene	1,500	910	240	190	96
Benzo(b)fluoranthene	15,000	1,600	400	330	150
Benzo(k)fluoranthene	150,000	550	120	100	62
Chrysene	1,500,000	1,300	280	270	130
Dibenz(a,h)anthracene	1,500	330	120	92 J	34
Indeno(1,2,3-c,d)pyrene	15,000	820	290	200	100

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

HP0320
012200131009001000

	RML	HP0320I-CS School 1/21/2013	HP0320J-CS School 1/21/2013	HP0320K-CS School 1/21/2013	HP0320L-GS School 1/21/2013
Metals mg/kg *					
Arsenic	39	17.51	13.06	17.57	6.72
Barium	46,000	44.9	48.95	51.96	66.67
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	109.56	111.71	105.49	137.96
Lead	400	145.41	76.09	188.2	31.08
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	6.5
PAHs µg/kg					
Benz(a)anthracene	15,000	370	1,400	5,300	22
Benzo(a)pyrene	1,500	260	960	3,900	9.3 J
Benzo(b)fluoranthene	15,000	430	1,600	6,400	15
Benzo(k)fluoranthene	150,000	160	530	2,000	6.8 J
Chrysene	1,500,000	410	1,500	5,000	11
Dibenz(a,h)anthracene	1,500	130	310	1,200	ND
Indeno(1,2,3-c,d)pyrene	15,000	260	640	3,000	9.6 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

HP0320
012200131009001000

	RML	HP0320M-GS School 1/21/2013	HP0320N-GS School 1/21/2013	HP0320O-GS School 1/21/2013	HP0320P-GS School 1/21/2013
Metals mg/kg *					
Arsenic	39	15.9	20.69	7.63	21.65
Barium	46,000	329.83	ND	ND	265.05
Cadmium	210	15.03	ND	ND	ND
Chromium(III)	350,000	117.49	92.37	143.86	146.28
Lead	400	24.79	64.73	84.25	108.31
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	65	120	640	130
Benzo(a)pyrene	1,500	58	67 J	540	110
Benzo(b)fluoranthene	15,000	96	100	900	170
Benzo(k)fluoranthene	150,000	40	48 J	400	67
Chrysene	1,500,000	78	85	830	170
Dibenz(a,h)anthracene	1,500	16 J	ND	180	30 J
Indeno(1,2,3-c,d)pyrene	15,000	37	68 J	470	100 J

Notes:

CS	Composite sample
CSD	Composite sample, duplicate
EPA	U.S. Environmental Protection Agency
GS	Grab Sample
HP	Harriman Park Neighborhood
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal Management Levels, dated December 2012
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

HP0320
012200131009001000

	RML	HP0320Q-CS School 1/21/2013	HP0320Q-CSD School 1/21/2013	HP0320R-CS School 1/21/2013	HP0320R-CSD School 1/21/2013
Metals mg/kg *					
Arsenic	39	13.85	NA	16.1	NA
Barium	46,000	49.78	NA	188.94	NA
Cadmium	210	ND	NA	ND	NA
Chromium(III)	350,000	92.63	NA	112.61	NA
Lead	400	65.32	NA	146.5	NA
Mercury (elemental)	30	ND	NA	ND	NA
Selenium	1,200	ND	NA	ND	NA
Silver	1,200	ND	NA	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	54	49	180 J	94 J
Benzo(a)pyrene	1,500	40	35	180 J	67 J
Benzo(b)fluoranthene	15,000	76	73	270 J	110 J
Benzo(k)fluoranthene	150,000	23	14	130 J	35 J
Chrysene	1,500,000	69	63	260 J	99 J
Dibenz(a,h)anthracene	1,500	18 J	14 J	58	25 J
Indeno(1,2,3-c,d)pyrene	15,000	32	36	140 J	54 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0320
012200131009001000

	HP0320S-CS School 1/21/2013	HP0320T-CS School 1/21/2013
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	RML		
Metals mg/kg *			
Arsenic	39	15.07	16.22
Barium	46,000	161.87	210.76
Cadmium	210	ND	ND
Chromium(III)	350,000	110.39	135.69
Lead	400	69.14	67.35
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	60	73
Benzo(a)pyrene	1,500	42	60
Benzo(b)fluoranthene	15,000	78	90
Benzo(k)fluoranthene	150,000	24	57
Chrysene	1,500,000	80	100
Dibenz(a,h)anthracene	1,500	16 J	21 J
Indeno(1,2,3-c,d)pyrene	15,000	35	50

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- 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

HP0326
012200124006002000

	RML	HP0326A-CS-SP Vacant Lot 1/22/2013	HP0326B-CS-SP Vacant Lot 1/22/2013
Metals mg/kg *			
Arsenic	39	44.25	23.41
Barium	46,000	58.58	42.35
Cadmium	210	ND	ND
Chromium(III)	350,000	160.3	105.75
Lead	400	286.64	184.9
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	470
Benzo(a)pyrene	1,500	190	340
Benzo(b)fluoranthene	15,000	350	610
Benzo(k)fluoranthene	150,000	110	170
Chrysene	1,500,000	310	530
Dibenz(a,h)anthracene	1,500	83 J	130
Indeno(1,2,3-c,d)pyrene	15,000	170	290

Notes:

- CS Composite sample
- EPA U.S. Environmental Protection Agency
- HP Harriman Park Neighborhood
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- SP Split sample
- 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