

CV0005
012200133001045002

	RML	CV0005A-CS Housing Project 2/7/2013	CV0005B-CS Housing Project 2/7/2013	CV0005B-CSD Housing Project 2/7/2013	CV0005C-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	20.7	15.62	NA	15.96
Barium	46,000	ND	185.35	NA	291.45
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	134.09	118.51	NA	133.9
Lead	400	126.59	119.49	NA	131.01
Mercury (elemental)	30	ND	ND	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	300	270	100
Benzo(a)pyrene	1,500	130	230	160	93
Benzo(b)fluoranthene	15,000	200	320	250	150
Benzo(k)fluoranthene	150,000	68	120	120	62
Chrysene	1,500,000	200	280	240	100
Dibenz(a,h)anthracene	1,500	48	64	51	18 J
Indeno(1,2,3-c,d)pyrene	15,000	120	190	150	58

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
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	RML	CV0005D-CS Housing Project 2/7/2013	CV0005E-CS Housing Project 2/7/2013	CV0005E-CSD Housing Project 2/7/2013	CV0005F-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	28.9	31.46	NA	20.57
Barium	46,000	290	377.8	NA	ND
Cadmium	210	1.8	ND	NA	ND
Chromium(III)	350,000	106.78	132.5	NA	106.5
Lead	400	250	434.78	NA	271.12
Mercury (elemental)	30	0.38	ND	NA	ND
Selenium	1,200	1.5 J	ND	NA	ND
Silver	1,200	0.47 J	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	240	160 J	730 J	390
Benzo(a)pyrene	1,500	250	190 J	820 J	400
Benzo(b)fluoranthene	15,000	440	290 J	1400 J	570
Benzo(k)fluoranthene	150,000	130	120 J	440 J	230
Chrysene	1,500,000	270	200 J	810 J	420
Dibenz(a,h)anthracene	1,500	58	39 J	180 J	78 J
Indeno(1,2,3-c,d)pyrene	15,000	160	120 J	490 J	290

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 - NA Not analyzed
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 - PAHs Polycyclic aromatic hydrocarbons
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	RML	CV0005G-CS Housing Project 2/7/2013	CV0005G-CSD Housing Project 2/7/2013	CV0005H-CS Housing Project 2/7/2013	CV0005I-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	18.73	NA	32.31	31.99
Barium	46,000	235.67	NA	130.54	350
Cadmium	210	ND	NA	ND	2.5
Chromium(III)	350,000	121.18	NA	130.81	117.33
Lead	400	178.1	NA	196.63	340
Mercury (elemental)	30	ND	NA	ND	0.35
Selenium	1,200	ND	NA	ND	1.5 J
Silver	1,200	ND	NA	ND	0.68 J
PAHs µg/kg					
Benz(a)anthracene	15,000	140 J	440 J	270	400
Benzo(a)pyrene	1,500	150 J	500 J	260	460
Benzo(b)fluoranthene	15,000	230 J	900 J	450	730
Benzo(k)fluoranthene	150,000	97	290 J	130	260
Chrysene	1,500,000	170 J	610 J	280	440
Dibenz(a,h)anthracene	1,500	33 J	110 J	51	90
Indeno(1,2,3-c,d)pyrene	15,000	99 J	310	160	240

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 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
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	RML	CV0005J-CS Housing Project 2/7/2013	CV0005J-CSD Housing Project 2/7/2013	CV0005K-CS Housing Project 2/7/2013	CV0005L-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	10.05	NA	12.76	15.78
Barium	46,000	244.51	NA	173.67	261.87
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	143.76	NA	98.89	99.95
Lead	400	104.33	NA	109.82	116.63
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	25 J	60 J	160	32
Benzo(a)pyrene	1,500	21 J	59 J	150	22
Benzo(b)fluoranthene	15,000	44 J	110 J	260	37
Benzo(k)fluoranthene	150,000	10 J	32 J	86	12
Chrysene	1,500,000	29 J	73 J	170	23
Dibenz(a,h)anthracene	1,500	5.3 J	16 J	35	5.7 J
Indeno(1,2,3-c,d)pyrene	15,000	13 J	47	86	15 J

Notes:

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 - 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
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	RML	CV0005M-CS Housing Project 2/7/2013	CV0005M-CSD Housing Project 2/7/2013	CV0005N-CS Housing Project 2/7/2013	CV0005O-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	20.73	NA	17.77	16.36
Barium	46,000	172.15	NA	234.96	78.44
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	100.77	NA	109.21	100.7
Lead	400	145.25	NA	116.92	100.61
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	110	170	180	180 J
Benzo(a)pyrene	1,500	120	160	190	180 J
Benzo(b)fluoranthene	15,000	200	270	310	310 J
Benzo(k)fluoranthene	150,000	61	79	110	97 J
Chrysene	1,500,000	110	170	190	190 J
Dibenz(a,h)anthracene	1,500	22	28	44	39
Indeno(1,2,3-c,d)pyrene	15,000	80	93	110	100 J

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 - GS Grab Sample
 - J Estimated value
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 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
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	RML	CV0005O-CSD Housing Project 2/7/2013	CV0005P-CS Housing Project 2/7/2013	CV0005Q-CS Housing Project 2/7/2013	CV0005R-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	NA	11.62	21.54	26.05
Barium	46,000	NA	124.72	88.48	102.98
Cadmium	210	NA	ND	ND	ND
Chromium(III)	350,000	NA	97.66	94.72	119.98
Lead	400	NA	102.87	210.04	197.57
Mercury (elemental)	30	NA	ND	ND	ND
Selenium	1,200	NA	ND	ND	ND
Silver	1,200	NA	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	85 J	110	320	370
Benzo(a)pyrene	1,500	75 J	130	370	270
Benzo(b)fluoranthene	15,000	120 J	200	570	390
Benzo(k)fluoranthene	150,000	38 J	62	180	200
Chrysene	1,500,000	93 J	130	360	400
Dibenz(a,h)anthracene	1,500	13 J	22	85 J	100 J
Indeno(1,2,3-c,d)pyrene	15,000	47 J	80	260	250

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 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
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	RML	CV0005R-CSD Housing Project 2/7/2013	CV0005S-CS Housing Project 2/7/2013	CV0005T-CS Housing Project 2/7/2013	CV0005T-CSD Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	NA	18.62	18.59	NA
Barium	46,000	NA	321.88	179.96	NA
Cadmium	210	NA	ND	ND	NA
Chromium(III)	350,000	NA	126.86	96.09	NA
Lead	400	NA	234.16	153.36	NA
Mercury (elemental)	30	NA	ND	ND	NA
Selenium	1,200	NA	ND	ND	NA
Silver	1,200	NA	ND	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	390	970	1,000	1,100
Benzo(a)pyrene	1,500	250	630	770	660
Benzo(b)fluoranthene	15,000	430	950	1,000	880
Benzo(k)fluoranthene	150,000	140	340	450	470
Chrysene	1,500,000	340	780	890	850
Dibenz(a,h)anthracene	1,500	77 J	190	220	190
Indeno(1,2,3-c,d)pyrene	15,000	230	460	550	520

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 - mg/kg Milligrams per kilogram
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 - ND Not detected
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	RML	CV0005U-CS Housing Project 2/7/2013	CV0005U-CSD Housing Project 2/7/2013	CV0005V-CS Housing Project 2/7/2013	CV0005W-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	20.18	NA	22.88	26.76
Barium	46,000	204.01	NA	132.59	132.27
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	119.62	NA	135.72	122.01
Lead	400	134.67	NA	199.75	255.39
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	840	1,100	770	670
Benzo(a)pyrene	1,500	780	710	870	620
Benzo(b)fluoranthene	15,000	1,000	1,100	1,400	950
Benzo(k)fluoranthene	150,000	420	380	340	350
Chrysene	1,500,000	750	830	740	640
Dibenz(a,h)anthracene	1,500	220	190	160	110
Indeno(1,2,3-c,d)pyrene	15,000	720	520	590	360

Notes:

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 - mg/kg Milligrams per kilogram
 - NA Not analyzed
 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
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	RML	CV0005X-CS Housing Project 2/7/2013	CV0005X-CSD Housing Project 2/7/2013	CV0005Y-CS Housing Project 2/7/2013	CV0005Z-CS Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	31.56	NA	28	20.92
Barium	46,000	412.65	NA	290	142.72
Cadmium	210	ND	NA	2.3	ND
Chromium(III)	350,000	138.45	NA	130.83	105.92
Lead	400	258.89	NA	410	280.59
Mercury (elemental)	30	ND	NA	0.27	ND
Selenium	1,200	ND	NA	ND	ND
Silver	1,200	ND	NA	0.56 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	400 J	1,400 J	510 J	270 J
Benzo(a)pyrene	1,500	310 J	810 J	350 J	220 J
Benzo(b)fluoranthene	15,000	580 J	1,300 J	610 J	370
Benzo(k)fluoranthene	150,000	150 J	450 J	210 J	110 J
Chrysene	1,500,000	470 J	960 J	450 J	310
Dibenz(a,h)anthracene	1,500	120	220	140	77 J
Indeno(1,2,3-c,d)pyrene	15,000	270 J	520 J	320 J	180

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 - mg/kg Milligrams per kilogram
 - NA Not analyzed
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 - PAHs Polycyclic aromatic hydrocarbons
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	RML	CV0005Z-CSD Housing Project 2/7/2013	CV0005AA-CS Housing Project 2/7/2013	CV0005BB-CS Housing Project 2/7/2013	CV0005BB-CSD Housing Project 2/7/2013
Metals mg/kg *					
Arsenic	39	NA	39.21	35.56	NA
Barium	46,000	NA	260	276.8	NA
Cadmium	210	NA	2.4	ND	NA
Chromium(III)	350,000	NA	121.14	129.27	NA
Lead	400	NA	450	381.08	NA
Mercury (elemental)	30	NA	0.29	ND	NA
Selenium	1,200	NA	1.5 J	ND	NA
Silver	1,200	NA	0.62 J	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	460 J	370	740 J	1,600 J
Benzo(a)pyrene	1,500	320 J	260	520 J	1,600 J
Benzo(b)fluoranthene	15,000	540	420	810 J	2,400 J
Benzo(k)fluoranthene	150,000	240 J	220	360 J	830 J
Chrysene	1,500,000	430	320	600 J	1,500 J
Dibenz(a,h)anthracene	1,500	100 J	79 J	150	260
Indeno(1,2,3-c,d)pyrene	15,000	260	170	340 J	880 J

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CV0005
012200133001045002

	CV0005AB-GS Housing Project 2/7/2013	CV0005AC-GS Housing Project 2/7/2013
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	RML		
Metals mg/kg *			
Arsenic	39	20.55	38.64
Barium	46,000	197.05	248.72
Cadmium	210	ND	ND
Chromium(III)	350,000	149	115.9
Lead	400	175.96	211.83
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	2,700
Benzo(a)pyrene	1,500	170	2,500
Benzo(b)fluoranthene	15,000	370	4,100
Benzo(k)fluoranthene	150,000	98	1,500
Chrysene	1,500,000	250	2,800
Dibenz(a,h)anthracene	1,500	51 J	480
Indeno(1,2,3-c,d)pyrene	15,000	120	1,500

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 - ND Not detected
 - PAHs Polycyclic aromatic hydrocarbons
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CV0008
012200133001045004

	RML	CV0008A-CS Housing Project 2/8/2013	CV0008B-CS Housing Project 2/8/2013	CV0008B-CSD Housing Project 2/8/2013	CV0008C-CS Housing Project 2/8/2013
Metals mg/kg *					
Arsenic	39	39.28	32.47	NA	32.39
Barium	46,000	167.48	141.82	NA	386.59
Cadmium	210	ND	ND	NA	14.19
Chromium(III)	350,000	171.34	114.28	NA	116.53
Lead	400	568.88	370.57	NA	367.84
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	7.49
PAHs µg/kg					
Benz(a)anthracene	15,000	170	650 J	250 J	680
Benzo(a)pyrene	1,500	160	390 J	240 J	450
Benzo(b)fluoranthene	15,000	300	630	450	800
Benzo(k)fluoranthene	150,000	88	230 J	140 J	270
Chrysene	1,500,000	240	700 J	360 J	720
Dibenz(a,h)anthracene	1,500	42 J	160	67 J	180
Indeno(1,2,3-c,d)pyrene	15,000	120	440 J	190 J	440

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CV0008
012200133001045004

	RML	CV0008D-CS Housing Project 2/8/2013	CV0008E-CS Housing Project 2/8/2013	CV0008F-CS Housing Project 2/8/2013	CV0008AB-GS Housing Project 2/8/2013
Metals mg/kg *					
Arsenic	39	24.57	44.15	38.23	31.46
Barium	46,000	64.39	216.66	158.45	795.34
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	126.04	151.58	119.93	198.84
Lead	400	260.14	489.35	445.28	1,172.37
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	390	520	270	440
Benzo(a)pyrene	1,500	420	300	270	500
Benzo(b)fluoranthene	15,000	650	510	480	930
Benzo(k)fluoranthene	150,000	290	160	130	270
Chrysene	1,500,000	460	490	370	610
Dibenz(a,h)anthracene	1,500	100	110	65 J	180
Indeno(1,2,3-c,d)pyrene	15,000	270	260	190	480

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CV0015
012200133001023000

	RML	CV0015A-CS Front Yard 2/19/2013	CV0015B-CS Back Yard 2/19/2013
Metals mg/kg *			
Arsenic	39	15.35	9.72
Barium	46,000	139.01	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	91.74	92.82
Lead	400	80.28	149.9
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	110
Benzo(a)pyrene	1,500	160 J	91 J
Benzo(b)fluoranthene	15,000	240	150
Benzo(k)fluoranthene	150,000	91	49
Chrysene	1,500,000	190 J	93 J
Dibenz(a,h)anthracene	1,500	63 J	37 J
Indeno(1,2,3-c,d)pyrene	15,000	110	59 J

Notes:

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- 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
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CV0016
012200132022008000

	RML	CV0016A-CS Vacant Lot 2/19/2013	CV0016A-CSD Vacant Lot 2/19/2013
Metals mg/kg *			
Arsenic	39	30	NA
Barium	46,000	240	NA
Cadmium	210	1.5	NA
Chromium(III)	350,000	95.44	NA
Lead	400	240	NA
Mercury (elemental)	30	0.29	NA
Selenium	1,200	1.3 J	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	780 J	360 J
Benzo(a)pyrene	1,500	650 J	270 J
Benzo(b)fluoranthene	15,000	1,100 J	450 J
Benzo(k)fluoranthene	150,000	500 J	280 J
Chrysene	1,500,000	860 J	380 J
Dibenz(a,h)anthracene	1,500	150	63 J
Indeno(1,2,3-c,d)pyrene	15,000	370	190

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, as applicable

CV0019
012200132023008000

CV0019A-CS-SP	CV0019B-CS-SP
Front Yard	Back Yard
2/4/2013	2/4/2013

	RML	CV0019A-CS-SP Front Yard 2/4/2013	CV0019B-CS-SP Back Yard 2/4/2013
Metals mg/kg *			
Arsenic	39	34.29	23.82
Barium	46,000	239.39	187.82
Cadmium	210	ND	ND
Chromium(III)	350,000	113.03	128.55
Lead	400	285.96	324.69
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	70	51
Benzo(a)pyrene	1,500	36	28
Benzo(b)fluoranthene	15,000	63	56
Benzo(k)fluoranthene	150,000	14	21
Chrysene	1,500,000	73	63
Dibenz(a,h)anthracene	1,500	13 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	29	28

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

CV0031
012200132018009000

	RML	CV0031A-CS Front Yard 2/4/2013	CV0031B-CS Back Yard 2/4/2013
Metals mg/kg *			
Arsenic	39	28.73	34 J
Barium	46,000	167.41	420
Cadmium	210	ND	14 J
Chromium(III)	350,000	356.78	110.02
Lead	400	295.28	790
Mercury (elemental)	30	ND	0.49 J
Selenium	1,200	ND	1.3 J
Silver	1,200	ND	2.4
PAHs µg/kg			
Benz(a)anthracene	15,000	280	190
Benzo(a)pyrene	1,500	270	140
Benzo(b)fluoranthene	15,000	400	230
Benzo(k)fluoranthene	150,000	140	80
Chrysene	1,500,000	280	140
Dibenz(a,h)anthracene	1,500	51	ND
Indeno(1,2,3-c,d)pyrene	15,000	150	67 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

CV0035
012200132019006003

CV0035A-CS-SP	CV0035B-CS-SP
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML		
Metals mg/kg *			
Arsenic	39	51	44
Barium	46,000	310	590
Cadmium	210	1.4	2.4
Chromium(III)	350,000	129.37	130.94
Lead	400	280	1,300
Mercury (elemental)	30	0.35	0.47
Selenium	1,200	2.4 J	2.4 J
Silver	1,200	0.24 J	0.83 J
PAHs µg/kg			
Benz(a)anthracene	15,000	320	770
Benzo(a)pyrene	1,500	320 J	760 J
Benzo(b)fluoranthene	15,000	680	1,600
Benzo(k)fluoranthene	150,000	200	640
Chrysene	1,500,000	570 J	1,400 J
Dibenz(a,h)anthracene	1,500	110	200
Indeno(1,2,3-c,d)pyrene	15,000	230	460

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
- 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

CV0036
012200132018011000

	RML	CV0036A-CS Front/Side Yard 2/27/2013	CV0036B-CS Back Yard 2/27/2013	CV0036B-CSD Back Yard 2/27/2013
Metals mg/kg *				
Arsenic	39	23.85	27 J	28 J
Barium	46,000	260.05	310	330
Cadmium	210	ND	3.6	4.5 J
Chromium(III)	350,000	119.24	116.13	59
Lead	400	301.54	400	400
Mercury (elemental)	30	ND	0.32	0.33
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	0.57 J	0.53 J
PAHs µg/kg				
Benz(a)anthracene	15,000	250	230	250
Benzo(a)pyrene	1,500	210	140	190
Benzo(b)fluoranthene	15,000	390	270	360
Benzo(k)fluoranthene	150,000	120	110 J	99
Chrysene	1,500,000	350	290	310
Dibenz(a,h)anthracene	1,500	69 J	76	48 J
Indeno(1,2,3-c,d)pyrene	15,000	140	98	120

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
- 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

CV0038
012200132018012000

CV0038A-CS-SP	CV0038B-CS-SP
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML	CV0038A-CS-SP Front Yard 2/19/2013	CV0038B-CS-SP Back Yard 2/19/2013
Metals mg/kg *			
Arsenic	39	20.2	162.29
Barium	46,000	228.29	1,300
Cadmium	210	ND	34
Chromium(III)	350,000	118.22	335.65
Lead	400	192.08	6,500
Mercury (elemental)	30	ND	0.38
Selenium	1,200	ND	2.2 J
Silver	1,200	ND	5.7
PAHs µg/kg			
Benz(a)anthracene	15,000	150	470
Benzo(a)pyrene	1,500	150 J	500 J
Benzo(b)fluoranthene	15,000	280	950
Benzo(k)fluoranthene	150,000	94	380
Chrysene	1,500,000	200 J	690 J
Dibenz(a,h)anthracene	1,500	29 J	150
Indeno(1,2,3-c,d)pyrene	15,000	100 J	340

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

CV0039
012200132019004000

	CV0039A-CS Front Yard 2/20/2013	CV0039B-CS Back Yard 2/20/2013
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	RML		
Metals mg/kg *			
Arsenic	39	22.62	24.14
Barium	46,000	280	198.96
Cadmium	210	2.3	ND
Chromium(III)	350,000	139.5	97.7
Lead	400	320	170.44
Mercury (elemental)	30	0.2	ND
Selenium	1,200	2.5 J	ND
Silver	1,200	0.36 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	130
Benzo(a)pyrene	1,500	160	94
Benzo(b)fluoranthene	15,000	260	160
Benzo(k)fluoranthene	150,000	110	48
Chrysene	1,500,000	270	180
Dibenz(a,h)anthracene	1,500	48	31
Indeno(1,2,3-c,d)pyrene	15,000	96	60

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

CV0045
012200132018016000

CV0045A-CS-SP Front/Side Yard 2/26/2013	CV0045B-CS-SP Back Yard 2/26/2013
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	RML	CV0045A-CS-SP Front/Side Yard 2/26/2013	CV0045B-CS-SP Back Yard 2/26/2013
Metals mg/kg *			
Arsenic	39	20.22	20.33
Barium	46,000	195.64	73.77
Cadmium	210	ND	ND
Chromium(III)	350,000	76.74	70.59
Lead	400	123.45	151.37
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	56	5,600
Benzo(a)pyrene	1,500	57 J	6,800 J
Benzo(b)fluoranthene	15,000	94	10,000
Benzo(k)fluoranthene	150,000	34	4,600
Chrysene	1,500,000	70 J	6,300 J
Dibenz(a,h)anthracene	1,500	9.4 J	1,300
Indeno(1,2,3-c,d)pyrene	15,000	36	4,200

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

CV0046
012200132018017000

CV0046A-CS-SP	CV0046B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML	CV0046A-CS-SP Front Yard 2/26/2013	CV0046B-CS-SP Back Yard 2/26/2013
Metals mg/kg *			
Arsenic	39	16.82	12.23
Barium	46,000	346.91	189.39
Cadmium	210	ND	ND
Chromium(III)	350,000	103.43	80.01
Lead	400	100.19	63.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	34
Benzo(a)pyrene	1,500	250 J	31 J
Benzo(b)fluoranthene	15,000	520	47
Benzo(k)fluoranthene	150,000	130	28
Chrysene	1,500,000	340 J	43 J
Dibenz(a,h)anthracene	1,500	84 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	180	22 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

CV0047
012200132018018000

CV0047A-CS-SP
Front Yard
2/26/2013

RML

Metals mg/kg *		
Arsenic	39	19.36
Barium	46,000	167.36
Cadmium	210	ND
Chromium(III)	350,000	97.76
Lead	400	113.3
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	180
Benzo(a)pyrene	1,500	170 J
Benzo(b)fluoranthene	15,000	260
Benzo(k)fluoranthene	150,000	92
Chrysene	1,500,000	220 J
Dibenz(a,h)anthracene	1,500	37 J
Indeno(1,2,3-c,d)pyrene	15,000	74 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

CV0074
012200134021004000

CV0074A-CS-SP	CV0074B-CS-SP
Front Yard	Back Yard
2/21/2013	2/21/2013

	RML	CV0074A-CS-SP Front Yard 2/21/2013	CV0074B-CS-SP Back Yard 2/21/2013
Metals mg/kg *			
Arsenic	39	24.66	45.25
Barium	46,000	157.51	550
Cadmium	210	ND	2.9
Chromium(III)	350,000	99.2	179.88
Lead	400	233.32	530
Mercury (elemental)	30	ND	0.38
Selenium	1,200	ND	4.9
Silver	1,200	ND	0.31 J
PAHs µg/kg			
Benz(a)anthracene	15,000	220	330
Benzo(a)pyrene	1,500	160 J	250 J
Benzo(b)fluoranthene	15,000	260	500
Benzo(k)fluoranthene	150,000	140	200
Chrysene	1,500,000	220 J	370 J
Dibenz(a,h)anthracene	1,500	60 J	85
Indeno(1,2,3-c,d)pyrene	15,000	110	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

CV0078
012200134009003000

CV0078A-CS-SP	CV0078B-CS-SP	CV0078C-CS-SP
Front Yard	Side Yard	Back Yard
2/27/2013	2/27/2013	2/27/2013

	RML			
Metals mg/kg *				
Arsenic	39	10.28	22.64	17.81
Barium	46,000	242.47	213.74	212.3
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	166.44	157.86	129.8
Lead	400	93.37	145.9	145.5
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	230	470	190
Benzo(a)pyrene	1,500	260	580	250
Benzo(b)fluoranthene	15,000	400	930	400
Benzo(k)fluoranthene	150,000	130	330	140
Chrysene	1,500,000	240	540	250
Dibenz(a,h)anthracene	1,500	55	120	64 J
Indeno(1,2,3-c,d)pyrene	15,000	170	360	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

CV0083
012200134010004000

	CV0083A-CS-SP Front Yard 2/4/2013	CV0083B-CS-SP Back Yard 2/4/2013	CV0083C-CS-SP Veg Garden 2/4/2013
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	RML			
Metals mg/kg *				
Arsenic	39	33.47	23.86	46.45
Barium	46,000	217.79	167.14	258.06
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	103.9	116.32	137.29
Lead	400	262.45	197.26	310.57
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	100	51	50
Benzo(a)pyrene	1,500	59	35	38
Benzo(b)fluoranthene	15,000	87	53	62
Benzo(k)fluoranthene	150,000	21 J	14	26
Chrysene	1,500,000	72	45	52
Dibenz(a,h)anthracene	1,500	90 U	9.8 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	53 J	24	29

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

CV0104
012200132020015000

	RML	CV0104A-CS Front Yard 2/21/2013	CV0104B-CS Side Yard 2/21/2013	CV0104C-CS Back Yard 2/21/2013
Metals mg/kg *				
Arsenic	39	15.16	19.17	17.71
Barium	46,000	87.19	146.26	73.03
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	62.36	109.51	82.37
Lead	400	162.18	186.36	171.4
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	810	2,900	1,000
Benzo(a)pyrene	1,500	990	3,600	1,200
Benzo(b)fluoranthene	15,000	1,900	6,400	2,200
Benzo(k)fluoranthene	150,000	490	2,200	690
Chrysene	1,500,000	1,100	3,600	1,200
Dibenz(a,h)anthracene	1,500	310	1,100	370
Indeno(1,2,3-c,d)pyrene	15,000	690	2,500	840

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

CV0109
012200132020017000

CV0109A-CS-SP Front yard 12/12/2012	CV0109B-CS-SP Back Yard 2/14/2013
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	RML	CV0109A-CS-SP Front yard 12/12/2012	CV0109B-CS-SP Back Yard 2/14/2013
Metals mg/kg *			
Arsenic	39	22.21	26.67
Barium	46,000	200.68	290
Cadmium	210	ND	4.3
Chromium(III)	350,000	96.52	183.94
Lead	400	163.65	10,000
Mercury (elemental)	30	ND	0.2
Selenium	1,200	ND	ND
Silver	1,200	ND	0.4 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	430
Benzo(a)pyrene	1,500	190	230
Benzo(b)fluoranthene	15,000	340	360
Benzo(k)fluoranthene	150,000	110	130
Chrysene	1,500,000	240	280
Dibenz(a,h)anthracene	1,500	24 J	110 J
Indeno(1,2,3-c,d)pyrene	15,000	65	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
- 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

CV0118
012200132020022000

CV0118A-CS-SP	CV0118B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML		
Metals mg/kg *			
Arsenic	39	18.46	54.81
Barium	46,000	234.12	845.62
Cadmium	210	ND	1.4
Chromium(III)	350,000	98.41	103.22
Lead	400	141.21	220
Mercury (elemental)	30	ND	0.27
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	290	110
Benzo(a)pyrene	1,500	250 J	110 J
Benzo(b)fluoranthene	15,000	400	240
Benzo(k)fluoranthene	150,000	160	58
Chrysene	1,500,000	390 J	230 J
Dibenz(a,h)anthracene	1,500	59	30
Indeno(1,2,3-c,d)pyrene	15,000	170	74

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

CV0119
012200131016005000

	RML	CV0119A-CS Front Yard 2/20/2013	CV0119B-CS Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	13.46	17.67
Barium	46,000	172.45	107.27
Cadmium	210	ND	ND
Chromium(III)	350,000	74.07	66.09
Lead	400	146.91	145.32
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	2,400 J	630
Benzo(a)pyrene	1,500	2,000 J	540
Benzo(b)fluoranthene	15,000	3,000	970
Benzo(k)fluoranthene	150,000	1,000 J	260
Chrysene	1,500,000	2,200 J	760
Dibenz(a,h)anthracene	1,500	360 J	130
Indeno(1,2,3-c,d)pyrene	15,000	1,200 J	380

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

CV0127
012200132018026000

CV0127A-CS-SP	CV0127B-CS-SP
Front Yard	Back Yard
2/5/2013	2/5/2013

	RML	CV0127A-CS-SP Front Yard 2/5/2013	CV0127B-CS-SP Back Yard 2/5/2013
Metals mg/kg *			
Arsenic	39	17.4	19.75
Barium	46,000	144.91	46.03
Cadmium	210	ND	ND
Chromium(III)	350,000	101.68	102.52
Lead	400	123.84	183.17
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	610	250
Benzo(a)pyrene	1,500	650	250
Benzo(b)fluoranthene	15,000	1,000	420
Benzo(k)fluoranthene	150,000	460	150
Chrysene	1,500,000	800	320
Dibenz(a,h)anthracene	1,500	160	61
Indeno(1,2,3-c,d)pyrene	15,000	400	170

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

CV0131
012200132022012000

	RML	CV0131A-CS Vacant Lot 2/19/2013	CV0131B-CS Vacant Lot 2/19/2013
Metals mg/kg *			
Arsenic	39	29.16	20.64
Barium	46,000	370	159.44
Cadmium	210	5.8	ND
Chromium(III)	350,000	134.05	116.8
Lead	400	490	171.75
Mercury (elemental)	30	0.4	ND
Selenium	1,200	3 J	ND
Silver	1,200	0.22 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,200	1,400
Benzo(a)pyrene	1,500	1,300 J	1,400 J
Benzo(b)fluoranthene	15,000	2,100	2,200
Benzo(k)fluoranthene	150,000	890	900
Chrysene	1,500,000	1,300 J	1,600 J
Dibenz(a,h)anthracene	1,500	270	240
Indeno(1,2,3-c,d)pyrene	15,000	880	920

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

CV0134
012200132021002000

CV0134A-CS-SP	CV0134B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML	CV0134A-CS-SP Front Yard 2/26/2013	CV0134B-CS-SP Back Yard 2/26/2013
Metals mg/kg *			
Arsenic	39	4.18	6.17
Barium	46,000	244.45	308.17
Cadmium	210	ND	ND
Chromium(III)	350,000	65.76	104.01
Lead	400	12.29	13.85
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	ND
Benzo(a)pyrene	1,500	ND	ND
Benzo(b)fluoranthene	15,000	ND	ND
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	ND	ND
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0149
012200132020006000

CV0149A-CS-SP	CV0149B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0149A-CS-SP Front Yard 2/27/2013	CV0149B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	19.02	15.97
Barium	46,000	262.68	234.28
Cadmium	210	ND	ND
Chromium(III)	350,000	245.16	93.11
Lead	400	123.08	51.86
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	200
Benzo(a)pyrene	1,500	170	170
Benzo(b)fluoranthene	15,000	280	260
Benzo(k)fluoranthene	150,000	110	99
Chrysene	1,500,000	230	190
Dibenz(a,h)anthracene	1,500	37 J	37 J
Indeno(1,2,3-c,d)pyrene	15,000	94 J	89 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

CV0152
012200132019011000

CV0152A-CS-SP	CV0152B-CS-SP
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML	CV0152A-CS-SP Front Yard 2/19/2013	CV0152B-CS-SP Back Yard 2/19/2013
Metals mg/kg *			
Arsenic	39	32	ND
Barium	46,000	200	ND
Cadmium	210	0.9	ND
Chromium(III)	350,000	115.06	105.69
Lead	400	190	121.24
Mercury (elemental)	30	0.21	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	140
Benzo(a)pyrene	1,500	170 J	87 J
Benzo(b)fluoranthene	15,000	320	150
Benzo(k)fluoranthene	150,000	130	91
Chrysene	1,500,000	260 J	140 J
Dibenz(a,h)anthracene	1,500	43 J	30 J
Indeno(1,2,3-c,d)pyrene	15,000	130	60 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

CV0153
012200132020007000

	RML	CV0153A-CS Front Yard 2/4/2013	CV0153B-CS Back Yard 2/4/2013
Metals mg/kg *			
Arsenic	39	11.44	8.76
Barium	46,000	225.85	195.88
Cadmium	210	ND	ND
Chromium(III)	350,000	98.34	96.07
Lead	400	113.63	75.79
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	26	24
Benzo(a)pyrene	1,500	18	13
Benzo(b)fluoranthene	15,000	33	26
Benzo(k)fluoranthene	150,000	9.5	9.8
Chrysene	1,500,000	27	23
Dibenz(a,h)anthracene	1,500	4.4 J	4.5 J
Indeno(1,2,3-c,d)pyrene	15,000	14 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

CV0160
012200132020002000

	RML	CV0160A-CS Front Yard 2/28/2013	CV0160A-CSD Front Yard 2/28/2013	CV0160B-CS Back Yard 2/28/2013
Metals mg/kg *				
Arsenic	39	14.26	NA	ND
Barium	46,000	143.56	NA	154.66
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	84.72	NA	78.63
Lead	400	79.32	NA	190.2
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	260	290	320
Benzo(a)pyrene	1,500	200	200	250
Benzo(b)fluoranthene	15,000	290	310	350
Benzo(k)fluoranthene	150,000	180	150	200
Chrysene	1,500,000	290	310	340
Dibenz(a,h)anthracene	1,500	59 J	58 J	69 J
Indeno(1,2,3-c,d)pyrene	15,000	140	150	200

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

CV0170
012200131025003000

	RML	CV0170A-CS Front Yard 2/28/2013	CV0170B-CS Back Yard 2/28/2013	CV0170B-CSD Back Yard 2/28/2013
Metals mg/kg *				
Arsenic	39	14.17	27.57	NA
Barium	46,000	72.29	297.29	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	76.01	93.47	NA
Lead	400	97.44	190.02	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	110 J	220 J
Benzo(a)pyrene	1,500	110	77 J	170 J
Benzo(b)fluoranthene	15,000	200	140	220
Benzo(k)fluoranthene	150,000	90	37 J	170 J
Chrysene	1,500,000	290	170 J	320 J
Dibenz(a,h)anthracene	1,500	50	25 J	61 J
Indeno(1,2,3-c,d)pyrene	15,000	84	66	110

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

CV0189
012200131016022000

CV0189A-CS Vacant Lot 2/20/2013

RML

Metals mg/kg *		
Arsenic	39	6.26
Barium	46,000	113.61
Cadmium	210	ND
Chromium(III)	350,000	72.33
Lead	400	28.14
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	35
Benzo(a)pyrene	1,500	26 J
Benzo(b)fluoranthene	15,000	43
Benzo(k)fluoranthene	150,000	11
Chrysene	1,500,000	35 J
Dibenz(a,h)anthracene	1,500	7.1 J
Indeno(1,2,3-c,d)pyrene	15,000	16 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

CV0195
012200131016027001

CV0195A-CS-SP	CV0195B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML	CV0195A-CS-SP Front Yard 2/26/2013	CV0195B-CS-SP Back Yard 2/26/2013
Metals mg/kg *			
Arsenic	39	17.49	18.45
Barium	46,000	77.74	188.29
Cadmium	210	ND	ND
Chromium(III)	350,000	98.34	122.44
Lead	400	102.84	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	450	110
Benzo(a)pyrene	1,500	450 J	110 J
Benzo(b)fluoranthene	15,000	670	190
Benzo(k)fluoranthene	150,000	270	65
Chrysene	1,500,000	480 J	140 J
Dibenz(a,h)anthracene	1,500	91	29 J
Indeno(1,2,3-c,d)pyrene	15,000	270	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

CV0231
012200134005002000

CV0231A-CS-SP	CV0231B-CS-SP
Front Yard	Back Yard
2/28/2013	2/28/2013

	RML		
Metals mg/kg *			
Arsenic	39	17	54.15
Barium	46,000	255.73	266.05
Cadmium	210	0.99	ND
Chromium(III)	350,000	98.55	141.4
Lead	400	468.33	893.14
Mercury (elemental)	30	0.18	ND
Selenium	1,200	ND	ND
Silver	1,200	0.24 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	640
Benzo(a)pyrene	1,500	95 J	490
Benzo(b)fluoranthene	15,000	200	750
Benzo(k)fluoranthene	150,000	62	290
Chrysene	1,500,000	130 J	720
Dibenz(a,h)anthracene	1,500	27	140
Indeno(1,2,3-c,d)pyrene	15,000	59	350

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0232
012200134006014000

	RML	CV0232A-CS Front Yard 2/21/2013	CV0232B-CS Back Yard 2/21/2013
Metals mg/kg *			
Arsenic	39	ND	129.51
Barium	46,000	78.8	720
Cadmium	210	ND	36
Chromium(III)	350,000	90.35	269.21
Lead	400	164.82	2,800
Mercury (elemental)	30	ND	12.31
Selenium	1,200	ND	9.68
Silver	1,200	ND	2.8
PAHs µg/kg			
Benz(a)anthracene	15,000	590	580
Benzo(a)pyrene	1,500	790	390
Benzo(b)fluoranthene	15,000	1,400	620
Benzo(k)fluoranthene	150,000	460	350
Chrysene	1,500,000	770	690
Dibenz(a,h)anthracene	1,500	280	150
Indeno(1,2,3-c,d)pyrene	15,000	690	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
 - XRF X-ray fluorescence
 - * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0240
012200134010008000

CV0240A-CS	CV0240B-CS
Front Yard	Back Yard
2/14/2013	2/14/2013

	RML		
Metals mg/kg *			
Arsenic	39	75.93	59.94
Barium	46,000	450	570
Cadmium	210	3.5	4.2
Chromium(III)	350,000	183.23	170.64
Lead	400	840	1,000
Mercury (elemental)	30	0.72	1.3
Selenium	1,200	ND	ND
Silver	1,200	0.6 J	1.7
PAHs µg/kg			
Benz(a)anthracene	15,000	740	560
Benzo(a)pyrene	1,500	740 J	380
Benzo(b)fluoranthene	15,000	1,200	620
Benzo(k)fluoranthene	150,000	450	210
Chrysene	1,500,000	890 J	570
Dibenz(a,h)anthracene	1,500	150	130
Indeno(1,2,3-c,d)pyrene	15,000	490	330

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0244
012200134010010000

CV0244A-CS	CV0244B-GS
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML	CV0244A-CS Front Yard 2/19/2013	CV0244B-GS Back Yard 2/19/2013
Metals mg/kg *			
Arsenic	39	24.86	79.68
Barium	46,000	86.78	204.93
Cadmium	210	ND	ND
Chromium(III)	350,000	84.34	152.71
Lead	400	148.84	824.91
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	690
Benzo(a)pyrene	1,500	1,900 J	640 J
Benzo(b)fluoranthene	15,000	2,900	940
Benzo(k)fluoranthene	150,000	1,200	410
Chrysene	1,500,000	1,800 J	710 J
Dibenz(a,h)anthracene	1,500	390	130
Indeno(1,2,3-c,d)pyrene	15,000	1,000	350

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, as applicable

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

CV0258
012200134007018000

CV0258A-CS-SP	CV0258B-CS-SP
Front Yard	Back Yard
2/20/2013	2/20/2013

	RML		
Metals mg/kg *			
Arsenic	39	9.68	10.99
Barium	46,000	152.42	98.55
Cadmium	210	ND	ND
Chromium(III)	350,000	84.63	100.52
Lead	400	81.38	85.07
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	85	62
Benzo(b)fluoranthene	15,000	140	100
Benzo(k)fluoranthene	150,000	39	52
Chrysene	1,500,000	120	140
Dibenz(a,h)anthracene	1,500	28	26 J
Indeno(1,2,3-c,d)pyrene	15,000	65	64

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, as applicable

CV0264
012200134007021000

	RML	CV0264A-CS Front Yard 2/21/2013	CV0264B-CS Side Yard 2/21/2013	CV0264C-CS Back Yard 2/21/2013
Metals mg/kg *				
Arsenic	39	19.52	8.06	11.66
Barium	46,000	71.39	214.52	109.4
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	113.23	71.84	101.59
Lead	400	163.1	31.73	133.4
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	470	980
Benzo(a)pyrene	1,500	250	740	1,500
Benzo(b)fluoranthene	15,000	460	1,300	2,600
Benzo(k)fluoranthene	150,000	130	410	900
Chrysene	1,500,000	330	630	1,200
Dibenz(a,h)anthracene	1,500	56	210	430
Indeno(1,2,3-c,d)pyrene	15,000	160	550	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, as applicable

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

CV0265
012200134006001000

	RML	CV0265A-CS Front Yard 2/20/2013	CV0265B-CS Back Yard 2/20/2013	CV0265C-CS Veg Garden 2/20/2013
Metals mg/kg *				
Arsenic	39	51.09	14.84	9.78
Barium	46,000	363.91	171.05	90.14
Cadmium	210	1.5	ND	ND
Chromium(III)	350,000	125.86	99.17	113.32
Lead	400	220.3	153.9	142
Mercury (elemental)	30	0.21	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	0.34 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	1,000	260	340
Benzo(a)pyrene	1,500	850	280	320 J
Benzo(b)fluoranthene	15,000	1,800	540	560
Benzo(k)fluoranthene	150,000	580	180	190
Chrysene	1,500,000	1,800	330	410 J
Dibenz(a,h)anthracene	1,500	150	64	69
Indeno(1,2,3-c,d)pyrene	15,000	410	180	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
 - XRF X-ray fluorescence
 - * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0274
012200131017012000

CV0274A-CS-SP	CV0274B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML		
Metals mg/kg *			
Arsenic	39	9.77	9.67
Barium	46,000	146.21	138.36
Cadmium	210	ND	ND
Chromium(III)	350,000	97.13	70.79
Lead	400	52.53	53.27
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	57	290
Benzo(a)pyrene	1,500	49	350
Benzo(b)fluoranthene	15,000	85	630
Benzo(k)fluoranthene	150,000	32	230
Chrysene	1,500,000	72	350
Dibenz(a,h)anthracene	1,500	10 J	92 J
Indeno(1,2,3-c,d)pyrene	15,000	27	220

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, as applicable

CV0275
012200131017013000

CV0275A-CS-SP	CV0275B-CS-SP
Front Yard	Back Yard
2/28/2013	2/28/2013

	RML	CV0275A-CS-SP Front Yard 2/28/2013	CV0275B-CS-SP Back Yard 2/28/2013
Metals mg/kg *			
Arsenic	39	12.68	12.78
Barium	46,000	256.26	197.01
Cadmium	210	ND	ND
Chromium(III)	350,000	97.13	110.92
Lead	400	46.56	106.65
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	100
Benzo(a)pyrene	1,500	81	100
Benzo(b)fluoranthene	15,000	130	160
Benzo(k)fluoranthene	150,000	47	58
Chrysene	1,500,000	99	130
Dibenz(a,h)anthracene	1,500	ND	25
Indeno(1,2,3-c,d)pyrene	15,000	69 J	59

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, as applicable

CV0276
012200131017014000

CV0276A-CS-SP	CV0276B-CS-SP
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML		
Metals mg/kg *			
Arsenic	39	ND	6.24
Barium	46,000	64.39	187.16
Cadmium	210	ND	ND
Chromium(III)	350,000	105.47	85.01
Lead	400	126.26	54.06
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	81
Benzo(a)pyrene	1,500	89 J	70 J
Benzo(b)fluoranthene	15,000	180	130
Benzo(k)fluoranthene	150,000	71	48
Chrysene	1,500,000	130 J	130 J
Dibenz(a,h)anthracene	1,500	26 J	23 J
Indeno(1,2,3-c,d)pyrene	15,000	67	49

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, as applicable

CV0286
012200134007010000

CV0286A-CS-SP	CV0286B-CS-SP
Vacant Lot	Vacant Lot
2/28/2013	2/28/2013

	RML	CV0286A-CS-SP Vacant Lot 2/28/2013	CV0286B-CS-SP Vacant Lot 2/28/2013
Metals mg/kg *			
Arsenic	39	31.59	36.95
Barium	46,000	257.56	208.21
Cadmium	210	ND	ND
Chromium(III)	350,000	101.79	96.26
Lead	400	297.36	987.94
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	430
Benzo(a)pyrene	1,500	130	230
Benzo(b)fluoranthene	15,000	200	390
Benzo(k)fluoranthene	150,000	70	200
Chrysene	1,500,000	250	600
Dibenz(a,h)anthracene	1,500	40	74
Indeno(1,2,3-c,d)pyrene	15,000	76	140

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0288
012200134007012000

	RML	CV0288A-CS Front Yard 2/4/2013	CV0288B-CS Back Yard 2/4/2013
Metals mg/kg *			
Arsenic	39	38.29	38.92
Barium	46,000	146.42	141.73
Cadmium	210	ND	ND
Chromium(III)	350,000	110.24	115.58
Lead	400	224.9	332.44
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	210
Benzo(a)pyrene	1,500	110	220
Benzo(b)fluoranthene	15,000	190	390
Benzo(k)fluoranthene	150,000	55	170
Chrysene	1,500,000	150	280
Dibenz(a,h)anthracene	1,500	29 J	56 J
Indeno(1,2,3-c,d)pyrene	15,000	85	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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

CV0300
012200134002016000

CV0300A-CS-SP	CV0300B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0300A-CS-SP Front Yard 2/27/2013	CV0300B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	8.6	13.14
Barium	46,000	85.93	194.44
Cadmium	210	ND	ND
Chromium(III)	350,000	57.88	125.49
Lead	400	80.56	295.02
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	1,100
Benzo(a)pyrene	1,500	150	1,400
Benzo(b)fluoranthene	15,000	230	2,500
Benzo(k)fluoranthene	150,000	77	1,100
Chrysene	1,500,000	150	1,500
Dibenz(a,h)anthracene	1,500	40	540
Indeno(1,2,3-c,d)pyrene	15,000	98	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, as applicable

CV0308
012200134015003000

	RML	CV0308A-CS Front Yard 2/20/2013	CV0308B-CS Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	7.25	6.45
Barium	46,000	191.42	283.9
Cadmium	210	ND	ND
Chromium(III)	350,000	91.62	103.1
Lead	400	50.9	46.03
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	490	87
Benzo(a)pyrene	1,500	430	64
Benzo(b)fluoranthene	15,000	720	120
Benzo(k)fluoranthene	150,000	250	37 J
Chrysene	1,500,000	520	120
Dibenz(a,h)anthracene	1,500	96	ND
Indeno(1,2,3-c,d)pyrene	15,000	270	46 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, as applicable

CV0309
012200134002020000

CV0309A-CS Vacant Lot 2/21/2013	CV0309B-CS Vacant Lot 2/21/2013
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	RML	CV0309A-CS Vacant Lot 2/21/2013	CV0309B-CS Vacant Lot 2/21/2013
Metals mg/kg *			
Arsenic	39	24.52	69
Barium	46,000	174.81	300
Cadmium	210	ND	1.6
Chromium(III)	350,000	99.44	156.91
Lead	400	127	582.55
Mercury (elemental)	30	ND	0.19
Selenium	1,200	ND	2.9 J
Silver	1,200	ND	0.89 J
PAHs µg/kg			
Benz(a)anthracene	15,000	230	150
Benzo(a)pyrene	1,500	130	79
Benzo(b)fluoranthene	15,000	210	150
Benzo(k)fluoranthene	150,000	71	51
Chrysene	1,500,000	230	210
Dibenz(a,h)anthracene	1,500	48	39
Indeno(1,2,3-c,d)pyrene	15,000	120	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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0311
012200134002021000

	RML	CV0311A-CS Vacant Lot 2/21/2013	CV0311B-CS Vacant Lot 2/21/2013
Metals mg/kg *			
Arsenic	39	34.59	16.97
Barium	46,000	108.42	101.3
Cadmium	210	ND	ND
Chromium(III)	350,000	106.05	85.03
Lead	400	94.19	77.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	250	120
Benzo(a)pyrene	1,500	150	78
Benzo(b)fluoranthene	15,000	260	120
Benzo(k)fluoranthene	150,000	89	44
Chrysene	1,500,000	320	130
Dibenz(a,h)anthracene	1,500	58 J	37
Indeno(1,2,3-c,d)pyrene	15,000	150	74

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, as applicable

CV0320
012200133001030000

CV0320A-CS-SP	CV0320B-CS-SP
Front Yard	Back Yard
2/20/2013	2/20/2013

	RML		
Metals mg/kg *			
Arsenic	39	31	10.25
Barium	46,000	300	144.12
Cadmium	210	2.6	ND
Chromium(III)	350,000	103.78	99.06
Lead	400	450	132.27
Mercury (elemental)	30	0.17	ND
Selenium	1,200	ND	ND
Silver	1,200	0.55 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	310	130
Benzo(a)pyrene	1,500	250	120
Benzo(b)fluoranthene	15,000	340	140
Benzo(k)fluoranthene	150,000	87	91
Chrysene	1,500,000	310	130
Dibenz(a,h)anthracene	1,500	95 J	51
Indeno(1,2,3-c,d)pyrene	15,000	170	99

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0337
012200134001011000

CV0337A-CS-SP	CV0337B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0337A-CS-SP Front Yard 2/27/2013	CV0337B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	18.23	19.34
Barium	46,000	91.75	142.99
Cadmium	210	ND	ND
Chromium(III)	350,000	82.87	127.36
Lead	400	155.49	305.91
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	240
Benzo(a)pyrene	1,500	81	150
Benzo(b)fluoranthene	15,000	130	220
Benzo(k)fluoranthene	150,000	57	100
Chrysene	1,500,000	130	220
Dibenz(a,h)anthracene	1,500	24 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	48	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, as applicable

CV0367
012200134014003000

CV0367A-CS-SP	CV0367B-CS-SP
Front Yard	Back Yard
2/15/2013	2/15/2013

	RML	CV0367A-CS-SP Front Yard 2/15/2013	CV0367B-CS-SP Back Yard 2/15/2013
Metals mg/kg *			
Arsenic	39	13.91	10.76
Barium	46,000	219.73	179.06
Cadmium	210	ND	0.98
Chromium(III)	350,000	87.03	87.73
Lead	400	99.46	117.79
Mercury (elemental)	30	ND	0.88
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	270
Benzo(a)pyrene	1,500	220	230
Benzo(b)fluoranthene	15,000	380	380
Benzo(k)fluoranthene	150,000	110	140
Chrysene	1,500,000	330	320
Dibenz(a,h)anthracene	1,500	52 J	57 J
Indeno(1,2,3-c,d)pyrene	15,000	130	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, as applicable

CV0379
012200134003006000

CV0379A-CS-SP	CV0379B-CS-SP
Vacant Lot	Vacant Lot
2/27/2013	2/27/2013

	RML		
Metals mg/kg *			
Arsenic	39	21.33	16.9
Barium	46,000	ND	107.37
Cadmium	210	ND	ND
Chromium(III)	350,000	72.55	127.57
Lead	400	162.33	178.41
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	680	2,800
Benzo(a)pyrene	1,500	560	1,400
Benzo(b)fluoranthene	15,000	890	2,500
Benzo(k)fluoranthene	150,000	310	1,000
Chrysene	1,500,000	750	2,200
Dibenz(a,h)anthracene	1,500	170	460
Indeno(1,2,3-c,d)pyrene	15,000	410	1,200

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, as applicable

CV0386
012200134003002000

CV0386A-CS-SP	CV0386B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0386A-CS-SP Front Yard 2/27/2013	CV0386B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	14.39	54
Barium	46,000	150.45	520
Cadmium	210	ND	4.2
Chromium(III)	350,000	99.61	192.09
Lead	400	89.57	410
Mercury (elemental)	30	ND	0.23
Selenium	1,200	ND	ND
Silver	1,200	ND	0.25 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	1,700
Benzo(a)pyrene	1,500	120	1,200
Benzo(b)fluoranthene	15,000	190	2,300
Benzo(k)fluoranthene	150,000	77	690
Chrysene	1,500,000	200	1,700
Dibenz(a,h)anthracene	1,500	39	280
Indeno(1,2,3-c,d)pyrene	15,000	98	890

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0391
012200131010060000

	RML	CV0391A-CS Front Yard 2/22/2013	CV0391B-CS Back Yard 2/22/2013
Metals mg/kg *			
Arsenic	39	13.91	15.7
Barium	46,000	130.75	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	95.84	99.11
Lead	400	93.18	132.75
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	110
Benzo(a)pyrene	1,500	170	100
Benzo(b)fluoranthene	15,000	300	180
Benzo(k)fluoranthene	150,000	89	62
Chrysene	1,500,000	220	140
Dibenz(a,h)anthracene	1,500	32 J	20 J
Indeno(1,2,3-c,d)pyrene	15,000	90 J	58

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, as applicable

CV0398
012200131010063000

CV0398A-CS-SP	CV0398B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0398A-CS-SP Front Yard 2/27/2013	CV0398B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	7.59	9.47
Barium	46,000	192.57	107.8
Cadmium	210	ND	ND
Chromium(III)	350,000	92.73	90.27
Lead	400	97.79	65.58
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	810	63
Benzo(a)pyrene	1,500	670	47
Benzo(b)fluoranthene	15,000	1,100	79
Benzo(k)fluoranthene	150,000	560	45
Chrysene	1,500,000	850	73
Dibenz(a,h)anthracene	1,500	250	26
Indeno(1,2,3-c,d)pyrene	15,000	650	43

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, as applicable

CV0402
012200131010065000

CV0402A-CS-SP	CV0402B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML		
Metals mg/kg *			
Arsenic	39	7.57	27
Barium	46,000	169.12	330
Cadmium	210	ND	1.2
Chromium(III)	350,000	95.76	109.35
Lead	400	92.26	460
Mercury (elemental)	30	ND	0.13
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160	230
Benzo(a)pyrene	1,500	120 J	140
Benzo(b)fluoranthene	15,000	170	220
Benzo(k)fluoranthene	150,000	82	37 J
Chrysene	1,500,000	180 J	160
Dibenz(a,h)anthracene	1,500	33	49 J
Indeno(1,2,3-c,d)pyrene	15,000	93	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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0409
012200131010076000

	RML	CV0409A-CS Front Yard 2/4/2013	CV0409B-CS Back Yard 2/4/2013
Metals mg/kg *			
Arsenic	39	21.64	12.92
Barium	46,000	139.08	102.34
Cadmium	210	ND	ND
Chromium(III)	350,000	103.18	93.96
Lead	400	135.18	125.38
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	19,000	17,000
Benzo(a)pyrene	1,500	15,000	13,000
Benzo(b)fluoranthene	15,000	24,000	20,000
Benzo(k)fluoranthene	150,000	12,000	12,000
Chrysene	1,500,000	18,000	17,000
Dibenz(a,h)anthracene	1,500	3,900	4,100
Indeno(1,2,3-c,d)pyrene	15,000	13,000	12,000

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0439
012200134013007000

CV0439A-CS Front Yard 2/5/2013	CV0439A-CSD Front Yard 2/5/2013	CV0439B-CS Back Yard 2/5/2013
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	RML	CV0439A-CS Front Yard 2/5/2013	CV0439A-CSD Front Yard 2/5/2013	CV0439B-CS Back Yard 2/5/2013
Metals mg/kg *				
Arsenic	39	19.34	NA	39.14
Barium	46,000	250.05	NA	820
Cadmium	210	ND	NA	21
Chromium(III)	350,000	107.09	NA	136.3
Lead	400	130.67	NA	650
Mercury (elemental)	30	ND	NA	0.47
Selenium	1,200	ND	NA	1.4 J
Silver	1,200	ND	NA	1.3 J
PAHs µg/kg				
Benz(a)anthracene	15,000	21	37	67
Benzo(a)pyrene	1,500	12	19	73
Benzo(b)fluoranthene	15,000	18	29	120
Benzo(k)fluoranthene	150,000	7.3 J	14	67
Chrysene	1,500,000	16	22	110
Dibenz(a,h)anthracene	1,500	ND	6 J	46
Indeno(1,2,3-c,d)pyrene	15,000	9.9 J	19 J	68

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0452
012200134013001000

	RML	CV0452A-CS Front Yard 2/1/2013	CV0452B-CS Back Yard 2/1/2013
Metals mg/kg *			
Arsenic	39	24.65	25.76
Barium	46,000	243.25	152.66
Cadmium	210	ND	ND
Chromium(III)	350,000	100.36	117.99
Lead	400	185.96	136.57
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	670	200
Benzo(a)pyrene	1,500	430	91
Benzo(b)fluoranthene	15,000	680	150
Benzo(k)fluoranthene	150,000	230	89
Chrysene	1,500,000	580	190
Dibenz(a,h)anthracene	1,500	160	41 J
Indeno(1,2,3-c,d)pyrene	15,000	310	94 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, as applicable

CV0453
012200134005009000

	RML	CV0453A-CS Front Yard 2/1/2013	CV0453B-CS Back Yard 2/1/2013	CV0453C-CS Veg Garden 2/1/2013
Metals mg/kg *				
Arsenic	39	27.21	56.84	54.71
Barium	46,000	177.38	163.73	359.38
Cadmium	210	ND	ND	19.66
Chromium(III)	350,000	159.26	137.86	183.1
Lead	400	229.73	491.61	765.32
Mercury (elemental)	30	7.64	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	7.67
PAHs µg/kg				
Benz(a)anthracene	15,000	110	200	230
Benzo(a)pyrene	1,500	78	130	140
Benzo(b)fluoranthene	15,000	120	220	190
Benzo(k)fluoranthene	150,000	54	57	64
Chrysene	1,500,000	140	240	220
Dibenz(a,h)anthracene	1,500	28	79 J	52 J
Indeno(1,2,3-c,d)pyrene	15,000	60	130	120 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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0455
012200134004008000

	RML	CV0455A-CS Front Yard 2/1/2013	CV0455B-CS Back Yard 2/1/2013
Metals mg/kg *			
Arsenic	39	22.61	15.22
Barium	46,000	209.77	208.72
Cadmium	210	ND	ND
Chromium(III)	350,000	144.23	102.61
Lead	400	145.29	104.54
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	160
Benzo(a)pyrene	1,500	180 J	100
Benzo(b)fluoranthene	15,000	250	150
Benzo(k)fluoranthene	150,000	110	58
Chrysene	1,500,000	280	170
Dibenz(a,h)anthracene	1,500	61 J	36 J
Indeno(1,2,3-c,d)pyrene	15,000	140	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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

CV0467
012200134005016000

CV0467A-CS
Back Yard
2/5/2013

RML

Metals mg/kg *		
Arsenic	39	84.17
Barium	46,000	342.42
Cadmium	210	ND
Chromium(III)	350,000	178.19
Lead	400	938.53
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	92
Benzo(a)pyrene	1,500	70
Benzo(b)fluoranthene	15,000	95
Benzo(k)fluoranthene	150,000	52
Chrysene	1,500,000	100
Dibenz(a,h)anthracene	1,500	27
Indeno(1,2,3-c,d)pyrene	15,000	67

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, as applicable

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

CV0468
012200134004002000

	CV0468A-CS	CV0468B-CS	CV0468B-CSD
	Front Yard	Back Yard	Back Yard
	2/1/2013	2/1/2013	2/1/2013

	RML			
Metals mg/kg *				
Arsenic	39	24.1	29.73	NA
Barium	46,000	ND	299.42	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	112.8	174.57	NA
Lead	400	203.21	213.18	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	2,000	260 J	520 J
Benzo(a)pyrene	1,500	1,300	180 J	330 J
Benzo(b)fluoranthene	15,000	1,900	250 J	590 J
Benzo(k)fluoranthene	150,000	660	130	190
Chrysene	1,500,000	1,600	250 J	510 J
Dibenz(a,h)anthracene	1,500	340	55 J	110 J
Indeno(1,2,3-c,d)pyrene	15,000	940	120 J	230 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, as applicable

CV0491
012200131015031000

CV0491A-CS-SP Front Yard 2/27/2013	CV0491B-CS-SP Back/Side Yard 2/27/2013	CV0491C-CS-SP Back Yard 2/27/2013
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RML

Metals mg/kg *				
Arsenic	39	ND	ND	10.98
Barium	46,000	125.86	108.09	155.17
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	98.49	75.98	92.99
Lead	400	64.03	80.63	41.95
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	150	69	55
Benzo(a)pyrene	1,500	170	71	37
Benzo(b)fluoranthene	15,000	280	110	64
Benzo(k)fluoranthene	150,000	96	34	26
Chrysene	1,500,000	170	130	84
Dibenz(a,h)anthracene	1,500	58	29	21 J
Indeno(1,2,3-c,d)pyrene	15,000	150	65	37

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, as applicable

CV0500
012200133001008000

	RML	CV0500A-CS Front Yard 2/27/2013	CV0500A-CSD Front Yard 2/27/2013	CV0500B-CS Back Yard 2/27/2013
Metals mg/kg *				
Arsenic	39	15.7	NA	10.99
Barium	46,000	159.96	NA	204.18
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	99.81	NA	103.57
Lead	400	136.08	NA	124.16
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	3,000 J	1,200 J	120
Benzo(a)pyrene	1,500	2,400 J	930 J	120
Benzo(b)fluoranthene	15,000	3,700 J	1,500 J	190
Benzo(k)fluoranthene	150,000	1,600 J	600 J	66
Chrysene	1,500,000	3,000 J	1,100 J	160
Dibenz(a,h)anthracene	1,500	580 J	260 J	44
Indeno(1,2,3-c,d)pyrene	15,000	1,600 J	720 J	98

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0530
012200131015015000

CV0530A-CS-SP	CV0530B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML		
Metals mg/kg *			
Arsenic	39	11.85	11.51
Barium	46,000	166.78	271.3
Cadmium	210	ND	ND
Chromium(III)	350,000	97.53	121.25
Lead	400	107.9	103.68
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	2,300	73
Benzo(a)pyrene	1,500	1,700	54
Benzo(b)fluoranthene	15,000	2,800	120
Benzo(k)fluoranthene	150,000	1,000	19
Chrysene	1,500,000	2,100	120
Dibenz(a,h)anthracene	1,500	430	26
Indeno(1,2,3-c,d)pyrene	15,000	1,200	51

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0561
012200131010088000

CV0561A-CS-SP	CV0561B-CS-SP
Front Yard	Back Yard
2/20/2013	2/20/2013

	RML	CV0561A-CS-SP Front Yard 2/20/2013	CV0561B-CS-SP Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	9.88	15.29
Barium	46,000	91.37	194.52
Cadmium	210	ND	ND
Chromium(III)	350,000	147.49	100.08
Lead	400	123.68	91.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	600	700
Benzo(a)pyrene	1,500	380	520
Benzo(b)fluoranthene	15,000	570	810
Benzo(k)fluoranthene	150,000	290	410
Chrysene	1,500,000	500	720
Dibenz(a,h)anthracene	1,500	89	120
Indeno(1,2,3-c,d)pyrene	15,000	220	290

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, as applicable

CV0568
012200131010095000

CV0568A-CS-SP	CV0568B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0568A-CS-SP Front Yard 2/27/2013	CV0568B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	22.73	7.81
Barium	46,000	172.72	183.55
Cadmium	210	ND	ND
Chromium(III)	350,000	121.57	78.42
Lead	400	76.69	31.22
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	180
Benzo(a)pyrene	1,500	220	180
Benzo(b)fluoranthene	15,000	340	300
Benzo(k)fluoranthene	150,000	180	130
Chrysene	1,500,000	320	280
Dibenz(a,h)anthracene	1,500	88	61
Indeno(1,2,3-c,d)pyrene	15,000	170	140

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, as applicable

CV0584
012200131015002000

CV0584A-CS Front Yard 2/22/2013	CV0584B-CS Back Yard 2/22/2013
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	RML		
Metals mg/kg *			
Arsenic	39	12.16	8.8
Barium	46,000	130.09	68.92
Cadmium	210	ND	ND
Chromium(III)	350,000	92.42	122.87
Lead	400	86.66	37.4
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	3,200	410
Benzo(a)pyrene	1,500	3,300 J	590
Benzo(b)fluoranthene	15,000	5,500	920
Benzo(k)fluoranthene	150,000	2,100 J	340
Chrysene	1,500,000	3,700 J	500
Dibenz(a,h)anthracene	1,500	580 J	120
Indeno(1,2,3-c,d)pyrene	15,000	2,000 J	360

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0657
012200131013010000

	CV0657A-CS Front Yard 2/22/2013	CV0657B-CS Back Yard 2/22/2013
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	RML		
Metals mg/kg *			
Arsenic	39	16.84	11.84
Barium	46,000	207.05	132.88
Cadmium	210	ND	ND
Chromium(III)	350,000	100.65	92.81
Lead	400	105.97	131.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	190	140
Benzo(a)pyrene	1,500	170	130
Benzo(b)fluoranthene	15,000	340	240
Benzo(k)fluoranthene	150,000	93	84
Chrysene	1,500,000	250	200
Dibenz(a,h)anthracene	1,500	35	28 J
Indeno(1,2,3-c,d)pyrene	15,000	95	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, as applicable

CV0667
012200131012006000

CV0667A-CS-SP	CV0667B-CS-SP
Vacant Lot	Vacant Lot
2/19/2013	2/19/2013

	RML	CV0667A-CS-SP Vacant Lot 2/19/2013	CV0667B-CS-SP Vacant Lot 2/19/2013
Metals mg/kg *			
Arsenic	39	10.01	17.97
Barium	46,000	277.69	234.6
Cadmium	210	ND	ND
Chromium(III)	350,000	120.65	139.53
Lead	400	55.09	129.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	470	300
Benzo(a)pyrene	1,500	370	170
Benzo(b)fluoranthene	15,000	760	320
Benzo(k)fluoranthene	150,000	230	120
Chrysene	1,500,000	500	300
Dibenz(a,h)anthracene	1,500	160	83 J
Indeno(1,2,3-c,d)pyrene	15,000	310	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, as applicable

CV0673
012200131006009000

	CV0673A-CS Front Yard 2/5/2013	CV0673B-CS Back Yard 2/5/2013
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	RML		
Metals mg/kg *			
Arsenic	39	37.68	45.87
Barium	46,000	137.62	213.45
Cadmium	210	ND	ND
Chromium(III)	350,000	157.91	150.55
Lead	400	270.06	311.15
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	36	30
Benzo(a)pyrene	1,500	27	15
Benzo(b)fluoranthene	15,000	51	23
Benzo(k)fluoranthene	150,000	15	8.9 J
Chrysene	1,500,000	61	29
Dibenz(a,h)anthracene	1,500	14 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	24 J	15 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, as applicable

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

CV0704
012200131013002000

CV0704A-CS Front/Side Yard 2/28/2013	CV0704B-CS Back Yard 2/28/2013
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	RML	CV0704A-CS Front/Side Yard 2/28/2013	CV0704B-CS Back Yard 2/28/2013
Metals mg/kg *			
Arsenic	39	13.45	10.11
Barium	46,000	86.12	148.51
Cadmium	210	ND	ND
Chromium(III)	350,000	70.22	84.85
Lead	400	121.16	63.26
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	57
Benzo(a)pyrene	1,500	77	53
Benzo(b)fluoranthene	15,000	130	96
Benzo(k)fluoranthene	150,000	73	19
Chrysene	1,500,000	170	140
Dibenz(a,h)anthracene	1,500	36	23 J
Indeno(1,2,3-c,d)pyrene	15,000	48	43

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, as applicable

CV0720
012200131019008000

	RML	CV0720A-CS Front Yard 2/27/2013	CV0720B-CS Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	25.52	32.86
Barium	46,000	197.15	320
Cadmium	210	ND	6
Chromium(III)	350,000	110.26	138.24
Lead	400	207.02	518.79
Mercury (elemental)	30	ND	0.18
Selenium	1,200	ND	ND
Silver	1,200	ND	1.2
PAHs µg/kg			
Benz(a)anthracene	15,000	310	91
Benzo(a)pyrene	1,500	230	58
Benzo(b)fluoranthene	15,000	260	120
Benzo(k)fluoranthene	150,000	190	32
Chrysene	1,500,000	340	120
Dibenz(a,h)anthracene	1,500	70 J	33
Indeno(1,2,3-c,d)pyrene	15,000	130	59

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, as applicable

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

CV0724
012200131008009000

	CV0724A-CS-SP Front Yard 2/28/2013	CV0724B-CS-SP Back Yard 2/28/2013
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	RML		
Metals mg/kg *			
Arsenic	39	10	15.45
Barium	46,000	145.49	149.17
Cadmium	210	ND	ND
Chromium(III)	350,000	90.59	94.47
Lead	400	56.41	154.16
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	3,400	2,500
Benzo(a)pyrene	1,500	2,400	2,100
Benzo(b)fluoranthene	15,000	3,600	3,000
Benzo(k)fluoranthene	150,000	2,400	1,600
Chrysene	1,500,000	3,600	2,300
Dibenz(a,h)anthracene	1,500	630	470
Indeno(1,2,3-c,d)pyrene	15,000	1,500	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, as applicable

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

CV0740
012200131022006001

CV0740A-CS-SP	CV0740B-CS-SP
Front Yard	Back Yard
2/27/2013	2/27/2013

	RML	CV0740A-CS-SP Front Yard 2/27/2013	CV0740B-CS-SP Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	21.1	14.49
Barium	46,000	58.27	186.55
Cadmium	210	ND	ND
Chromium(III)	350,000	109.38	105.6
Lead	400	70.26	51.71
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	74	43
Benzo(a)pyrene	1,500	44	24
Benzo(b)fluoranthene	15,000	80	38
Benzo(k)fluoranthene	150,000	27	22
Chrysene	1,500,000	89	42
Dibenz(a,h)anthracene	1,500	25	11 J
Indeno(1,2,3-c,d)pyrene	15,000	42	24 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, as applicable

CV0748
012200133001045001

	RML	CV0748A-CS Housing Project 2/5/2013	CV0748A-CSD Housing Project 2/5/2013	CV0748B-CS Housing Project 2/5/2013	CV0748B-CSD Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	15.29	NA	20.26	NA
Barium	46,000	143.69	NA	198.79	NA
Cadmium	210	ND	NA	ND	NA
Chromium(III)	350,000	79.31	NA	111.17	NA
Lead	400	134.48	NA	165.03	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	400	470	300	210
Benzo(a)pyrene	1,500	430	410	220	180
Benzo(b)fluoranthene	15,000	630	560	350	280
Benzo(k)fluoranthene	150,000	250	270	120	120
Chrysene	1,500,000	550	470	260	220
Dibenz(a,h)anthracene	1,500	81 J	64	65 J	43
Indeno(1,2,3-c,d)pyrene	15,000	260	210	87 J	100

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- 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, as applicable

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

CV0748
012200133001045001

	RML	CV0748C-CS Housing Project 2/5/2013	CV0748C-CSD Housing Project 2/5/2013	CV0748D-CS Housing Project 2/5/2013	CV0748D-CSD Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	26.46	NA	19.27	NA
Barium	46,000	247.02	NA	123.07	NA
Cadmium	210	ND	NA	ND	NA
Chromium(III)	350,000	110.46	NA	89.57	NA
Lead	400	256.51	NA	197.78	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	460 J	260 J	110 J	320 J
Benzo(a)pyrene	1,500	520 J	250 J	120 J	340 J
Benzo(b)fluoranthene	15,000	750 J	380 J	180 J	550 J
Benzo(k)fluoranthene	150,000	310 J	140 J	66 J	190 J
Chrysene	1,500,000	570 J	290 J	130 J	360 J
Dibenz(a,h)anthracene	1,500	120	52	22 J	66
Indeno(1,2,3-c,d)pyrene	15,000	320 J	140 J	64 J	200 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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748E-CS Housing Project 2/5/2013	CV0748F-CS Housing Project 2/5/2013	CV0748G-CS Housing Project 2/5/2013	CV0748H-CS Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	23.28	15.33	12.75	20.82
Barium	46,000	94.46	186.85	121.07	109.44
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	101.97	106.44	103.58	104.18
Lead	400	221.9	202.8	243.64	244.09
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	350	200	630	280
Benzo(a)pyrene	1,500	400	240	600	320
Benzo(b)fluoranthene	15,000	600	370	1,000	620
Benzo(k)fluoranthene	150,000	240	160	410	210
Chrysene	1,500,000	420	260	650	480
Dibenz(a,h)anthracene	1,500	68	55	130	75 J
Indeno(1,2,3-c,d)pyrene	15,000	240	150	380	210

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748I-CS Housing Project 2/5/2013	CV0748J-CS Housing Project 2/5/2013	CV0748K-CS Housing Project 2/5/2013	CV0748L-CS Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	25.4	17.5	12.49	16.24
Barium	46,000	210	75.81	151.29	202.47
Cadmium	210	1.9	ND	ND	ND
Chromium(III)	350,000	234.65	83.83	86.96	87.74
Lead	400	300	243.11	118.12	212.05
Mercury (elemental)	30	0.29	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	0.48 J	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	110	85	73	150
Benzo(a)pyrene	1,500	74	59	52	100
Benzo(b)fluoranthene	15,000	120	91	82	160
Benzo(k)fluoranthene	150,000	41	48	26	68
Chrysene	1,500,000	110	85	65	140
Dibenz(a,h)anthracene	1,500	19 J	19 J	18 J	35
Indeno(1,2,3-c,d)pyrene	15,000	63	57	53	110

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748M-CS Housing Project 2/5/2013	CV0748N-CS Housing Project 2/5/2013	CV0748O-CS Housing Project 2/5/2013	CV0748P-CS Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	24.45	25.13	16.42	17.79
Barium	46,000	74.26	194.48	107.77	226.52
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	113.23	113.66	103.09	185.28
Lead	400	150.76	131.92	145.25	108.78
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	320	130	44	39
Benzo(a)pyrene	1,500	240	88	30	25
Benzo(b)fluoranthene	15,000	360	130	38	35
Benzo(k)fluoranthene	150,000	180	49	15	23
Chrysene	1,500,000	340	120	41	31
Dibenz(a,h)anthracene	1,500	78	36	11 J	7.9 J
Indeno(1,2,3-c,d)pyrene	15,000	210	88	26	20 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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748Q-CS Housing Project 2/5/2013	CV0748R-CS Housing Project 2/5/2013	CV0748S-CS Housing Project 2/5/2013	CV0748T-CS Housing Project 2/5/2013
Metals mg/kg *					
Arsenic	39	35.35	23.91	26.32	33.56
Barium	46,000	143.02	261.81	116.66	212.79
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	106.3	146.19	98.98	145.44
Lead	400	207.41	169.11	182.14	181.72
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	50	64	400	190
Benzo(a)pyrene	1,500	34	44	320	100
Benzo(b)fluoranthene	15,000	53	65	500	160
Benzo(k)fluoranthene	150,000	18	35	160	72
Chrysene	1,500,000	43	53	400	170
Dibenz(a,h)anthracene	1,500	12 J	18 J	93	35
Indeno(1,2,3-c,d)pyrene	15,000	26	35	280	85

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748U-CS Housing Project 2/5/2013	CV0748V-CS Housing Project 2/5/2013	CV0748W-CS Housing Project 2/6/2013	CV0748X-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	19.18	18.98	19.19	16.57
Barium	46,000	157.27	90.56	166.97	125.84
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	73.2	96.08	116.27	102.93
Lead	400	153.28	204.6	159.76	172.88
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	240	42	350	140
Benzo(a)pyrene	1,500	150	33	230	80
Benzo(b)fluoranthene	15,000	230	41	350	110
Benzo(k)fluoranthene	150,000	69	22	160	65
Chrysene	1,500,000	180	34	430	110
Dibenz(a,h)anthracene	1,500	54	15 J	84 J	35 J
Indeno(1,2,3-c,d)pyrene	15,000	120	33	220	72 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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748Y-CS Housing Project 2/6/2013	CV0748Z-CS Housing Project 2/6/2013	CV0748AA-CS Housing Project 2/6/2013	CV0748BB-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	13.23	25.92	16.32	25.57
Barium	46,000	ND	248.17	135.88	215
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	109.94	176.65	107.45	127.1
Lead	400	187.14	213.62	101.14	133.36
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	710	140	280	390
Benzo(a)pyrene	1,500	400	70	180	200
Benzo(b)fluoranthene	15,000	640	110	290	350
Benzo(k)fluoranthene	150,000	230	51	85	110
Chrysene	1,500,000	670	87	230	320
Dibenz(a,h)anthracene	1,500	130	29 J	49	81 J
Indeno(1,2,3-c,d)pyrene	15,000	350	54 J	120	210

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748CC-CS Housing Project 2/6/2013	CV0748DD-CS Housing Project 2/6/2013	CV0748EE-CS Housing Project 2/6/2013	CV0748FF-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	12.92	26	27.76	17.07
Barium	46,000	135.05	200	152.75	142.85
Cadmium	210	ND	1.6	ND	ND
Chromium(III)	350,000	103.87	106.85	109.6	104.09
Lead	400	205.69	330	187.84	169.15
Mercury (elemental)	30	ND	0.28	ND	ND
Selenium	1,200	ND	1.5 J	ND	ND
Silver	1,200	ND	0.32 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	520	410	460	40
Benzo(a)pyrene	1,500	320	260	410	34
Benzo(b)fluoranthene	15,000	660	460	630	54
Benzo(k)fluoranthene	150,000	150	150	280	17
Chrysene	1,500,000	510	430	530	47
Dibenz(a,h)anthracene	1,500	130	85 J	110	12 J
Indeno(1,2,3-c,d)pyrene	15,000	240	170	220	32

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748GG-CS Housing Project 2/6/2013	CV0748HH-CS Housing Project 2/6/2013	CV0748II-CS Housing Project 2/6/2013	CV0748JJ-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	13.25	19.72	24.64	22.42
Barium	46,000	173.47	117.35	139.9	148.96
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	85.49	102.99	81.23	96.96
Lead	400	82.53	128.17	131.23	143.6
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	120	190	380	590
Benzo(a)pyrene	1,500	82	160	320	470
Benzo(b)fluoranthene	15,000	140	240	530	750
Benzo(k)fluoranthene	150,000	50	110	210	300
Chrysene	1,500,000	95	180	450	640
Dibenz(a,h)anthracene	1,500	19 J	38 J	89 J	100
Indeno(1,2,3-c,d)pyrene	15,000	63 J	110	220	280

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748KK-CS Housing Project 2/6/2013	CV0748LL-CS Housing Project 2/6/2013	CV0748MM-CS Housing Project 2/6/2013	CV0748NN-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	22.77	19.47	15.38	13.13
Barium	46,000	36.22	168.23	228.28	117.58
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	87.74	98.29	125.8	100.69
Lead	400	136.64	159.98	114.23	199.09
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	100	120	29	690
Benzo(a)pyrene	1,500	91	120	23	550
Benzo(b)fluoranthene	15,000	140	190	31	860
Benzo(k)fluoranthene	150,000	55	91	20	410
Chrysene	1,500,000	100	130	27	600
Dibenz(a,h)anthracene	1,500	19 J	28	5.4 J	140
Indeno(1,2,3-c,d)pyrene	15,000	63	79	14 J	320

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748OO-CS Housing Project 2/6/2013	CV0748PP-CS Housing Project 2/6/2013	CV0748QQ-CS Housing Project 2/6/2013	CV0748RR-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	17.48	13.95	15.48	17.34
Barium	46,000	ND	71.43	285.86	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	111.09	95.07	119.9	90.03
Lead	400	145.24	90.64	156.68	136.22
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	360	340	340	450
Benzo(a)pyrene	1,500	340	190	360	400
Benzo(b)fluoranthene	15,000	580	290	530	690
Benzo(k)fluoranthene	150,000	180	130	240	300
Chrysene	1,500,000	400	300	370	530
Dibenz(a,h)anthracene	1,500	79 J	64	81 J	88 J
Indeno(1,2,3-c,d)pyrene	15,000	200	170	220	220

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748SS-CS Housing Project 2/6/2013	CV0748TT-CS Housing Project 2/6/2013	CV0748UU-CS Housing Project 2/6/2013	CV0748VV-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	11.59	23.37	18.53	20.86
Barium	46,000	141.26	100.06	114.39	40.05
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	94.43	137.29	76.23	84.24
Lead	400	103.73	180.82	135.75	154.88
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	340	630	450	52
Benzo(a)pyrene	1,500	300	550	420	50
Benzo(b)fluoranthene	15,000	580	950	700	71
Benzo(k)fluoranthene	150,000	150	270	210	40
Chrysene	1,500,000	400	680	530	65
Dibenz(a,h)anthracene	1,500	89 J	110	97 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	170	370	240	27

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748WW-CS Housing Project 2/6/2013	CV0748XX-CS Housing Project 2/6/2013	CV0748YY-CS Housing Project 2/6/2013	CV0748ZZ-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	24	22.15	14.88	29.09
Barium	46,000	275.25	170.74	137.68	190.88
Cadmium	210	0.42 J	ND	ND	ND
Chromium(III)	350,000	118.11	101.51	89.15	107.4
Lead	400	199.74	120.65	174.31	181.8
Mercury (elemental)	30	0.42	ND	ND	ND
Selenium	1,200	1.4 J	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	2,800	300	330	570
Benzo(a)pyrene	1,500	1,900	270	310	550
Benzo(b)fluoranthene	15,000	3,500	490	510	930
Benzo(k)fluoranthene	150,000	1,200	120	140	240
Chrysene	1,500,000	2,500	340	360	610
Dibenz(a,h)anthracene	1,500	360	66 J	76 J	120
Indeno(1,2,3-c,d)pyrene	15,000	870	170	170	240

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748AAA-CS Housing Project 2/6/2013	CV0748BBB-CS Housing Project 2/6/2013	CV0748CCC-CS Housing Project 2/6/2013	CV0748DDD-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	24.84	20.57	27	19
Barium	46,000	161.69	95.98	270	103.62
Cadmium	210	ND	ND	2.2	ND
Chromium(III)	350,000	131.9	97.73	99.17	107.58
Lead	400	192.73	201.06	310	248.96
Mercury (elemental)	30	ND	ND	0.28	ND
Selenium	1,200	ND	ND	1.6 J	ND
Silver	1,200	ND	ND	0.6 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	720	320	350	480
Benzo(a)pyrene	1,500	570	320	310	460
Benzo(b)fluoranthene	15,000	830	620	440	760
Benzo(k)fluoranthene	150,000	380	170	160	330
Chrysene	1,500,000	580	410	350	550
Dibenz(a,h)anthracene	1,500	100	79 J	120	120
Indeno(1,2,3-c,d)pyrene	15,000	310	180	280	290

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748EEE-CS Housing Project 2/6/2013	CV0748FFF-CS Housing Project 2/6/2013	CV0748GGG-CS Housing Project 2/6/2013	CV0748HHH-CS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	24.57	22.54	21.18	21.05
Barium	46,000	187.8	111.47	123.89	225.07
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	113.42	103.96	143.11	108.54
Lead	400	254.55	198.46	122.1	160.87
Mercury (elemental)	30	7.57	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	150	170	100	440
Benzo(a)pyrene	1,500	150	160	98	420
Benzo(b)fluoranthene	15,000	240	260	170	710
Benzo(k)fluoranthene	150,000	99	98	55	220
Chrysene	1,500,000	160	180	120	430
Dibenz(a,h)anthracene	1,500	41	35	26	93 J
Indeno(1,2,3-c,d)pyrene	15,000	110	91	71	270

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748III-CS Housing Project 2/6/2013	CV0748JJJ-CS Housing Project 2/6/2013	CV0748KKK-CS Housing Project 2/6/2013	CV0748AB-GS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	22.49	10.72	19.81	17.04
Barium	46,000	112.94	115.51	153.73	206.66
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	97.14	88.58	91.27	101.11
Lead	400	179.65	92.35	144.8	165.85
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	68	210	100	560
Benzo(a)pyrene	1,500	50	220	65	470
Benzo(b)fluoranthene	15,000	84	350	100	980
Benzo(k)fluoranthene	150,000	23	160	48	260
Chrysene	1,500,000	83	250	110	750
Dibenz(a,h)anthracene	1,500	21 J	51	28	110 J
Indeno(1,2,3-c,d)pyrene	15,000	47	130	72	330

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0748
012200133001045001

	RML	CV0748AC-GS Housing Project 2/6/2013	CV0748AD-GS Housing Project 2/6/2013	CV0748AE-GS Housing Project 2/6/2013	CV0748AF-GS Housing Project 2/6/2013
Metals mg/kg *					
Arsenic	39	23.67	20.41	26.51	28.93
Barium	46,000	393.59	287.8	66.65	437.73
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	110.32	117.83	79.96	116.42
Lead	400	197.97	167.82	234.9	91.96
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	460	500	870	300
Benzo(a)pyrene	1,500	430	480	870	160
Benzo(b)fluoranthene	15,000	770	810	1,500	250
Benzo(k)fluoranthene	150,000	320	360	470	86
Chrysene	1,500,000	540	620	1,100	210
Dibenz(a,h)anthracene	1,500	110 J	120	200	53
Indeno(1,2,3-c,d)pyrene	15,000	300	310	490	120

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0754
012200134017019000

CV0754A-CS-SP	CV0754B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML		
Metals mg/kg *			
Arsenic	39	43	18.35
Barium	46,000	640	73.59
Cadmium	210	4.5	ND
Chromium(III)	350,000	128.17	93.49
Lead	400	380	160.12
Mercury (elemental)	30	0.37	ND
Selenium	1,200	1.7 J	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	74	150
Benzo(a)pyrene	1,500	66 J	180 J
Benzo(b)fluoranthene	15,000	130	280
Benzo(k)fluoranthene	150,000	43	110
Chrysene	1,500,000	94 J	200 J
Dibenz(a,h)anthracene	1,500	17 J	48
Indeno(1,2,3-c,d)pyrene	15,000	42	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0755
012200134017020000

	RML	CV0755A-CS-SP Back Yard 2/26/2013	CV0755B-CS-SP Back Yard 2/26/2013	CV0755C-GS-SP Playset 2/26/2013
Metals mg/kg *				
Arsenic	39	59	41.15	32.44
Barium	46,000	85.16	178.39	79.9
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	142.54	144.82	79.07
Lead	400	1,199.78	461.91	634.76
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	250	320	50
Benzo(a)pyrene	1,500	200 J	390 J	36 J
Benzo(b)fluoranthene	15,000	370	810	56
Benzo(k)fluoranthene	150,000	130	260	33
Chrysene	1,500,000	310 J	460 J	71 J
Dibenz(a,h)anthracene	1,500	46 J	120	14 J
Indeno(1,2,3-c,d)pyrene	15,000	120	320	22 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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0759
012200134022029000

CV0759A-CS Front Yard 2/22/2013	CV0759B-CS Back Yard 2/22/2013
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	RML	CV0759A-CS Front Yard 2/22/2013	CV0759B-CS Back Yard 2/22/2013
Metals mg/kg *			
Arsenic	39	27.31	40.06
Barium	46,000	179.87	247.36
Cadmium	210	ND	ND
Chromium(III)	350,000	110.71	150.8
Lead	400	197.49	264.02
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	430
Benzo(a)pyrene	1,500	250	370
Benzo(b)fluoranthene	15,000	450	710
Benzo(k)fluoranthene	150,000	150	200
Chrysene	1,500,000	330	510
Dibenz(a,h)anthracene	1,500	53 J	76 J
Indeno(1,2,3-c,d)pyrene	15,000	140	200

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0762
012200134022031000

	RML	CV0762A-CS Front Yard 2/4/2013	CV0762B-CS Side Yard 2/4/2013	CV0762C-CS Back Yard 2/4/2013
Metals mg/kg *				
Arsenic	39	24.08	21.29	51.76
Barium	46,000	124.63	209.6	440
Cadmium	210	ND	ND	4.6
Chromium(III)	350,000	102.85	95.44	137.08
Lead	400	273.65	245.17	470
Mercury (elemental)	30	ND	ND	0.27
Selenium	1,200	ND	ND	1.2 J
Silver	1,200	ND	ND	0.48 J
PAHs µg/kg				
Benz(a)anthracene	15,000	29	43	200
Benzo(a)pyrene	1,500	24	35	200
Benzo(b)fluoranthene	15,000	37	63	300
Benzo(k)fluoranthene	150,000	18	22	110
Chrysene	1,500,000	25	44	180
Dibenz(a,h)anthracene	1,500	7.8 J	6.9 J	46
Indeno(1,2,3-c,d)pyrene	15,000	15 J	25	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
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0769
012200134023015000

CV0769A-CS-SP	CV0769B-CS-SP
Vacant Lot	Vacant Lot
2/20/2013	2/20/2013

	RML	CV0769A-CS-SP Vacant Lot 2/20/2013	CV0769B-CS-SP Vacant Lot 2/20/2013
Metals mg/kg *			
Arsenic	39	11.31	35.92
Barium	46,000	217.76	128.23
Cadmium	210	ND	ND
Chromium(III)	350,000	113.25	132.64
Lead	400	45.62	196.43
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330	320
Benzo(a)pyrene	1,500	280	200
Benzo(b)fluoranthene	15,000	370	290
Benzo(k)fluoranthene	150,000	120	140
Chrysene	1,500,000	430	310
Dibenz(a,h)anthracene	1,500	120	72 J
Indeno(1,2,3-c,d)pyrene	15,000	200	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, as applicable

CV0772
012200134023013000

	RML	CV0772A-CS Front Yard 2/20/2013	CV0772B-CS Side Yard 2/20/2013	CV0772C-CS Back Yard 2/20/2013
Metals mg/kg *				
Arsenic	39	47.98	ND	20.17
Barium	46,000	300	133.51	80.92
Cadmium	210	2.1	ND	ND
Chromium(III)	350,000	109.1	92.98	91.56
Lead	400	260	101.39	178.34
Mercury (elemental)	30	0.36	ND	ND
Selenium	1,200	1.1 J	ND	ND
Silver	1,200	0.64 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	180	240	340
Benzo(a)pyrene	1,500	160	220	250
Benzo(b)fluoranthene	15,000	280	330	480
Benzo(k)fluoranthene	150,000	96	120	170
Chrysene	1,500,000	280	260	360
Dibenz(a,h)anthracene	1,500	36 J	47 J	51 J
Indeno(1,2,3-c,d)pyrene	15,000	92	130	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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0797
012200134022024000

CV0797A-CS Vacant Lot 2/6/2013

RML

Metals mg/kg *		
Arsenic	39	22.81
Barium	46,000	212.35
Cadmium	210	ND
Chromium(III)	350,000	122.91
Lead	400	211.42
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	510
Benzo(a)pyrene	1,500	470
Benzo(b)fluoranthene	15,000	830
Benzo(k)fluoranthene	150,000	260
Chrysene	1,500,000	640
Dibenz(a,h)anthracene	1,500	100
Indeno(1,2,3-c,d)pyrene	15,000	290

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, as applicable

CV0798
012200134022025000

CV0798A-CS Vacant Lot 2/6/2013

RML

Metals mg/kg *		
Arsenic	39	41
Barium	46,000	250
Cadmium	210	7.5
Chromium(III)	350,000	173.53
Lead	400	380
Mercury (elemental)	30	0.28
Selenium	1,200	1.7 J
Silver	1,200	4.2
PAHs µg/kg		
Benz(a)anthracene	15,000	490
Benzo(a)pyrene	1,500	430
Benzo(b)fluoranthene	15,000	770
Benzo(k)fluoranthene	150,000	260
Chrysene	1,500,000	530
Dibenz(a,h)anthracene	1,500	93
Indeno(1,2,3-c,d)pyrene	15,000	220

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
- 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, as applicable

BOLD	Shaded values are above the EPA RMLs, dated December 2012
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CV0800
012200134022022000

CV0800A-CS-SP Back Yard 2/5/2013
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	RML	
Metals mg/kg *		
Arsenic	39	45.84
Barium	46,000	700
Cadmium	210	5.8 J
Chromium(III)	350,000	178.88
Lead	400	620
Mercury (elemental)	30	1.6
Selenium	1,200	2 J
Silver	1,200	0.61 J
PAHs µg/kg		
Benz(a)anthracene	15,000	670
Benzo(a)pyrene	1,500	720
Benzo(b)fluoranthene	15,000	1,400 J
Benzo(k)fluoranthene	150,000	540
Chrysene	1,500,000	880
Dibenz(a,h)anthracene	1,500	190
Indeno(1,2,3-c,d)pyrene	15,000	480

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
 - 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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0829
012200134017006000

	RML	CV0829A-CS Front Yard 2/20/2013	CV0829B-CS Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	17.98	36
Barium	46,000	208.63	500
Cadmium	210	ND	3.8
Chromium(III)	350,000	109.52	164.39
Lead	400	153.38	520
Mercury (elemental)	30	ND	0.56
Selenium	1,200	ND	1.4 J
Silver	1,200	ND	0.38 J
PAHs µg/kg			
Benz(a)anthracene	15,000	250	1,200
Benzo(a)pyrene	1,500	250	1,200
Benzo(b)fluoranthene	15,000	400	1,900
Benzo(k)fluoranthene	150,000	100	560
Chrysene	1,500,000	350	1,300
Dibenz(a,h)anthracene	1,500	110	260
Indeno(1,2,3-c,d)pyrene	15,000	190	780

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, as applicable
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0831
012200134017005000

	RML	CV0831A-CS Vacant Lot 2/20/2013	CV0831B-CS Vacant Lot 2/20/2013
Metals mg/kg *			
Arsenic	39	13.77	15.66
Barium	46,000	159.94	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	63.56	72.58
Lead	400	127.63	191.45
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	400	140
Benzo(a)pyrene	1,500	230	100
Benzo(b)fluoranthene	15,000	410	160
Benzo(k)fluoranthene	150,000	170	88
Chrysene	1,500,000	670	210
Dibenz(a,h)anthracene	1,500	100 J	33 J
Indeno(1,2,3-c,d)pyrene	15,000	270	94 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, as applicable

CV0832
012200134016022000

CV0832A-CS	CV0832B-CS
Front Yard	Back Yard
2/5/2013	2/5/2013

	RML		
Metals mg/kg *			
Arsenic	39	22.82	33.68
Barium	46,000	148.37	520
Cadmium	210	ND	4
Chromium(III)	350,000	133.14	278.37
Lead	400	210.52	2,900
Mercury (elemental)	30	ND	0.67
Selenium	1,200	ND	ND
Silver	1,200	ND	0.78 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	290
Benzo(a)pyrene	1,500	110	210
Benzo(b)fluoranthene	15,000	170	330
Benzo(k)fluoranthene	150,000	50	120
Chrysene	1,500,000	130	240
Dibenz(a,h)anthracene	1,500	33	60
Indeno(1,2,3-c,d)pyrene	15,000	89	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, as applicable
BOLD	Shaded values are above the EPA RMLs, dated December 2012

CV0835
012200134017002000

CV0835A-CS-SP	CV0835B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML		
Metals mg/kg *			
Arsenic	39	13.47	ND
Barium	46,000	190.84	170.2
Cadmium	210	ND	ND
Chromium(III)	350,000	127.52	116.9
Lead	400	135.68	193.49
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	27	92
Benzo(a)pyrene	1,500	19 J	73 J
Benzo(b)fluoranthene	15,000	30	100
Benzo(k)fluoranthene	150,000	9.6 J	55
Chrysene	1,500,000	26 J	79 J
Dibenz(a,h)anthracene	1,500	ND	22 J
Indeno(1,2,3-c,d)pyrene	15,000	11 J	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

CV0851
012200134020013000

CV0851A-CS-SP Front Yard 2/20/2013
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	RML	
Metals mg/kg *		
Arsenic	39	12.64
Barium	46,000	255.83
Cadmium	210	ND
Chromium(III)	350,000	96.94
Lead	400	124.27
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	210
Benzo(a)pyrene	1,500	200
Benzo(b)fluoranthene	15,000	370
Benzo(k)fluoranthene	150,000	92
Chrysene	1,500,000	280
Dibenz(a,h)anthracene	1,500	65 J
Indeno(1,2,3-c,d)pyrene	15,000	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, as applicable

CV0859
012200134020017000

	RML	CV0859A-CS Front Yard 2/21/2013	CV0859B-CS Back Yard 2/21/2013	CV0859C-CS Veg Garden 2/21/2013
Metals mg/kg *				
Arsenic	39	18.56	36	35.13
Barium	46,000	209.18	430	710
Cadmium	210	ND	4.9	4.6
Chromium(III)	350,000	121.25	145.99	203.32
Lead	400	138.52	420	795.25
Mercury (elemental)	30	ND	0.98	8.5
Selenium	1,200	ND	4.2	3.7
Silver	1,200	ND	0.31 J	3.1
PAHs µg/kg				
Benz(a)anthracene	15,000	180	230	520
Benzo(a)pyrene	1,500	160	110	260
Benzo(b)fluoranthene	15,000	280	190	490
Benzo(k)fluoranthene	150,000	120	92	230
Chrysene	1,500,000	480	310	550
Dibenz(a,h)anthracene	1,500	110	53 J	180
Indeno(1,2,3-c,d)pyrene	15,000	140	140	250

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0864
012200134019006000

CV0864A-CS-SP	CV0864B-CS-SP
Front Yard	Back Yard
2/20/2013	2/20/2013

	RML	CV0864A-CS-SP Front Yard 2/20/2013	CV0864B-CS-SP Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	12.7	19.41
Barium	46,000	137.39	231.12
Cadmium	210	ND	ND
Chromium(III)	350,000	86.05	106.27
Lead	400	99.32	179.55
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	130
Benzo(a)pyrene	1,500	81	98
Benzo(b)fluoranthene	15,000	130	160
Benzo(k)fluoranthene	150,000	56	61
Chrysene	1,500,000	160	170
Dibenz(a,h)anthracene	1,500	21 J	25 J
Indeno(1,2,3-c,d)pyrene	15,000	53	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

CV0903
012200134019018000

	RML	CV0903A-CS Front Yard 2/20/2013	CV0903B-CS Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	17.44	11.82
Barium	46,000	250.47	108.82
Cadmium	210	ND	ND
Chromium(III)	350,000	119.72	80.1
Lead	400	96.72	90.19
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	54	130
Benzo(a)pyrene	1,500	45	110 J
Benzo(b)fluoranthene	15,000	69	210
Benzo(k)fluoranthene	150,000	22	67
Chrysene	1,500,000	81	150 J
Dibenz(a,h)anthracene	1,500	15 J	23 J
Indeno(1,2,3-c,d)pyrene	15,000	30	71

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, as applicable

CV0908
012200134019022000

	RML	CV0908A-CS Front Yard 2/20/2013	CV0908B-CS Back Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	29.08	31.04
Barium	46,000	131.02	420
Cadmium	210	ND	2.4
Chromium(III)	350,000	85.89	108.6
Lead	400	113.3	300
Mercury (elemental)	30	ND	0.26
Selenium	1,200	ND	ND
Silver	1,200	ND	0.25 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	210
Benzo(a)pyrene	1,500	110	130
Benzo(b)fluoranthene	15,000	220	270
Benzo(k)fluoranthene	150,000	68	83
Chrysene	1,500,000	300	470
Dibenz(a,h)anthracene	1,500	35	59
Indeno(1,2,3-c,d)pyrene	15,000	62	74

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, as applicable

CV0916
012300182004014000

CV0916A-CS Vacant Lot 2/20/2013

RML

Metals mg/kg *		
Arsenic	39	29.52
Barium	46,000	ND
Cadmium	210	ND
Chromium(III)	350,000	112.51
Lead	400	691.22
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	320
Benzo(a)pyrene	1,500	280
Benzo(b)fluoranthene	15,000	480
Benzo(k)fluoranthene	150,000	160
Chrysene	1,500,000	370
Dibenz(a,h)anthracene	1,500	56
Indeno(1,2,3-c,d)pyrene	15,000	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, as applicable

BOLD	Shaded values are above the EPA RMLs, dated December 2012
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CV0944
012300182002012000

CV0944A-CS-SP Vacant Lot 2/28/2013
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	RML	
Metals mg/kg *		
Arsenic	39	36.97
Barium	46,000	290
Cadmium	210	2
Chromium(III)	350,000	135.6
Lead	400	410
Mercury (elemental)	30	0.68
Selenium	1,200	ND
Silver	1,200	0.36 J
PAHs µg/kg		
Benz(a)anthracene	15,000	340
Benzo(a)pyrene	1,500	250
Benzo(b)fluoranthene	15,000	420
Benzo(k)fluoranthene	150,000	160
Chrysene	1,500,000	410
Dibenz(a,h)anthracene	1,500	59 J
Indeno(1,2,3-c,d)pyrene	15,000	99 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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0956
012200134017012000

	CV0956A-CS-SP Front Yard 2/26/2013	CV0956B-CS-SP Back Yard 2/26/2013	CV0956C-CS-SP Side Yard 2/26/2013
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	RML			
Metals mg/kg *				
Arsenic	39	23.72	49	35.08
Barium	46,000	134.5	810	142.84
Cadmium	210	ND	5.9	ND
Chromium(III)	350,000	135.68	173.28	157.78
Lead	400	311.54	720	301.87
Mercury (elemental)	30	ND	0.71	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	0.74 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	150	170	200
Benzo(a)pyrene	1,500	150	150 J	220 J
Benzo(b)fluoranthene	15,000	230	320	340
Benzo(k)fluoranthene	150,000	96	88	170
Chrysene	1,500,000	150	190 J	220 J
Dibenz(a,h)anthracene	1,500	37	40	45
Indeno(1,2,3-c,d)pyrene	15,000	120	120	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, as applicable

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

CV0958
012200134018012000

	CV0958A-CS Back/Side Yard 2/20/2013	CV0958B-CS Front/Side Yard 2/20/2013
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	RML	CV0958A-CS Back/Side Yard 2/20/2013	CV0958B-CS Front/Side Yard 2/20/2013
Metals mg/kg *			
Arsenic	39	12.49	27.42
Barium	46,000	141.88	270
Cadmium	210	ND	2.3
Chromium(III)	350,000	84.32	114.2
Lead	400	139.24	460
Mercury (elemental)	30	ND	0.28
Selenium	1,200	ND	ND
Silver	1,200	ND	0.14 J
PAHs µg/kg			
Benz(a)anthracene	15,000	62	420
Benzo(a)pyrene	1,500	62 J	430 J
Benzo(b)fluoranthene	15,000	150	680
Benzo(k)fluoranthene	150,000	35	290
Chrysene	1,500,000	91 J	490 J
Dibenz(a,h)anthracene	1,500	27	97
Indeno(1,2,3-c,d)pyrene	15,000	50	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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0962
012200134022028000

	RML	CV0962A-CS Back Yard 2/4/2013	CV0962B-CS Front Yard 2/4/2013	CV0962C-CS Front/Side Yard 2/4/2013	CV0962D-CS Veg Garden 2/6/2013
Metals mg/kg *					
Arsenic	39	14.22	22.96	24.72	11.35
Barium	46,000	148.56	96.23	ND	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	97.93	100.17	112.91	72.52
Lead	400	186.16	231.29	172.26	71.29
Mercury (elemental)	30	7.83	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	42	91	70	680
Benzo(a)pyrene	1,500	50	98	71	850
Benzo(b)fluoranthene	15,000	91	150	120	1,200
Benzo(k)fluoranthene	150,000	20	48	39	520
Chrysene	1,500,000	58	85	84	740
Dibenz(a,h)anthracene	1,500	13 J	20 J	17 J	170
Indeno(1,2,3-c,d)pyrene	15,000	21 J	62	53	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, as applicable

CV0966
012200134004015000

	CV0966A-CS-SP	CV0966B-CS-SP	CV0966C-CS-SP
	Front Yard	Back Yard	Side Yard
	2/4/2013	2/4/2013	2/4/2013

	RML			
Metals mg/kg *				
Arsenic	39	25.79	42.97	13.19
Barium	46,000	156.02	380	143.13
Cadmium	210	ND	3.2	ND
Chromium(III)	350,000	119.9	161.43	100.79
Lead	400	275.75	460	170.46
Mercury (elemental)	30	ND	0.35	ND
Selenium	1,200	ND	1.3 J	ND
Silver	1,200	ND	0.63 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	64	250	870
Benzo(a)pyrene	1,500	63	250	620
Benzo(b)fluoranthene	15,000	88	420	850
Benzo(k)fluoranthene	150,000	61	170	370 J
Chrysene	1,500,000	89	310	630
Dibenz(a,h)anthracene	1,500	18 J	52 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	44	160	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

CV0971
012200133001045003

	RML	CV0971A-CS Housing Project 2/12/2013	CV0971B-CS Housing Project 2/12/2013	CV0971C-CS Housing Project 2/12/2013	CV0971D-CS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	150	31.08	29.07	17.94
Barium	46,000	310	54.61	74.52	157.69
Cadmium	210	1.5	ND	ND	ND
Chromium(III)	350,000	115.67	111.44	115.01	103.78
Lead	400	470	236.83	205.04	192.14
Mercury (elemental)	30	0.39	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	0.3 J	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	280	320	82	200
Benzo(a)pyrene	1,500	290	340	80	200
Benzo(b)fluoranthene	15,000	440	470	130	300
Benzo(k)fluoranthene	150,000	150	190	62	110
Chrysene	1,500,000	260	310	83	190
Dibenz(a,h)anthracene	1,500	64 J	61 J	25 J	39
Indeno(1,2,3-c,d)pyrene	15,000	180	200	53	140

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971E-CS Housing Project 2/12/2013	CV0971F-CS Housing Project 2/12/2013	CV0971G-CS Housing Project 2/12/2013	CV0971H-CS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	49 J	29	26.92	23.32
Barium	46,000	410 J	320	213.17	215.85
Cadmium	210	2.7 J	1.4	ND	ND
Chromium(III)	350,000	125.72	103.42	109.62	144.55
Lead	400	420 J	320	166.16	109.8
Mercury (elemental)	30	0.73 J	0.52	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	0.53 J	0.26 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	1,400 J	890	140	290
Benzo(a)pyrene	1,500	1,300 J	960	110	230
Benzo(b)fluoranthene	15,000	2,400 J	1,500	170	480
Benzo(k)fluoranthene	150,000	640 J	480	58	170
Chrysene	1,500,000	1,500 J	920	110	310
Dibenz(a,h)anthracene	1,500	250 J	150	22 J	47 J
Indeno(1,2,3-c,d)pyrene	15,000	820 J	600	74	150

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- 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, as applicable

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

CV0971
012200133001045003

	RML	CV0971I-CS Housing Project 2/12/2013	CV0971J-CS Housing Project 2/12/2013	CV0971K-CS Housing Project 2/12/2013	CV0971L-CS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	29.68	23.64	29	13.22
Barium	46,000	283.69	404.75	300	145.58
Cadmium	210	ND	14.14	1.9	ND
Chromium(III)	350,000	113.08	111.61	129.23	286.5
Lead	400	209.65	120.41	440	187.31
Mercury (elemental)	30	ND	ND	0.38	ND
Selenium	1,200	ND	ND	4 U	ND
Silver	1,200	ND	10.03	0.3 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	68	92	410	240
Benzo(a)pyrene	1,500	59	89	410	250
Benzo(b)fluoranthene	15,000	97	130	620	370
Benzo(k)fluoranthene	150,000	31	49	220	120
Chrysene	1,500,000	56	89	370	220
Dibenz(a,h)anthracene	1,500	21 J	21 J	76	45
Indeno(1,2,3-c,d)pyrene	15,000	41	62	250	140

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971M-CS Housing Project 2/12/2013	CV0971N-CS Housing Project 2/12/2013	CV0971O-CS Housing Project 2/12/2013	CV0971O-CSD Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	19.36	22.84	22.33	NA
Barium	46,000	192.9	270.24	167.07	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	94.53	121.99	126.36	NA
Lead	400	153.73	169.45	168.21	NA
Mercury (elemental)	30	ND	ND	7.91	NA
Selenium	1,200	ND	ND	ND	NA
Silver	1,200	ND	ND	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	1,100	210	550 J	1,200 J
Benzo(a)pyrene	1,500	990	200	550 J	1,200 J
Benzo(b)fluoranthene	15,000	1,400	320	930 J	1,700 J
Benzo(k)fluoranthene	150,000	550	100	250 J	590 J
Chrysene	1,500,000	940	210	630 J	1,100 J
Dibenz(a,h)anthracene	1,500	160	40	110 J	190
Indeno(1,2,3-c,d)pyrene	15,000	560	140	350	570

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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971P-CS Housing Project 2/12/2013	CV0971P-CSD Housing Project 2/12/2013	CV0971Q-CS Housing Project 2/12/2013	CV0971R-CS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	21.14	NA	11.63	28.25
Barium	46,000	141.75	NA	191.49	223.15
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	97.84	NA	118.66	108.37
Lead	400	191.46	NA	150.12	111.68
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	4,100 J	2,400 J	210	300
Benzo(a)pyrene	1,500	4,100 J	2,200 J	190	280
Benzo(b)fluoranthene	15,000	6,800 J	3,100 J	310	440
Benzo(k)fluoranthene	150,000	2,100	1,600	100	160
Chrysene	1,500,000	4,200 J	2,200 J	200	320
Dibenz(a,h)anthracene	1,500	720 J	360 J	35	66 J
Indeno(1,2,3-c,d)pyrene	15,000	2,400 J	1,100 J	110	190

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
- SP Split sample
- XRF X-ray fluorescence
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BOLD Shaded values are above the EPA RMLs, dated December 2012

CV0971
012200133001045003

	RML	CV0971S-CS Housing Project 2/12/2013	CV0971T-CS Housing Project 2/13/2013	CV0971U-CS Housing Project 2/13/2013	CV0971V-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	22.31	34.35	16.16	16.82
Barium	46,000	166.2	110.96	225.83	300.68
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	107.8	134.35	114.47	109.25
Lead	400	167.42	170.14	164.01	195.05
Mercury (elemental)	30	ND	ND	ND	7.1
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	330	430	590	330
Benzo(a)pyrene	1,500	360	430	550	350
Benzo(b)fluoranthene	15,000	680	670	870	580
Benzo(k)fluoranthene	150,000	220	240	320	200
Chrysene	1,500,000	430	420	630	420
Dibenz(a,h)anthracene	1,500	85	85	110	78 J
Indeno(1,2,3-c,d)pyrene	15,000	270	270	350	230

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- 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, as applicable

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

CV0971
012200133001045003

	RML	CV0971W-CS Housing Project 2/13/2013	CV0971W-CSD Housing Project 2/13/2013	CV0971X-CS Housing Project 2/13/2013	CV0971Y-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	12.86	NA	18.08	27.63
Barium	46,000	187.55	NA	222.7	426.08
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	95.18	NA	98.59	138.25
Lead	400	104.59	NA	148.21	137.42
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	390	550	590	230
Benzo(a)pyrene	1,500	380	540	640	270
Benzo(b)fluoranthene	15,000	630	820	1,000	440
Benzo(k)fluoranthene	150,000	210 J	320 J	340	140
Chrysene	1,500,000	430	620	730	270
Dibenz(a,h)anthracene	1,500	89 J	120	150	56
Indeno(1,2,3-c,d)pyrene	15,000	280	370	450	170

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971Z-CS Housing Project 2/13/2013	CV0971Z-CSD Housing Project 2/13/2013	CV0971AA-CS Housing Project 2/13/2013	CV0971BB-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	15.99	NA	9.97	13.84
Barium	46,000	171.25	NA	124.47	182.1
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	93.44	NA	103.41	114.5
Lead	400	89.72	NA	74.27	165.3
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	250 J	420 J	160	310
Benzo(a)pyrene	1,500	310	450	190	280
Benzo(b)fluoranthene	15,000	490	690	340	490
Benzo(k)fluoranthene	150,000	140	220	130	150
Chrysene	1,500,000	330	420	200	310
Dibenz(a,h)anthracene	1,500	60	92	33 J	67
Indeno(1,2,3-c,d)pyrene	15,000	190	280	140	160

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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971CC-CS Housing Project 2/13/2013	CV0971DD-CS Housing Project 2/13/2013	CV0971EE-CS Housing Project 2/13/2013	CV0971FF-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	24.49	13.59	33.14	20.83
Barium	46,000	186.36	195.82	401.96	158.11
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	121.4	101.65	124.38	107.74
Lead	400	134.05	111.55	73.81	132.12
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	6.69
PAHs µg/kg					
Benz(a)anthracene	15,000	120	390	100	45
Benzo(a)pyrene	1,500	120	340	100	36
Benzo(b)fluoranthene	15,000	220	580	180	62
Benzo(k)fluoranthene	150,000	62	190	54	30
Chrysene	1,500,000	170	430	140	79
Dibenz(a,h)anthracene	1,500	31	61	19 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	66	200	63	38

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971GG-CS Housing Project 2/13/2013	CV0971GG-CSD Housing Project 2/13/2013	CV0971HH-CS Housing Project 2/13/2013	CV0971II-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	9.69	NA	25.45	13.95
Barium	46,000	258.05	NA	249.02	155.73
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	161.55	NA	164.29	79.44
Lead	400	164.32	NA	248.44	124.13
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	630	540	240	330
Benzo(a)pyrene	1,500	660	520	260	340
Benzo(b)fluoranthene	15,000	1,100	910	420	550
Benzo(k)fluoranthene	150,000	350	320	130	210
Chrysene	1,500,000	750	640	280	390
Dibenz(a,h)anthracene	1,500	150	280	50	70 J
Indeno(1,2,3-c,d)pyrene	15,000	440	450	160	220

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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971JJ-CS Housing Project 2/13/2013	CV0971KK-CS Housing Project 2/13/2013	CV0971LL-CS Housing Project 2/13/2013	CV0971MM-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	34.15	26.8	26.54	13.23
Barium	46,000	232.74	260.79	161.03	183.93
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	130.89	158.51	114.15	109.78
Lead	400	260	189.86	259.15	156.44
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	340	730	170
Benzo(a)pyrene	1,500	1,100	330	800	160
Benzo(b)fluoranthene	15,000	1,700	590	1,300	270
Benzo(k)fluoranthene	150,000	640	170	480	84
Chrysene	1,500,000	1,300	430	910	210
Dibenz(a,h)anthracene	1,500	200	62	160	31
Indeno(1,2,3-c,d)pyrene	15,000	630	200	480	90

Notes:

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- 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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971NN-CS Housing Project 2/13/2013	CV0971OO-CS Housing Project 2/13/2013	CV0971PP-CS Housing Project 2/13/2013	CV0971PP-CSD Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	11.96	42.1	20.11	NA
Barium	46,000	132.02	153.74	218.98	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	122.77	132.2	111.97	NA
Lead	400	193.78	288.54	58.47	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	2,200 J	280	420	320
Benzo(a)pyrene	1,500	2,000 J	310	480	330
Benzo(b)fluoranthene	15,000	3,100 J	520	820	590
Benzo(k)fluoranthene	150,000	1,300 J	180	240	150
Chrysene	1,500,000	2,400 J	360	520	380
Dibenz(a,h)anthracene	1,500	320 J	58	100	79
Indeno(1,2,3-c,d)pyrene	15,000	1,000 J	170	300	220

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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971QQ-CS Housing Project 2/13/2013	CV0971RR-CS Housing Project 2/13/2013	CV0971SS-CS Housing Project 2/13/2013	CV0971TT-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	37.96	33.1	44	39
Barium	46,000	580	203.01	300	260
Cadmium	210	3.6	ND	3.6	2.6
Chromium(III)	350,000	177.28	187.31	151.43	143.8
Lead	400	370	243.62	421.3	346.09
Mercury (elemental)	30	0.46 J	9.36	0.36	7.24
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	0.39 J	ND	0.49 J	0.42 J
PAHs µg/kg					
Benz(a)anthracene	15,000	420 J	450	620	1,300
Benzo(a)pyrene	1,500	450 J	510	730	1,300
Benzo(b)fluoranthene	15,000	720 J	800	1,200	2,000
Benzo(k)fluoranthene	150,000	210 J	260	380	830
Chrysene	1,500,000	490 J	540	780	1,300
Dibenz(a,h)anthracene	1,500	90	92	140	260
Indeno(1,2,3-c,d)pyrene	15,000	270	290	490	780

Notes:

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- 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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971UU-CS Housing Project 2/13/2013	CV0971VV-CS Housing Project 2/13/2013	CV0971VV-CSD Housing Project 2/13/2013	CV0971WW-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	24.89	43	NA	36.64
Barium	46,000	259.11	339.05	NA	300
Cadmium	210	ND	3.5	NA	3.2
Chromium(III)	350,000	125.32	150.71	NA	134.19
Lead	400	352.72	450	NA	530
Mercury (elemental)	30	ND	0.29	NA	0.27
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	0.34 J	NA	0.47 J
PAHs µg/kg					
Benz(a)anthracene	15,000	96	600	410	890
Benzo(a)pyrene	1,500	95	640	420	770
Benzo(b)fluoranthene	15,000	140	1,100	700	1,100
Benzo(k)fluoranthene	150,000	71	320	260	430
Chrysene	1,500,000	100	680	430	710
Dibenz(a,h)anthracene	1,500	19 J	150	82	130
Indeno(1,2,3-c,d)pyrene	15,000	71	410	280	380

Notes:

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- 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
- SP Split sample
- XRF X-ray fluorescence
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CV0971
012200133001045003

	RML	CV0971XX-CS Housing Project 2/13/2013	CV0971YY-CS Housing Project 2/13/2013	CV0971ZZ-CS Housing Project 2/13/2013	CV0971AAA-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	19.22	42.55	17.96	17.13
Barium	46,000	147.31	320	127.57	275.56
Cadmium	210	ND	2	ND	ND
Chromium(III)	350,000	121.35	121.18	93.17	126.68
Lead	400	148.31	324.94	121.07	258.97
Mercury (elemental)	30	ND	0.37	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	0.18 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	110	260	420	880
Benzo(a)pyrene	1,500	110	270	320	830
Benzo(b)fluoranthene	15,000	190	460	570	1,500
Benzo(k)fluoranthene	150,000	51	170	170	560
Chrysene	1,500,000	100	360	450	1,000
Dibenz(a,h)anthracene	1,500	25	49 J	100	140
Indeno(1,2,3-c,d)pyrene	15,000	59	160	290	430

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971BBB-CS Housing Project 2/13/2013	CV0971AB-GS Housing Project 2/12/2013	CV0971AC-GS Housing Project 2/12/2013	CV0971AD-GS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	14.14	17.72	22.62	3.82
Barium	46,000	220.81	195.92	275.82	124.62
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	105.75	121.39	124.98	35.59
Lead	400	193.55	105.36	82.81	24.03
Mercury (elemental)	30	ND	ND	ND	6.39
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	200	830	280	260
Benzo(a)pyrene	1,500	210	730	280	200
Benzo(b)fluoranthene	15,000	400	1,100	420	300
Benzo(k)fluoranthene	150,000	130	460	130	100
Chrysene	1,500,000	250	770	260	210
Dibenz(a,h)anthracene	1,500	39 J	130	62 J	31
Indeno(1,2,3-c,d)pyrene	15,000	110	420	150	88

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971AE-GS Housing Project 2/12/2013	CV0971AF-GS Housing Project 2/12/2013	CV0971AG-GS Housing Project 2/12/2013	CV0971AH-GS Housing Project 2/12/2013
Metals mg/kg *					
Arsenic	39	12.19	17.37	18.86	21.74
Barium	46,000	131.52	175.14	70.91	150.97
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	97.21	122.83	87.95	88.87
Lead	400	74.14	113.58	100.22	185.38
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	420	980	460	750
Benzo(a)pyrene	1,500	410	840	480	700
Benzo(b)fluoranthene	15,000	620	1,300	740	1,100
Benzo(k)fluoranthene	150,000	220	490	280	350
Chrysene	1,500,000	400	910	560	780
Dibenz(a,h)anthracene	1,500	70	140	91	130
Indeno(1,2,3-c,d)pyrene	15,000	240	500	310	420

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971AI-GS Housing Project 2/12/2013	CV0971AJ-GS Housing Project 2/12/2013	CV0971AK-GS Housing Project 2/13/2013	CV0971AL-GS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	13.05	15.69	28.66	8.84
Barium	46,000	129.91	142.37	47.72	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	92.93	105.7	143.39	101.74
Lead	400	152.87	94.24	35.87	38.03
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	1,600 J	260	71	58
Benzo(a)pyrene	1,500	1,400 J	250	68	52
Benzo(b)fluoranthene	15,000	2,100 J	410	120	75
Benzo(k)fluoranthene	150,000	850 J	120	35	29
Chrysene	1,500,000	1,800 J	290	82	54
Dibenz(a,h)anthracene	1,500	250 J	48	16 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	780 J	150	40	30

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	RML	CV0971AM-GS Housing Project 2/13/2013	CV0971AN-GS Housing Project 2/13/2013	CV0971AO-GS Housing Project 2/13/2013	CV0971AP-GS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	13.03	28	29.93	20.78
Barium	46,000	201.59	203.12	39.25	42.21
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	97.18	103.52	129.65	124.03
Lead	400	67.88	67.66	473.05	487.43
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	8.14	8.93	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	140	120	300	240
Benzo(a)pyrene	1,500	150	130	310	230
Benzo(b)fluoranthene	15,000	260	220	470	370
Benzo(k)fluoranthene	150,000	77	68	140	120
Chrysene	1,500,000	180	150	270	240
Dibenz(a,h)anthracene	1,500	34	22 J	63	58
Indeno(1,2,3-c,d)pyrene	15,000	110	84	190	160

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

CV0971
012200133001045003

	CV0971AQ-GS Housing Project 2/13/2013	CV0971AR-GS Housing Project 2/13/2013
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	RML		
Metals mg/kg *			
Arsenic	39	13.93	18.78
Barium	46,000	ND	181.06
Cadmium	210	ND	ND
Chromium(III)	350,000	90.48	130.91
Lead	400	168.13	88.18
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	530
Benzo(a)pyrene	1,500	190	440
Benzo(b)fluoranthene	15,000	310	680
Benzo(k)fluoranthene	150,000	100	260
Chrysene	1,500,000	170	500
Dibenz(a,h)anthracene	1,500	42	78
Indeno(1,2,3-c,d)pyrene	15,000	140	210

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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

FM0018
012200123018003000

	RML	FM0018A-CS Front Yard 2/6/2013	FM0018B-CS Back/Side Yard 2/6/2013	FM0018C-CS Veg Garden 2/6/2013
Metals mg/kg *				
Arsenic	39	10.32	12.04	15.19
Barium	46,000	ND	92.49	133.48
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	277.66	105.48	95.52
Lead	400	79.52	154.72	121.11
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	120	19	160
Benzo(a)pyrene	1,500	60	10 J	130
Benzo(b)fluoranthene	15,000	95	14 J	260
Benzo(k)fluoranthene	150,000	35 J	ND	75
Chrysene	1,500,000	160	13	270
Dibenz(a,h)anthracene	1,500	39 J	ND	33 J
Indeno(1,2,3-c,d)pyrene	15,000	66 J	ND	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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

FM0032
012200123011017000

FM0032A-CS-SP	FM0032B-CS-SP
Front Yard	Back Yard
2/21/2013	2/21/2013

	RML		
Metals mg/kg *			
Arsenic	39	ND	11.69
Barium	46,000	138.11	255.21
Cadmium	210	ND	ND
Chromium(III)	350,000	63.56	78.59
Lead	400	58.89	38.12
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	84	53
Benzo(a)pyrene	1,500	79 J	58 J
Benzo(b)fluoranthene	15,000	140	120
Benzo(k)fluoranthene	150,000	73	39
Chrysene	1,500,000	140 J	90 J
Dibenz(a,h)anthracene	1,500	17 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	67	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
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

FM0033
012200123010009000

	RML	FM0033A-CS Front Yard 2/19/2013	FM0033B-CS Back Yard 2/19/2013	FM0033C-GS Veg Garden 2/19/2013
Metals mg/kg *				
Arsenic	39	5.22	9.73	6.17
Barium	46,000	188.24	87.51	38.88
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	76.88	86.14	51.32
Lead	400	33.21	43.45	24.75
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	150	44	20
Benzo(a)pyrene	1,500	130 J	21 J	18 J
Benzo(b)fluoranthene	15,000	210	45	30
Benzo(k)fluoranthene	150,000	41	14	16
Chrysene	1,500,000	140 J	25 J	32 J
Dibenz(a,h)anthracene	1,500	31 J	5.7 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	67 J	20 J	11 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
- 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, as applicable

FM0034
012200123011018000

FM0034A-CS Front Yard 2/6/2013	FM0034B-CS Back Yard 2/6/2013
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	RML		
Metals mg/kg *			
Arsenic	39	10.11	7.37
Barium	46,000	151.55	41.92
Cadmium	210	ND	ND
Chromium(III)	350,000	62.47	62.95
Lead	400	41.42	47.41
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	42
Benzo(a)pyrene	1,500	47 J	29
Benzo(b)fluoranthene	15,000	70	49
Benzo(k)fluoranthene	150,000	26 J	10
Chrysene	1,500,000	72	41
Dibenz(a,h)anthracene	1,500	25 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	53 J	29

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, as applicable

FM0037
012200123010007000

FM0037A-CS	FM0037B-CS
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML	FM0037A-CS Front Yard 2/19/2013	FM0037B-CS Back Yard 2/19/2013
Metals mg/kg *			
Arsenic	39	ND	6.26
Barium	46,000	118.63	217.69
Cadmium	210	ND	ND
Chromium(III)	350,000	66.85	103.34
Lead	400	109.8	28.99
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	340	200
Benzo(a)pyrene	1,500	300 J	160 J
Benzo(b)fluoranthene	15,000	510	240
Benzo(k)fluoranthene	150,000	220	93
Chrysene	1,500,000	340 J	180 J
Dibenz(a,h)anthracene	1,500	87 J	47 J
Indeno(1,2,3-c,d)pyrene	15,000	200	110

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, as applicable

FM0047
012200132003008000

FM0047A-CS Front Yard 2/21/2013	FM0047B-CS Side Yard 2/21/2013	FM0047C-CS Back Yard 2/21/2013	FM0047D-GS Playset 2/21/2013	FM0047E-CS Side Yard 2/21/2013
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RML

Metals mg/kg *						
Arsenic	39	17.16	7.31	20.58	9.51	19.43
Barium	46,000	119.65	ND	249.89	217.79	99.62
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	65.34	ND	125.22	91.94	98.68
Lead	400	100.96	49.6	187.44	69	176.46
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	3,600	3,600	890	250	2,400
Benzo(a)pyrene	1,500	2,500	2,300	640	150	1,600
Benzo(b)fluoranthene	15,000	3,800	3,300	970	260	2,800
Benzo(k)fluoranthene	150,000	1,700	1,900	410	82	1,100
Chrysene	1,500,000	3,200	3,500	980	250	2,000
Dibenz(a,h)anthracene	1,500	690	550	180	55 J	460
Indeno(1,2,3-c,d)pyrene	15,000	1,900	1,500	330	140	1,000

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, as applicable

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

FM0073
012200123015016000

	RML	FM0073A-CS Vacant Lot 2/21/2013	FM0073B-CS Vacant Lot 2/21/2013
Metals mg/kg *			
Arsenic	39	13.03	15.41
Barium	46,000	106.71	55.77
Cadmium	210	ND	ND
Chromium(III)	350,000	59.27	89.56
Lead	400	79.04	154.89
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140	150
Benzo(a)pyrene	1,500	120 J	100 J
Benzo(b)fluoranthene	15,000	200	180
Benzo(k)fluoranthene	150,000	75	110
Chrysene	1,500,000	140 J	150 J
Dibenz(a,h)anthracene	1,500	30 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	90	74 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, as applicable

FM0099
012200124004002000

FM0099A-CS-SP	FM0099B-CS-SP	FM0099C-CS-SP
Front Yard	Back Yard	Back Yard
2/4/2013	2/4/2013	2/4/2013

	RML			
Metals mg/kg *				
Arsenic	39	28.29	29.14	9.83
Barium	46,000	133.58	155.45	60.62
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	113.65	101.72	89.43
Lead	400	209.4	264.35	53.43
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	57	23	18
Benzo(a)pyrene	1,500	ND	12	6.7 J
Benzo(b)fluoranthene	15,000	ND	22	13 J
Benzo(k)fluoranthene	150,000	ND	8.1 J	ND
Chrysene	1,500,000	21 J	26	13
Dibenz(a,h)anthracene	1,500	ND	4.7 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	11 J	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, as applicable

FM0101
012200124002017000

	RML	FM0101A-CS-SP Front/Side Yard 2/21/2013	FM0101B-CS-SP Back Yard 2/21/2013	FM0101C-CS-SP Back Yard 2/21/2013
Metals mg/kg *				
Arsenic	39	11.22	11.89	13.66
Barium	46,000	196.47	174.36	210.38
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	99.68	122.62	119.36
Lead	400	106.07	56.06	71.24
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	98	190	110
Benzo(a)pyrene	1,500	93 J	200 J	73
Benzo(b)fluoranthene	15,000	210	420	120
Benzo(k)fluoranthene	150,000	58	160	52
Chrysene	1,500,000	140 J	260 J	160
Dibenz(a,h)anthracene	1,500	25 J	54	32
Indeno(1,2,3-c,d)pyrene	15,000	61	150	69

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, as applicable

FM0107
012200124004007000

	RML	FM0107A-CS Vacant Lot 2/21/2013	FM0107A-CSD Vacant Lot 2/21/2013	FM0107B-CS Vacant Lot 2/21/2013
Metals mg/kg *				
Arsenic	39	11.75	NA	7.83
Barium	46,000	209.69	NA	146.65
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	87.7	NA	79.08
Lead	400	38.47	NA	47.98
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	78	97	120
Benzo(a)pyrene	1,500	65 J	67 J	100 J
Benzo(b)fluoranthene	15,000	110	150	170
Benzo(k)fluoranthene	150,000	63	50	67
Chrysene	1,500,000	93 J	100 J	140 J
Dibenz(a,h)anthracene	1,500	22	27 J	39 J
Indeno(1,2,3-c,d)pyrene	15,000	34	39 J	91

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, as applicable

FM0123
012200123017007000

	RML	FM0123A-CS Front Yard 2/6/2013	FM0123A-CSD Front Yard 2/6/2013	FM0123B-CS Back Yard 2/6/2013
Metals mg/kg *				
Arsenic	39	14.78	NA	10.25
Barium	46,000	ND	NA	64.04
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	70.66	NA	69.2
Lead	400	91.44	NA	84.35
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	400	500	33
Benzo(a)pyrene	1,500	170	240	19
Benzo(b)fluoranthene	15,000	360	400	29
Benzo(k)fluoranthene	150,000	91	120	12
Chrysene	1,500,000	330	400	21
Dibenz(a,h)anthracene	1,500	90 J	87 J	6.3 J
Indeno(1,2,3-c,d)pyrene	15,000	200	210	14 J

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
- 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, as applicable

FM0129
012200123017005000

		FM0129A-CS-SP Front Yard 2/27/2013	FM0129B-CS-SP Back Yard 2/27/2013	FM0129C-CS-SP Side Yard 2/27/2013	FM0129D-GS-SP Playset 2/27/2013	FM0129E-GS-SP Playset 2/27/2013
	RML					
Metals mg/kg *						
Arsenic	39	8.91	10.28	11.73	7.23	ND
Barium	46,000	126.09	153.48	124.12	116.63	179.25
Cadmium	210	ND	ND	ND	ND	ND
Chromium(III)	350,000	75.68	112.44	79.26	81.63	111.32
Lead	400	43.17	48.05	32.25	39.84	126.99
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	120	120	290	130	230
Benzo(a)pyrene	1,500	82	100	230	86	160 J
Benzo(b)fluoranthene	15,000	120	160	350	160	270 J
Benzo(k)fluoranthene	150,000	66	62	170	64	110 J
Chrysene	1,500,000	110	130	320	140	200 J
Dibenz(a,h)anthracene	1,500	25	33	75	37	36 J
Indeno(1,2,3-c,d)pyrene	15,000	71	75	170	78	99 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
- 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, as applicable

FM0133
012200123017004002

FM0133A-CS-SP	FM0133B-CS-SP
Front Yard	Back Yard
2/21/2013	2/21/2013

	RML		
Metals mg/kg *			
Arsenic	39	14.86	11.8
Barium	46,000	139.3	169.39
Cadmium	210	ND	ND
Chromium(III)	350,000	94.22	65.62
Lead	400	63.55	33.06
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	290	310
Benzo(a)pyrene	1,500	260 J	250 J
Benzo(b)fluoranthene	15,000	480	400
Benzo(k)fluoranthene	150,000	150	180
Chrysene	1,500,000	330 J	390 J
Dibenz(a,h)anthracene	1,500	60	59 J
Indeno(1,2,3-c,d)pyrene	15,000	170	160

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, as applicable

FM0138
012200123017001000

	RML	FM0138A-CS Front Yard 2/6/2013	FM0138B-CS Back Yard 2/6/2013	FM0138C-CS Back Yard 2/6/2013
Metals mg/kg *				
Arsenic	39	ND	20.81	ND
Barium	46,000	107.49	140.79	127.48
Cadmium	210	ND	0.19 J	12.19
Chromium(III)	350,000	75.81	80.09	90.41
Lead	400	24.73	770	24.27
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	56	12	19
Benzo(a)pyrene	1,500	32	6.2 J	13
Benzo(b)fluoranthene	15,000	59	8 J	24
Benzo(k)fluoranthene	150,000	18	ND	9.5
Chrysene	1,500,000	54	9 J	35
Dibenz(a,h)anthracene	1,500	16 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	29	ND	11 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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

FM0139
012200123010014000

	RML	FM0139A-CS Front Yard 2/6/2013	FM0139B-CS Back Yard 2/6/2013	FM0139C-CS Side Yard 2/6/2013
Metals mg/kg *				
Arsenic	39	27.1	28.39	31.24
Barium	46,000	286.67	155.37	190.47
Cadmium	210	0.61	ND	ND
Chromium(III)	350,000	100	92.28	107.63
Lead	400	690	193.9	224.01
Mercury (elemental)	30	0.17	ND	10.42
Selenium	1,200	1.3 J	ND	ND
Silver	1,200	0.59 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	47,000	35	50
Benzo(a)pyrene	1,500	39,000	20	35
Benzo(b)fluoranthene	15,000	55,000	29	47
Benzo(k)fluoranthene	150,000	26,000	15	32
Chrysene	1,500,000	40,000	34	47
Dibenz(a,h)anthracene	1,500	11,000	12 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	17,000	15 J	30

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, as applicable
BOLD	Shaded values are above the EPA RMLs, dated December 2012

FM0143
012200123008054000

FM0143A-CS-SP Vacant Lot 2/21/2013
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	RML	
Metals mg/kg *		
Arsenic	39	13.14
Barium	46,000	274.06
Cadmium	210	ND
Chromium(III)	350,000	94.88
Lead	400	54.4
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	260
Benzo(a)pyrene	1,500	200
Benzo(b)fluoranthene	15,000	280
Benzo(k)fluoranthene	150,000	130
Chrysene	1,500,000	320
Dibenz(a,h)anthracene	1,500	110
Indeno(1,2,3-c,d)pyrene	15,000	200

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, as applicable

FM0153
012200123010005000

	RML	FM0153A-CS Front Yard 2/6/2013	FM0153B-CS Back Yard 2/6/2013
Metals mg/kg *			
Arsenic	39	10.51	13.6
Barium	46,000	293.98	215.64
Cadmium	210	ND	ND
Chromium(III)	350,000	105.22	93.22
Lead	400	71.26	70.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	19	170
Benzo(a)pyrene	1,500	6.4 J	130
Benzo(b)fluoranthene	15,000	12 J	250
Benzo(k)fluoranthene	150,000	ND	70
Chrysene	1,500,000	12	270
Dibenz(a,h)anthracene	1,500	ND	62 J
Indeno(1,2,3-c,d)pyrene	15,000	10 J	130

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, as applicable

FM0160
012200123008035000

	RML	FM0160A-CS Housing Project 2/13/2013	FM0160B-CS Housing Project 2/13/2013	FM0160C-CS Housing Project 2/13/2013	FM0160C-CSD Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	10.87	ND	ND	NA
Barium	46,000	143.06	332.54	86.3	NA
Cadmium	210	ND	22.99	ND	NA
Chromium(III)	350,000	118.4	109.87	75.09	NA
Lead	400	31.49	60.28	48.41	NA
Mercury (elemental)	30	ND	ND	ND	NA
Selenium	1,200	ND	ND	ND	NA
Silver	1,200	ND	9.51	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	23	33	27 J	47 J
Benzo(a)pyrene	1,500	19	26	23	38
Benzo(b)fluoranthene	15,000	41	69	42	50
Benzo(k)fluoranthene	150,000	15	21	18	25
Chrysene	1,500,000	37	61	34 J	57 J
Dibenz(a,h)anthracene	1,500	ND	5.1 J	5.2 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	9.6 J	13 J	13 J	43

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, as applicable

FM0160
012200123008035000

	RML	FM0160D-CS Housing Project 2/13/2013	FM0160E-CS Housing Project 2/13/2013	FM0160F-CS Housing Project 2/13/2013	FM0160F-CSD Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	7.51	6.63	8.14	NA
Barium	46,000	84.92	141.49	153.18	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	80.98	73.74	102.66	NA
Lead	400	30.21	55.55	50.75	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	33	180	37 J	71 J
Benzo(a)pyrene	1,500	18	100	25	45
Benzo(b)fluoranthene	15,000	32	340	35 J	75 J
Benzo(k)fluoranthene	150,000	13	110	15	25
Chrysene	1,500,000	31	470	32 J	87 J
Dibenz(a,h)anthracene	1,500	8.6 J	36	13 J	22
Indeno(1,2,3-c,d)pyrene	15,000	22 J	110	30	43

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, as applicable

FM0160
012200123008035000

	RML	FM0160G-CS Housing Project 2/13/2013	FM0160H-CS Housing Project 2/13/2013	FM0160I-CS Housing Project 2/13/2013	FM0160J-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	6.09	ND	9.72	9.38
Barium	46,000	154.05	111.49	174.69	164.73
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	77.37	76.93	71.79	99.33
Lead	400	58.05	69.75	37.42	34.83
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	41	110	69	53
Benzo(a)pyrene	1,500	26	80	47	36
Benzo(b)fluoranthene	15,000	39	140	64	52
Benzo(k)fluoranthene	150,000	21	21	41	20
Chrysene	1,500,000	48	120	84	60
Dibenz(a,h)anthracene	1,500	14 J	27	17 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	31	56	45	31

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, as applicable

FM0160
012200123008035000

	RML	FM0160K-CS Housing Project 2/13/2013	FM0160K-CSD Housing Project 2/13/2013	FM0160L-CS Housing Project 2/13/2013
Metals mg/kg *				
Arsenic	39	9.95	NA	8.94
Barium	46,000	128.81	NA	128.63
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	82.89	NA	83.42
Lead	400	36.14	NA	46.01
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	45	55	48
Benzo(a)pyrene	1,500	27	35	33
Benzo(b)fluoranthene	15,000	43	56	53
Benzo(k)fluoranthene	150,000	11	21	16
Chrysene	1,500,000	43	52	57
Dibenz(a,h)anthracene	1,500	11 J	18 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	24	33	30

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, as applicable

FM0161
012200123009001000

	RML	FM0161A-CS Housing Project 2/13/2013	FM0161B-CS Housing Project 2/13/2013	FM0161C-CS Housing Project 2/13/2013	FM0161D-CS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	5.93	7.51	9.23	10.57
Barium	46,000	121.67	183.16	200.55	208.16
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	101.38	74.89	97.24	94.19
Lead	400	35.18	53.11	69.36	44.58
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	33	29	110	32
Benzo(a)pyrene	1,500	17	18	57	20
Benzo(b)fluoranthene	15,000	27	26	64	27
Benzo(k)fluoranthene	150,000	10	15	32 J	8.9 J
Chrysene	1,500,000	21	28	53	37
Dibenz(a,h)anthracene	1,500	8.4 J	8.6 J	19 J	7.3 J
Indeno(1,2,3-c,d)pyrene	15,000	19 J	23 J	39 J	14 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161E-CS Housing Project 2/14/2013	FM0161F-CS Housing Project 2/14/2013	FM0161G-CS Housing Project 2/14/2013	FM0161H-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	8.6	ND	9.5	6.76
Barium	46,000	131.91	199.06	184.71	149.88
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	76.07	81.17	59.65	92.39
Lead	400	52.3	40.65	36.84	49.56
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	120	190	130	61 J
Benzo(a)pyrene	1,500	96	130	94	40 J
Benzo(b)fluoranthene	15,000	140	210	140	68 J
Benzo(k)fluoranthene	150,000	63	66	54	23 J
Chrysene	1,500,000	150	180	140	70 J
Dibenz(a,h)anthracene	1,500	26	36	27	15 J
Indeno(1,2,3-c,d)pyrene	15,000	67	100	60	29 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161H-CSD Housing Project 2/14/2013	FM0161I-CS Housing Project 2/14/2013	FM0161J-CS Housing Project 2/14/2013	FM0161K-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	NA	ND	5.63	8.82
Barium	46,000	NA	166.97	156.04	151.66
Cadmium	210	NA	ND	ND	ND
Chromium(III)	350,000	NA	94.93	95.71	87.55
Lead	400	NA	67.42	45.86	59.75
Mercury (elemental)	30	NA	ND	ND	ND
Selenium	1,200	NA	ND	ND	ND
Silver	1,200	NA	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	220 J	42	55	70
Benzo(a)pyrene	1,500	140 J	32	46 J	62 J
Benzo(b)fluoranthene	15,000	210 J	50	87	110
Benzo(k)fluoranthene	150,000	99 J	19	26	48
Chrysene	1,500,000	230 J	56	66 J	79 J
Dibenz(a,h)anthracene	1,500	43	12 J	11 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	100 J	28	29	38

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161L-CS Housing Project 2/14/2013	FM0161M-CS Housing Project 2/14/2013	FM0161M-CSD Housing Project 2/14/2013	FM0161N-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	ND	10.4	NA	6.99
Barium	46,000	169.9	156.89	NA	233.16
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	73.13	111.66	NA	108.82
Lead	400	34.47	61.61	NA	41.49
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	64	240 J	72 J	77
Benzo(a)pyrene	1,500	58 J	210 J	56 J	38
Benzo(b)fluoranthene	15,000	110	290 J	78 J	90
Benzo(k)fluoranthene	150,000	27	170 J	38 J	31
Chrysene	1,500,000	77 J	250 J	81 J	100
Dibenz(a,h)anthracene	1,500	11 J	40	17 J	10 J
Indeno(1,2,3-c,d)pyrene	15,000	33	110 J	40 J	34

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161O-CS Housing Project 2/14/2013	FM0161P-CS Housing Project 2/14/2013	FM0161Q-CS Housing Project 2/14/2013	FM0161R-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	12.58	8.2	ND	5.02
Barium	46,000	128.43	120.45	138.87	127.94
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	81.22	71.12	95.33	57.85
Lead	400	47.96	47.9	52.03	33.66
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	35	60	70	44
Benzo(a)pyrene	1,500	26	54	51	26
Benzo(b)fluoranthene	15,000	46	90	80	44
Benzo(k)fluoranthene	150,000	15	23	30	13
Chrysene	1,500,000	54	91	79	40
Dibenz(a,h)anthracene	1,500	11 J	20 J	18 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	25	36	41	18 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161S-CS Housing Project 2/14/2013	FM0161T-CS Housing Project 2/14/2013	FM0161U-CS Housing Project 2/14/2013	FM0161U-CSD Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	5.47	8.19	6.81	NA
Barium	46,000	136.87	221.14	60.36	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	89.7	93.85	76.33	NA
Lead	400	36.7	47.18	46.14	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	57	120	43 J	84 J
Benzo(a)pyrene	1,500	ND	91	38 J	71 J
Benzo(b)fluoranthene	15,000	95	160	71 J	130 J
Benzo(k)fluoranthene	150,000	ND	48	23 J	44 J
Chrysene	1,500,000	97	140	62 J	110 J
Dibenz(a,h)anthracene	1,500	16 J	26	11 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	37	64	30	53

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
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	RML	FM0161V-CS Housing Project 2/14/2013	FM0161W-CS Housing Project 2/14/2013	FM0161X-CS Housing Project 2/14/2013	FM0161Y-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	13.24	ND	8.03	8.81
Barium	46,000	170.63	133.18	121.29	160.94
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	103.45	97.81	79.6	91.41
Lead	400	69.76	57.8	44.54	48.36
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	100	110	160	210
Benzo(a)pyrene	1,500	90	89	130	150
Benzo(b)fluoranthene	15,000	160	190	240	300
Benzo(k)fluoranthene	150,000	52	54	66	77
Chrysene	1,500,000	150	190	200	330
Dibenz(a,h)anthracene	1,500	30 J	27 J	37 J	56 J
Indeno(1,2,3-c,d)pyrene	15,000	69 J	70 J	89	110

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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BOLD Shaded values are above the EPA RMLs, dated December 2012

FM0161
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	RML	FM0161Z-CS Housing Project 2/14/2013	FM0161AA-CS Housing Project 2/14/2013	FM0161AB-GS Housing Project 2/13/2013	FM0161AC-GS Housing Project 2/13/2013
Metals mg/kg *					
Arsenic	39	9.24	6.62	9.38	6.81
Barium	46,000	173.98	139.15	181.79	158.69
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	76.54	75.52	87.25	88.2
Lead	400	42.65	48.44	50.96	54.44
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	150	260	61	46
Benzo(a)pyrene	1,500	140	240	38	32
Benzo(b)fluoranthene	15,000	250	400	55	48
Benzo(k)fluoranthene	150,000	87	140	24	19
Chrysene	1,500,000	220	310	56	61
Dibenz(a,h)anthracene	1,500	35	55	15 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	89	160	31	25

Notes:

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- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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BOLD Shaded values are above the EPA RMLs, dated December 2012

FM0161
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	RML	FM0161AD-GS Housing Project 2/14/2013	FM0161AE-GS Housing Project 2/14/2013	FM0161AF-GS Housing Project 2/14/2013	FM0161AG-GS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	ND	9.14	15.75	7.31
Barium	46,000	161.21	148.21	109.53	226.2
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	87.29	77.29	102.31	88.61
Lead	400	45.05	43.36	48.22	35.72
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	100	130	69	140
Benzo(a)pyrene	1,500	77	110 J	59 J	110 J
Benzo(b)fluoranthene	15,000	120	170	100	200
Benzo(k)fluoranthene	150,000	39	83	41	74
Chrysene	1,500,000	110	140 J	70 J	140 J
Dibenz(a,h)anthracene	1,500	23	23	14 J	28
Indeno(1,2,3-c,d)pyrene	15,000	55	67	39	74

Notes:

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- 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
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FM0161
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	RML	FM0161AH-GS Housing Project 2/14/2013	FM0161AI-GS Housing Project 2/14/2013	FM0161AJ-GS Housing Project 2/14/2013	FM0161AK-GS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	ND	6.52	6.93	8.27
Barium	46,000	35.03	ND	189.03	100.97
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	56.51	57.74	87.68	69.22
Lead	400	37.08	29.77	48.6	65.53
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	92	47	94	47
Benzo(a)pyrene	1,500	98 J	23 J	76 J	43 J
Benzo(b)fluoranthene	15,000	180	32	130	61
Benzo(k)fluoranthene	150,000	75	18	53	30
Chrysene	1,500,000	130 J	26 J	110 J	61 J
Dibenz(a,h)anthracene	1,500	21	ND	17 J	8.8 J
Indeno(1,2,3-c,d)pyrene	15,000	68	ND	54	28

Notes:

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- 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
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FM0161
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	RML	FM0161AL-GS Housing Project 2/14/2013	FM0161AM-GS Housing Project 2/14/2013	FM0161AN-GS Housing Project 2/14/2013	FM0161AO-GS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	8.18	9.5	ND	8.02
Barium	46,000	126.6	85.42	66.57	109.32
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	74.51	132.98	104.89	61.78
Lead	400	37.5	31.04	46.83	32.83
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	99	27	ND	77
Benzo(a)pyrene	1,500	86 J	16 J	27 J	49
Benzo(b)fluoranthene	15,000	220	33	120	89
Benzo(k)fluoranthene	150,000	66	8.4 J	38	13
Chrysene	1,500,000	190 J	28 J	ND	92
Dibenz(a,h)anthracene	1,500	18 J	5.6 J	ND	19 J
Indeno(1,2,3-c,d)pyrene	15,000	45	14 J	34 J	34

Notes:

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- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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BOLD Shaded values are above the EPA RMLs, dated December 2012

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	RML	FM0161AP-GS Housing Project 2/14/2013	FM0161AQ-GS Housing Project 2/14/2013	FM0161AR-GS Housing Project 2/14/2013	FM0161AS-GS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	6.99	9.22	9.06	5.29
Barium	46,000	ND	168.31	155.79	164.07
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	42.17	71.9	75.21	71.68
Lead	400	61.39	54.92	62.13	19.64
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	210	270	73	510
Benzo(a)pyrene	1,500	130	280	44	230
Benzo(b)fluoranthene	15,000	240	480	74	320
Benzo(k)fluoranthene	150,000	95	160	30	200
Chrysene	1,500,000	340	420	89	410
Dibenz(a,h)anthracene	1,500	84 J	63 J	12 J	50
Indeno(1,2,3-c,d)pyrene	15,000	120	210	28	110

Notes:

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- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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BOLD Shaded values are above the EPA RMLs, dated December 2012

FM0161
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	RML	FM0161AT-GS Housing Project 2/14/2013	FM0161AU-GS Housing Project 2/14/2013	FM0161AV-GS Housing Project 2/19/2013	FM0161AW-GS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	15.15	9.08	10.16	7.7
Barium	46,000	249.34	192.64	147.37	190.06
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	125.45	72.52	90.03	101.61
Lead	400	23.06	43.24	55.77	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	15	140	3,800	110
Benzo(a)pyrene	1,500	7.4 J	85	2,800	83
Benzo(b)fluoranthene	15,000	9.3 J	130	4,800	130
Benzo(k)fluoranthene	150,000	5.1 J	45	1,100	39
Chrysene	1,500,000	8.7 J	150	3,600	130
Dibenz(a,h)anthracene	1,500	ND	28 J	550	26 J
Indeno(1,2,3-c,d)pyrene	15,000	7.6 J	55 J	1,300	54

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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FM0161
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	RML	FM0161AX-GS Housing Project 2/19/2013	FM0161AY-GS Housing Project 2/19/2013	FM0161AZ-GS Housing Project 2/19/2013	FM0161BB-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	10.85	6.7	ND	10.02
Barium	46,000	151.85	147.13	241.06	146.5
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	147.28	87.11	83.93	79.17
Lead	400	17.85	48.89	54.8	40.16
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	270	95	77	130
Benzo(a)pyrene	1,500	130	81	73	95
Benzo(b)fluoranthene	15,000	190	150	130	150
Benzo(k)fluoranthene	150,000	87	51	44	65
Chrysene	1,500,000	260	130	100	170
Dibenz(a,h)anthracene	1,500	32	23 J	20 J	34
Indeno(1,2,3-c,d)pyrene	15,000	67	59	58	99

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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FM0161
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	RML	FM0161BB-CSD Housing Project 2/14/2013	FM0161CC-CS Housing Project 2/14/2013	FM0161DD-CS Housing Project 2/14/2013	FM0161EE-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	NA	10.78	10.81	ND
Barium	46,000	NA	164.73	201.22	151.52
Cadmium	210	NA	ND	ND	ND
Chromium(III)	350,000	NA	79.52	68.27	98.47
Lead	400	NA	47.23	36.15	30.47
Mercury (elemental)	30	NA	ND	ND	ND
Selenium	1,200	NA	ND	ND	ND
Silver	1,200	NA	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	97	110	47	88
Benzo(a)pyrene	1,500	70	80	28 J	69
Benzo(b)fluoranthene	15,000	100	160	49	130
Benzo(k)fluoranthene	150,000	56	45	20 J	30
Chrysene	1,500,000	110	140	65	110
Dibenz(a,h)anthracene	1,500	26	39	16 J	24 J
Indeno(1,2,3-c,d)pyrene	15,000	53	78	27	55

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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FM0161
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	RML	FM0161FF-CS Housing Project 2/14/2013	FM0161GG-CS Housing Project 2/14/2013	FM0161HH-CS Housing Project 2/14/2013	FM0161II-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	9.31	6.49	9.8	6.34
Barium	46,000	218.88	151	147.61	143.62
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	82.79	60.44	101.5	89.45
Lead	400	45.7	50.51	49.83	48.48
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	85	120	180	110
Benzo(a)pyrene	1,500	51	84	87	72
Benzo(b)fluoranthene	15,000	93	130	140	110
Benzo(k)fluoranthene	150,000	33	66	65	42
Chrysene	1,500,000	100	160	170	140
Dibenz(a,h)anthracene	1,500	19 J	40	37 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	49	72	43 J	52

Notes:

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- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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FM0161
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	RML	FM0161JJ-CS Housing Project 2/14/2013	FM0161KK-CS Housing Project 2/14/2013	FM0161LL-CS Housing Project 2/14/2013	FM0161MM-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	7.07	8.95	ND	12.64
Barium	46,000	104.61	146.79	112.04	130.29
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	59.7	93.65	70.39	57.13
Lead	400	40.54	64.35	59.72	61.96
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	54	100	75	170
Benzo(a)pyrene	1,500	38	70	45	99
Benzo(b)fluoranthene	15,000	62	120	81	150
Benzo(k)fluoranthene	150,000	23	48	29	89
Chrysene	1,500,000	94	140	83	160
Dibenz(a,h)anthracene	1,500	15 J	30	13 J	36 J
Indeno(1,2,3-c,d)pyrene	15,000	36	57	33	110

Notes:

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- EPA U.S. Environmental Protection Agency
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- 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
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FM0161
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	RML	FM0161NN-CS Housing Project 2/14/2013	FM0161OO-CS Housing Project 2/14/2013	FM0161PP-CS Housing Project 2/14/2013	FM0161QQ-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	8.07	9.57	ND	ND
Barium	46,000	133.5	146.7	152.25	93.75
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	76.33	73.06	87.14	80.85
Lead	400	35.49	37.86	67.61	87.37
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	110	180	97	86 J
Benzo(a)pyrene	1,500	50 J	120	63	59
Benzo(b)fluoranthene	15,000	82	140	100	96
Benzo(k)fluoranthene	150,000	43 U	82	45	39
Chrysene	1,500,000	74	140	100	100
Dibenz(a,h)anthracene	1,500	110 U	42 J	25 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	47 J	96 J	49	44

Notes:

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- CSD Composite sample, duplicate
- 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
- NA Not analyzed
- ND Not detected
- PAHs Polycyclic aromatic hydrocarbons
- RML EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
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FM0161
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	RML	FM0161QQ-CSD Housing Project 2/14/2013	FM0161RR-CS Housing Project 2/14/2013	FM0161SS-CS Housing Project 2/14/2013	FM0161TT-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	NA	ND	ND	12.63
Barium	46,000	NA	92.47	84.36	167.86
Cadmium	210	NA	ND	ND	ND
Chromium(III)	350,000	NA	77.51	94.62	81.19
Lead	400	NA	56.35	94.51	51.3
Mercury (elemental)	30	NA	ND	ND	ND
Selenium	1,200	NA	ND	ND	ND
Silver	1,200	NA	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	150 J	47	55	99
Benzo(a)pyrene	1,500	110	25	32	47
Benzo(b)fluoranthene	15,000	110	50	49	73
Benzo(k)fluoranthene	150,000	60	17	30	41
Chrysene	1,500,000	130	46	53	68
Dibenz(a,h)anthracene	1,500	42 J	13 J	12 J	22 J
Indeno(1,2,3-c,d)pyrene	15,000	64 J	23	23	33 J

Notes:

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- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161UU-CS Housing Project 2/14/2013	FM0161UU-CSD Housing Project 2/14/2013	FM0161VV-CS Housing Project 2/14/2013	FM0161WW-CS Housing Project 2/14/2013
Metals mg/kg *					
Arsenic	39	ND	NA	8.68	5.51
Barium	46,000	168.33	NA	172.18	162.29
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	69.17	NA	98.82	85.81
Lead	400	41.68	NA	63.23	37.15
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	84	84	220	65
Benzo(a)pyrene	1,500	44 J	83 J	180	57
Benzo(b)fluoranthene	15,000	90 J	160 J	320	95
Benzo(k)fluoranthene	150,000	38	44	100	32
Chrysene	1,500,000	98	140	280	80
Dibenz(a,h)anthracene	1,500	12 J	21	48 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	35	58	130	38

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161XX-CS Housing Project 2/14/2013	FM0161YY-CS Housing Project 2/14/2013	FM0161ZZ-CS Housing Project 2/14/2013	FM0161AAA-CS Housing Project 2/15/2013
Metals mg/kg *					
Arsenic	39	6.95	9.39	7.83	10.84
Barium	46,000	170.9	131.36	133.65	163.03
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	71.43	68.91	72.27	90.69
Lead	400	42.23	42.71	49.76	48.54
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	68	52	63	84
Benzo(a)pyrene	1,500	56	44	55	73
Benzo(b)fluoranthene	15,000	110	87	95	140
Benzo(k)fluoranthene	150,000	25 J	26	36	39
Chrysene	1,500,000	110	74	80	99
Dibenz(a,h)anthracene	1,500	ND	12 J	15 J	17 J
Indeno(1,2,3-c,d)pyrene	15,000	41 J	30	35	49

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161ABB-GS Housing Project 2/19/2013	FM0161ACC-GS Housing Project 2/19/2013	FM0161ADD-GS Housing Project 2/19/2013	FM0161AEE-GS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	8.67	9.71	9.17	ND
Barium	46,000	175.99	143.52	49.33	123.35
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	99.39	121.99	84.2	76.4
Lead	400	55.13	19.44	23.61	16.81
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	6.88	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	120	26	33	49
Benzo(a)pyrene	1,500	110	20	33 J	35 J
Benzo(b)fluoranthene	15,000	250	33	57	60
Benzo(k)fluoranthene	150,000	69	11	16	20
Chrysene	1,500,000	170	32	50 J	46 J
Dibenz(a,h)anthracene	1,500	29	ND	12 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	87	14 J	22 J	31

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161BBB-CS Housing Project 2/15/2013	FM0161CCC-CS Housing Project 2/15/2013	FM0161DDD-CS Housing Project 2/15/2013	FM0161EEE-CS Housing Project 2/15/2013
Metals mg/kg *					
Arsenic	39	5.37	6.09	6.52	5.43
Barium	46,000	170.17	199.31	147.81	106.33
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	82.36	70.12	93.48	76.71
Lead	400	39.57	45.94	43.89	46.84
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	62	110	51	96
Benzo(a)pyrene	1,500	56	97	43 J	76
Benzo(b)fluoranthene	15,000	100	220	76	130
Benzo(k)fluoranthene	150,000	33	59	26	46
Chrysene	1,500,000	89	140	67 J	110
Dibenz(a,h)anthracene	1,500	13 J	22	10 J	15 J
Indeno(1,2,3-c,d)pyrene	15,000	33	62	29	42

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161FFF-CS Housing Project 2/15/2013	FM0161GGG-CS Housing Project 2/15/2013	FM0161GGG-CSD Housing Project 2/15/2013	FM0161HHH-CS Housing Project 2/15/2013
Metals mg/kg *					
Arsenic	39	9.3	ND	NA	6.06
Barium	46,000	166.25	112.01	NA	122.54
Cadmium	210	0.24 J	ND	NA	ND
Chromium(III)	350,000	78.24	86.44	NA	84.92
Lead	400	82	49.36	NA	50.13
Mercury (elemental)	30	0.048	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	110	87	120	130
Benzo(a)pyrene	1,500	91	80	110	120
Benzo(b)fluoranthene	15,000	180	160	220	250
Benzo(k)fluoranthene	150,000	55	48 J	75 J	67
Chrysene	1,500,000	160	120	180	170
Dibenz(a,h)anthracene	1,500	22 J	18 J	26 J	27
Indeno(1,2,3-c,d)pyrene	15,000	60 J	45	62	66

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161III-CS Housing Project 2/15/2013	FM0161JJJ-CS Housing Project 2/15/2013	FM0161KKK-CS Housing Project 2/19/2013	FM0161LLL-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	13.48	10.49	8.11	8.57
Barium	46,000	163.98	134.44	132.75	128.3
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	76.39	70.01	79.57	91.14
Lead	400	45.41	48.58	41.53	41.29
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	160	120	63	58
Benzo(a)pyrene	1,500	160	120	57	52 J
Benzo(b)fluoranthene	15,000	310	230	110	86
Benzo(k)fluoranthene	150,000	93	67	35	32
Chrysene	1,500,000	220	160	77	69 J
Dibenz(a,h)anthracene	1,500	39	22 J	11 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	85	56	32	31

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161MMM-CS Housing Project 2/19/2013	FM0161NNN-CS Housing Project 2/19/2013	FM0161OOO-CS Housing Project 2/19/2013	FM0161PPP-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	8.88	9.57	8.7	ND
Barium	46,000	168.34	149.95	184.82	113.18
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	114.24	138.03	96.26	80.13
Lead	400	36.37	29.47	88.41	52.21
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	47	70	64	71
Benzo(a)pyrene	1,500	47 J	58 J	61 J	71 J
Benzo(b)fluoranthene	15,000	62	98	110	120
Benzo(k)fluoranthene	150,000	48	49	42	36
Chrysene	1,500,000	51 J	89 J	90 J	87 J
Dibenz(a,h)anthracene	1,500	12 J	16 J	15 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	24	37	49	48

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161QQQ-CS Housing Project 2/19/2013	FM0161RRR-CS Housing Project 2/19/2013	FM0161SSS-CS Housing Project 2/19/2013	FM0161TTT-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	7.93	8.57	7.32	15.48
Barium	46,000	111.93	116.75	65.74	108.14
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	72.12	85.05	83.74	90.62
Lead	400	40.64	54.61	44.24	107.35
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	84	54	28	29
Benzo(a)pyrene	1,500	80 J	47 J	26 J	25 J
Benzo(b)fluoranthene	15,000	140	93	43	42
Benzo(k)fluoranthene	150,000	49	27	11	14
Chrysene	1,500,000	100 J	60 J	33 J	34 J
Dibenz(a,h)anthracene	1,500	19 J	12 J	6.9 J	6.7 J
Indeno(1,2,3-c,d)pyrene	15,000	52	30	17 J	19 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161UUU-CS Housing Project 2/19/2013	FM0161VVV-CS Housing Project 2/19/2013	FM0161VVV-CSD Housing Project 2/19/2013	FM0161WWW-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	7.7	6.81	NA	7.94
Barium	46,000	169.75	159.81	NA	156.03
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	117.67	57.41	NA	72.43
Lead	400	59.1	51.03	NA	38.38
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	170	180 J	86 J	39
Benzo(a)pyrene	1,500	160 J	140 J	74 J	43 J
Benzo(b)fluoranthene	15,000	290	270 J	150 J	55
Benzo(k)fluoranthene	150,000	100	89 J	51 J	30
Chrysene	1,500,000	200 J	220 J	110 J	51 J
Dibenz(a,h)anthracene	1,500	33	34	21	13 J
Indeno(1,2,3-c,d)pyrene	15,000	99	88	50	27

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161XXX-CS Housing Project 2/19/2013	FM0161YYY-CS Housing Project 2/19/2013	FM0161YYY-CSD Housing Project 2/19/2013	FM0161ZZZ-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	7.72	9.27	NA	8.59
Barium	46,000	150.49	168.29	NA	38.46
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	96.62	112.29	NA	78.35
Lead	400	69.54	69.42	NA	43.23
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	190	250 J	160 J	74
Benzo(a)pyrene	1,500	150 J	170	84	43
Benzo(b)fluoranthene	15,000	250	240 J	130 J	88
Benzo(k)fluoranthene	150,000	87	79	51	16
Chrysene	1,500,000	180 J	290 J	130 J	90
Dibenz(a,h)anthracene	1,500	29	42 J	67 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	82	130	68 J	40

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161AAAA-CS Housing Project 2/19/2013	FM0161BBBB-CS Housing Project 2/19/2013	FM0161CCCC-CS Housing Project 2/19/2013	FM0161DDDD-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	5.28	9.24	7.28	9.02
Barium	46,000	159.02	183.48	123.67	104.58
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	103.84	107.03	76.04	81.51
Lead	400	37.61	22.33	18.29	33.65
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	96	68	61	73
Benzo(a)pyrene	1,500	65	38	34	46
Benzo(b)fluoranthene	15,000	110	59	53	79
Benzo(k)fluoranthene	150,000	49	31	35	25
Chrysene	1,500,000	130	68	69	95
Dibenz(a,h)anthracene	1,500	25 J	16 J	12 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	64	27	32	36

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161EEEE-CS Housing Project 2/19/2013	FM0161FFFF-CS Housing Project 2/19/2013	FM0161GGGG-CS Housing Project 2/19/2013	FM0161GGGG-CSD Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	7.75	8.29	10.13	NA
Barium	46,000	55.35	130.67	211.33	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	70.49	75.23	87.04	NA
Lead	400	54.1	56.38	20.8	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	62	89	42	54
Benzo(a)pyrene	1,500	37	64	28	35
Benzo(b)fluoranthene	15,000	67	100	42	44
Benzo(k)fluoranthene	150,000	15	36	14	26
Chrysene	1,500,000	58	120	49	48
Dibenz(a,h)anthracene	1,500	13 J	18 J	7.7 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	32	45	22 J	20 J

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161HHHH-CS Housing Project 2/19/2013	FM0161IIII-CS Housing Project 2/19/2013	FM0161JJJJ-CS Housing Project 2/19/2013	FM0161KKKK-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	5.59	10.41	9.72	8.27
Barium	46,000	96.82	123.51	156.98	165.97
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	69.9	83.96	79.67	82.36
Lead	400	41.1	66.95	44.01	39.4
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	120	150	260	65
Benzo(a)pyrene	1,500	55	160 J	210 J	58 J
Benzo(b)fluoranthene	15,000	80	270	320	120
Benzo(k)fluoranthene	150,000	41 J	120	160	30
Chrysene	1,500,000	67	200 J	270 J	96 J
Dibenz(a,h)anthracene	1,500	27 J	40	37	19 J
Indeno(1,2,3-c,d)pyrene	15,000	45 J	94	130	39

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161LLLL-CS Housing Project 2/19/2013	FM0161LLLL-CSD Housing Project 2/19/2013	FM0161MMMM-CS Housing Project 2/19/2013	FM0161NNNN-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	8.82	NA	7.83	8.23
Barium	46,000	109.57	NA	87.74	147.76
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	86.04	NA	66.97	76.4
Lead	400	41.13	NA	30.96	41.97
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	78	87	180	76
Benzo(a)pyrene	1,500	75 J	65 J	140 J	69 J
Benzo(b)fluoranthene	15,000	140	150	310	140
Benzo(k)fluoranthene	150,000	39	40	76	34
Chrysene	1,500,000	110 J	120 J	210 J	100 J
Dibenz(a,h)anthracene	1,500	18 J	24 J	28	15 J
Indeno(1,2,3-c,d)pyrene	15,000	52	55	84	42

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161OOOO-CS Housing Project 2/19/2013	FM0161PPPP-CS Housing Project 2/19/2013	FM0161PPPP-CSD Housing Project 2/19/2013	FM0161QQQQ-CS Housing Project 2/19/2013
Metals mg/kg *					
Arsenic	39	7.48	ND	NA	7.09
Barium	46,000	182.44	ND	NA	109.09
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	71.7	54.77	NA	75.75
Lead	400	54.58	63.21	NA	53.37
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	91	79	86	76
Benzo(a)pyrene	1,500	91 J	72 J	80 J	63 J
Benzo(b)fluoranthene	15,000	150	120	130	120
Benzo(k)fluoranthene	150,000	65	55	61	30
Chrysene	1,500,000	120 J	120 J	110 J	110 J
Dibenz(a,h)anthracene	1,500	21 J	18 J	19 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	53	44	56	32

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0161
012200123009001000

	RML	FM0161RRRR-CS Housing Project 2/19/2013	FM0161SSSS-CS Housing Project 2/19/2013	FM0161TTTT-CS Housing Project 2/19/2013
Metals mg/kg *				
Arsenic	39	10.8	ND	ND
Barium	46,000	145.01	138.54	191.75
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	81.87	115.86	82.17
Lead	400	36.86	39.09	36.87
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	78	56
Benzo(a)pyrene	1,500	45 J	67 J	48 J
Benzo(b)fluoranthene	15,000	94	110	99
Benzo(k)fluoranthene	150,000	29	47	25
Chrysene	1,500,000	77 J	90 J	87 J
Dibenz(a,h)anthracene	1,500	21 J	19 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	26	47	30

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- 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
- 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, as applicable

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

FM0166
012200123008017000

FM0166A-CS Front Yard 2/26/2013

RML

Metals mg/kg *		
Arsenic	39	9.87
Barium	46,000	156.05
Cadmium	210	ND
Chromium(III)	350,000	56.89
Lead	400	32.36
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	32
Benzo(a)pyrene	1,500	23 J
Benzo(b)fluoranthene	15,000	39
Benzo(k)fluoranthene	150,000	21
Chrysene	1,500,000	27 J
Dibenz(a,h)anthracene	1,500	7.6 J
Indeno(1,2,3-c,d)pyrene	15,000	15 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, as applicable

FM0174
012200123008021000

	RML	FM0174A-CS Front Yard 2/28/2013	FM0174B-CS Back Yard 2/28/2013
Metals mg/kg *			
Arsenic	39	ND	11.37
Barium	46,000	141.07	165.86
Cadmium	210	ND	ND
Chromium(III)	350,000	112.22	69.86
Lead	400	164.4	157.86
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	450	900
Benzo(a)pyrene	1,500	440	700
Benzo(b)fluoranthene	15,000	820	1,200
Benzo(k)fluoranthene	150,000	260	400
Chrysene	1,500,000	530	830
Dibenz(a,h)anthracene	1,500	98 J	120
Indeno(1,2,3-c,d)pyrene	15,000	280	300

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, as applicable

FM0178
012200123008023000

	RML	FM0178A-CS Front/Side Yard 2/28/2013	FM0178B-CS Back/Side Yard 2/28/2013	FM0178C-CS Terrace 2/28/2013
Metals mg/kg *				
Arsenic	39	7.83	14.38	30.93
Barium	46,000	147.88	142.57	210
Cadmium	210	ND	ND	2.6
Chromium(III)	350,000	84.54	134.94	88.65
Lead	400	56.67	142.86	490
Mercury (elemental)	30	ND	ND	0.37
Selenium	1,200	ND	ND	1.4 J
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	510	290	390
Benzo(a)pyrene	1,500	540	320 J	370
Benzo(b)fluoranthene	15,000	1,100	610	750
Benzo(k)fluoranthene	150,000	360	260	230
Chrysene	1,500,000	590	310 J	480
Dibenz(a,h)anthracene	1,500	97 J	80	67
Indeno(1,2,3-c,d)pyrene	15,000	250	210	180

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

FM0186
012200123008011000

FM0186A-CS Vacant Lot 2/28/2013	FM0186B-CS Vacant Lot 2/28/2013
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	RML	FM0186A-CS Vacant Lot 2/28/2013	FM0186B-CS Vacant Lot 2/28/2013
Metals mg/kg *			
Arsenic	39	18.68	26.55
Barium	46,000	174.89	54.17
Cadmium	210	ND	ND
Chromium(III)	350,000	87.42	112.03
Lead	400	133.79	193.36
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,200	170
Benzo(a)pyrene	1,500	1,200 J	170 J
Benzo(b)fluoranthene	15,000	1,800	240
Benzo(k)fluoranthene	150,000	850	110
Chrysene	1,500,000	1,100 J	220 J
Dibenz(a,h)anthracene	1,500	280	34
Indeno(1,2,3-c,d)pyrene	15,000	680	96

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, as applicable

FM0225
012200123007001000

FM0225A-CS-SP	FM0225B-CS-SP
Front/Side Yard	Back Yard
2/26/2013	2/26/2013

	RML	2/26/2013	2/26/2013
Metals mg/kg *			
Arsenic	39	12.97	17.48
Barium	46,000	230.77	218.95
Cadmium	210	ND	ND
Chromium(III)	350,000	88.03	106.21
Lead	400	23.71	95.84
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	17	26
Benzo(a)pyrene	1,500	8.8 J	12 J
Benzo(b)fluoranthene	15,000	ND	16 J
Benzo(k)fluoranthene	150,000	ND	8.2 J
Chrysene	1,500,000	ND	13 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, as applicable

FM0243
012200123004062000

	RML	FM0243A-CS Vacant Lot 2/20/2013	FM0243B-CS Vacant Lot 2/20/2013	FM0243C-CS Vacant Lot 2/20/2013
Metals mg/kg *				
Arsenic	39	5.21	4.31	9.46
Barium	46,000	251.58	209.04	215.94
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	76.22	87.81	87.94
Lead	400	27.18	7.74	55.98
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	ND	56
Benzo(a)pyrene	1,500	16	ND	38
Benzo(b)fluoranthene	15,000	20	ND	60
Benzo(k)fluoranthene	150,000	9.3 J	ND	31
Chrysene	1,500,000	24	ND	56
Dibenz(a,h)anthracene	1,500	5.3 J	ND	15 J
Indeno(1,2,3-c,d)pyrene	15,000	9.6 J	ND	33

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, as applicable

FM0289
012200123015008000

	RML	FM0289A-CS Front Yard 2/28/2013	FM0289B-CS Back Yard 2/28/2013
Metals mg/kg *			
Arsenic	39	15.05	20.98
Barium	46,000	199.61	200.51
Cadmium	210	ND	ND
Chromium(III)	350,000	80.22	79.94
Lead	400	69.3	103.5
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	320	140
Benzo(a)pyrene	1,500	290 J	120 J
Benzo(b)fluoranthene	15,000	440	200
Benzo(k)fluoranthene	150,000	230	94
Chrysene	1,500,000	350 J	180 J
Dibenz(a,h)anthracene	1,500	60	30
Indeno(1,2,3-c,d)pyrene	15,000	190	84

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, as applicable

FM0324
012200123014006000

	RML	FM0324A-CS Front Yard 2/26/2013	FM0324A-CSD Front Yard 2/26/2013	FM0324B-CS Back Yard 2/26/2013
Metals mg/kg *				
Arsenic	39	19.69	NA	33.13
Barium	46,000	218.07	NA	250
Cadmium	210	ND	NA	2.3
Chromium(III)	350,000	88.56	NA	121.71
Lead	400	173.22	NA	430
Mercury (elemental)	30	ND	NA	0.32
Selenium	1,200	ND	NA	2.4 J
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	230 J	87 J	25
Benzo(a)pyrene	1,500	130 J	68 J	14 J
Benzo(b)fluoranthene	15,000	220 J	110 J	23
Benzo(k)fluoranthene	150,000	130 J	31 J	ND
Chrysene	1,500,000	190 J	82 J	16 J
Dibenz(a,h)anthracene	1,500	44 J	18 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	91 J	50	ND

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, as applicable

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

HP0008
012200131008005000

HP0008A-CS-SP	HP0008B-CS-SP
Vacant Lot	Vacant Lot
2/28/2013	2/28/2013

	RML		
Metals mg/kg *			
Arsenic	39	32.54	21.49
Barium	46,000	211.01	308.18
Cadmium	210	ND	ND
Chromium(III)	350,000	109.68	167.37
Lead	400	95.01	172.88
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	100 J	140 J
Benzo(b)fluoranthene	15,000	150	250
Benzo(k)fluoranthene	150,000	69	96
Chrysene	1,500,000	110 J	210 J
Dibenz(a,h)anthracene	1,500	24 J	30
Indeno(1,2,3-c,d)pyrene	15,000	70	93

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, as applicable

HP0015
012300073014013001

	RML	HP0015A-CS Vacant Lot 2/20/2013	HP0015B-CS Vacant Lot 2/20/2013
Metals mg/kg *			
Arsenic	39	37 J	34.71
Barium	46,000	320	657.53
Cadmium	210	1.2	ND
Chromium(III)	350,000	139.73	138.67
Lead	400	271.6	126.46
Mercury (elemental)	30	0.12	ND
Selenium	1,200	3.9	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	85	73
Benzo(a)pyrene	1,500	83	64
Benzo(b)fluoranthene	15,000	180	77
Benzo(k)fluoranthene	150,000	77 J	34
Chrysene	1,500,000	220	110
Dibenz(a,h)anthracene	1,500	42 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	120	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, as applicable

HP0018
012300073004003000

	RML	HP0018A-CS Front Yard 2/21/2013	HP0018B-CS Back Yard 2/21/2013	HP0018C-CS Side Yard 2/21/2013	HP0018D-CS Side Yard 2/21/2013	HP0018D-CSD Side Yard 2/21/2013
Metals mg/kg *						
Arsenic	39	26.39	41.79	21.94	17.38	NA
Barium	46,000	204.07	450	280.09	208.31	NA
Cadmium	210	ND	2.9	ND	ND	NA
Chromium(III)	350,000	104.51	142.6	115.73	101.2	NA
Lead	400	268.56	690.71	168.95	94.26	NA
Mercury (elemental)	30	ND	0.37	ND	ND	NA
Selenium	1,200	ND	3.7	ND	ND	NA
Silver	1,200	ND	0.13 J	ND	ND	NA
PAHs µg/kg						
Benz(a)anthracene	15,000	190	420	110	78	81
Benzo(a)pyrene	1,500	170 J	390 J	110 J	73 J	67 J
Benzo(b)fluoranthene	15,000	330	800	200	140	140
Benzo(k)fluoranthene	150,000	160	200	84	57 J	37 J
Chrysene	1,500,000	260 J	570 J	180	140 J	120 J
Dibenz(a,h)anthracene	1,500	45 J	94	33	21	17 J
Indeno(1,2,3-c,d)pyrene	15,000	110	200	74	46	46

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

HP0026
012300073004013000

HP0026A-CS-SP	HP0026B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML		
Metals mg/kg *			
Arsenic	39	ND	16.54
Barium	46,000	441.6	311.49
Cadmium	210	ND	ND
Chromium(III)	350,000	88.89	112.27
Lead	400	20.08	124.71
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	19	250
Benzo(a)pyrene	1,500	13 J	240 J
Benzo(b)fluoranthene	15,000	9.4 J	460
Benzo(k)fluoranthene	150,000	12	240
Chrysene	1,500,000	14 J	290 J
Dibenz(a,h)anthracene	1,500	ND	51
Indeno(1,2,3-c,d)pyrene	15,000	ND	130

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, as applicable

HP0037
012300073012013000

	RML	HP0037A-CS Front Yard 2/26/2013	HP0037B-CS Back Yard 2/26/2013	HP0037C-GS Driveway 2/26/2013
Metals mg/kg *				
Arsenic	39	10.66	50.44	ND
Barium	46,000	173.08	290	152.95
Cadmium	210	ND	0.83	ND
Chromium(III)	350,000	83.54	107.77	100.53
Lead	400	102.26	1,868.75	2,682.97
Mercury (elemental)	30	ND	0.28	ND
Selenium	1,200	ND	2.4 J	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	35	270	55
Benzo(a)pyrene	1,500	30 J	220 J	53 J
Benzo(b)fluoranthene	15,000	50	340	91
Benzo(k)fluoranthene	150,000	15 J	210	59
Chrysene	1,500,000	34 J	240 J	72 J
Dibenz(a,h)anthracene	1,500	ND	47	10 J
Indeno(1,2,3-c,d)pyrene	15,000	19 J	120	37

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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

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

HP0043
012300073012018000

HP0043A-CS-SP	HP0043B-CS-SP
Front Yard	Back Yard
2/19/2013	2/19/2013

	RML		
Metals mg/kg *			
Arsenic	39	12.62	33
Barium	46,000	264.21	249.09
Cadmium	210	ND	1
Chromium(III)	350,000	136.73	192.74
Lead	400	114.9	330
Mercury (elemental)	30	ND	0.23
Selenium	1,200	ND	2 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	570 J
Benzo(a)pyrene	1,500	260 J	600 J
Benzo(b)fluoranthene	15,000	370	1,100 J
Benzo(k)fluoranthene	150,000	130	470 J
Chrysene	1,500,000	180 J	690 J
Dibenz(a,h)anthracene	1,500	52	290
Indeno(1,2,3-c,d)pyrene	15,000	190	850

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, as applicable

HP0044
012300073012019000

HP0044A-CS Vacant Lot 2/21/2013	HP0044B-CS Vacant Lot 2/21/2013
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	RML	HP0044A-CS Vacant Lot 2/21/2013	HP0044B-CS Vacant Lot 2/21/2013
Metals mg/kg *			
Arsenic	39	18.99	23.78
Barium	46,000	138.76	175.96
Cadmium	210	ND	ND
Chromium(III)	350,000	149.97	193.14
Lead	400	85.27	132.72
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	530	190
Benzo(a)pyrene	1,500	510	130
Benzo(b)fluoranthene	15,000	730	240
Benzo(k)fluoranthene	150,000	210	80
Chrysene	1,500,000	500	220
Dibenz(a,h)anthracene	1,500	170	72 J
Indeno(1,2,3-c,d)pyrene	15,000	460	130

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, as applicable

HP0069
012300073014024000

HP0069A-CS-SP Front/Side Yard 2/26/2013	HP0069B-CS-SP Back Yard 2/26/2013
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	RML	HP0069A-CS-SP Front/Side Yard 2/26/2013	HP0069B-CS-SP Back Yard 2/26/2013
Metals mg/kg *			
Arsenic	39	18.22	17.01
Barium	46,000	46.34	142.45
Cadmium	210	ND	ND
Chromium(III)	350,000	80.44	113.33
Lead	400	113.13	91.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	29	26
Benzo(a)pyrene	1,500	23 J	21 J
Benzo(b)fluoranthene	15,000	43	39
Benzo(k)fluoranthene	150,000	17	18
Chrysene	1,500,000	42 J	31 J
Dibenz(a,h)anthracene	1,500	8.9 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	18 J	17 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, as applicable

HP0074
012300073009041000

	RML	HP0074A-CS Front Yard 2/22/2013	HP0074A-CSD Front Yard 2/22/2013	HP0074B-CS Back Yard 2/22/2013
Metals mg/kg *				
Arsenic	39	7.1	NA	19.94
Barium	46,000	199.8	NA	147.33
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	110.84	NA	126.03
Lead	400	65.07	NA	314.17
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	4.36	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	61	75	200
Benzo(a)pyrene	1,500	68	68	200
Benzo(b)fluoranthene	15,000	130	130	410
Benzo(k)fluoranthene	150,000	39	37	120
Chrysene	1,500,000	83	89	240
Dibenz(a,h)anthracene	1,500	14 J	15 J	38
Indeno(1,2,3-c,d)pyrene	15,000	38	41	110

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, as applicable

HP0099
012300073011031000

	RML	HP0099A-CS Front Yard 2/26/2013	HP0099B-CS Side Yard 2/26/2013	HP0099C-CS Side Yard 2/26/2013	HP0099D-CS Back Yard 2/26/2013
Metals mg/kg *					
Arsenic	39	17.59	25.9	21.23	20.66
Barium	46,000	210.9	263.53	141.57	221.31
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	133.56	143.64	146.79	160.94
Lead	400	87.01	86.3	92.16	279.37
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	ND	47	19	19
Benzo(a)pyrene	1,500	9.4 J	32 J	ND	ND
Benzo(b)fluoranthene	15,000	12 J	57	13 J	18 J
Benzo(k)fluoranthene	150,000	8.1 J	17	ND	6.9 J
Chrysene	1,500,000	ND	27 J	7.9 J	15 J
Dibenz(a,h)anthracene	1,500	ND	8 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	15 J	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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

HP0143
012300073009026000

	RML	HP0143A-CS Front Yard 2/21/2013	HP0143B-CS Back Yard 2/21/2013
Metals mg/kg *			
Arsenic	39	14.77	33.51
Barium	46,000	144.43	141.94
Cadmium	210	ND	ND
Chromium(III)	350,000	93.93	124.03
Lead	400	57.23	343.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	280
Benzo(a)pyrene	1,500	190 J	300 J
Benzo(b)fluoranthene	15,000	350	530
Benzo(k)fluoranthene	150,000	84	250
Chrysene	1,500,000	270 J	350 J
Dibenz(a,h)anthracene	1,500	59 J	79 J
Indeno(1,2,3-c,d)pyrene	15,000	120	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, as applicable

HP0158
012300073011007000

	RML	HP0158A-CS Front Yard 2/22/2013	HP0158B-CS Side/Back Yard 2/22/2013	HP0158C-GS Playset 2/22/2013
Metals mg/kg *				
Arsenic	39	17.82	19.35	11.06
Barium	46,000	140.4	140.01	182.92
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	115.5	131.28	121.27
Lead	400	141.57	183.93	156.62
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	140	170	75
Benzo(a)pyrene	1,500	130	140	55
Benzo(b)fluoranthene	15,000	250	270	120
Benzo(k)fluoranthene	150,000	75	83	32
Chrysene	1,500,000	180	280	180
Dibenz(a,h)anthracene	1,500	27 J	35 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	73	70 J	26 J

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
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

HP0159
012300073007015000

HP0159A-CS-SP	HP0159B-CS-SP
Vacant Lot 2/20/2013	Vacant Lot 2/20/2013

	RML		
Metals mg/kg *			
Arsenic	39	21.65	17.7
Barium	46,000	139.87	155.03
Cadmium	210	ND	ND
Chromium(III)	350,000	87.06	93.6
Lead	400	101.57	99.56
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	89	130
Benzo(a)pyrene	1,500	70 J	110
Benzo(b)fluoranthene	15,000	140	230
Benzo(k)fluoranthene	150,000	60	52
Chrysene	1,500,000	120	220
Dibenz(a,h)anthracene	1,500	19 J	33 J
Indeno(1,2,3-c,d)pyrene	15,000	62	88 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, as applicable

HP0160
012300073011006000

	RML	HP0160A-CS Front Yard 2/27/2013	HP0160B-CS Back Yard 2/27/2013
Metals mg/kg *			
Arsenic	39	16.6	ND
Barium	46,000	226.99	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	117.55	27.27
Lead	400	91.22	133.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	90	91
Benzo(a)pyrene	1,500	64	56
Benzo(b)fluoranthene	15,000	110	67
Benzo(k)fluoranthene	150,000	41	55
Chrysene	1,500,000	110	120
Dibenz(a,h)anthracene	1,500	22 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	56	44 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, as applicable

HP0164
012300073007018000

HP0164A-CS-SP	HP0164B-CS-SP
Front Yard	Back Yard
2/26/2013	2/26/2013

	RML		
Metals mg/kg *			
Arsenic	39	30.39	31.29
Barium	46,000	200.75	308.59
Cadmium	210	ND	ND
Chromium(III)	350,000	112.36	127.94
Lead	400	253.57	368.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	29	33
Benzo(a)pyrene	1,500	20 J	25
Benzo(b)fluoranthene	15,000	35 J	53
Benzo(k)fluoranthene	150,000	24 J	14
Chrysene	1,500,000	41 J	51
Dibenz(a,h)anthracene	1,500	ND	7.7 J
Indeno(1,2,3-c,d)pyrene	15,000	12 J	16 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, as applicable

HP0170
012300073007021000

	RML	HP0170A-CS Front/Side Yard 2/21/2013	HP0170B-CS Back Yard 2/21/2013
Metals mg/kg *			
Arsenic	39	18.91	20.07
Barium	46,000	165.41	64.3
Cadmium	210	ND	ND
Chromium(III)	350,000	106.44	97.16
Lead	400	103.12	110.26
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	310	190
Benzo(a)pyrene	1,500	410 J	150 J
Benzo(b)fluoranthene	15,000	480	370
Benzo(k)fluoranthene	150,000	110	130
Chrysene	1,500,000	410 J	350 J
Dibenz(a,h)anthracene	1,500	110	61 J
Indeno(1,2,3-c,d)pyrene	15,000	160	130

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, as applicable

HP0178
012300073010012000

	RML	HP0178A-CS Vacant Lot 2/20/2013	HP0178B-CS Vacant Lot 2/20/2013
Metals mg/kg *			
Arsenic	39	17.98	18.32
Barium	46,000	155.22	183.21
Cadmium	210	ND	ND
Chromium(III)	350,000	108.78	92.17
Lead	400	120.84	116.12
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	210
Benzo(a)pyrene	1,500	130	170
Benzo(b)fluoranthene	15,000	230	330
Benzo(k)fluoranthene	150,000	82	84
Chrysene	1,500,000	230	300
Dibenz(a,h)anthracene	1,500	48 J	60 J
Indeno(1,2,3-c,d)pyrene	15,000	110	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
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

HP0180
012300073010011000

	RML	HP0180A-CS Front Yard 2/5/2013	HP0180B-CS Back Yard 2/5/2013
Metals mg/kg *			
Arsenic	39	31.45	21.8
Barium	46,000	85.74	114.08
Cadmium	210	ND	ND
Chromium(III)	350,000	108.53	132.71
Lead	400	114.28	125.86
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	24	31
Benzo(a)pyrene	1,500	16	18
Benzo(b)fluoranthene	15,000	31	34
Benzo(k)fluoranthene	150,000	5.8 J	13
Chrysene	1,500,000	34	34
Dibenz(a,h)anthracene	1,500	6.8 J	7.5 J
Indeno(1,2,3-c,d)pyrene	15,000	13 J	16 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, as applicable

HP0181
012300073008022000

	RML	HP0181A-CS Front Yard 2/5/2013	HP0181B-CS Back Yard 2/5/2013
Metals mg/kg *			
Arsenic	39	19.26	17.35
Barium	46,000	43.44	203.43
Cadmium	210	ND	ND
Chromium(III)	350,000	134.85	118.6
Lead	400	124.82	80.66
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	32	52
Benzo(a)pyrene	1,500	14 J	47
Benzo(b)fluoranthene	15,000	23	78
Benzo(k)fluoranthene	150,000	4.9 J	31
Chrysene	1,500,000	18	44
Dibenz(a,h)anthracene	1,500	6.5 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	11 J	34

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, as applicable

HP0217
012300073008017000

HP0217A-CS
Front Yard
2/21/2013

RML

Metals mg/kg *		
Arsenic	39	15.9
Barium	46,000	196.18
Cadmium	210	ND
Chromium(III)	350,000	106.42
Lead	400	58.63
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	91
Benzo(a)pyrene	1,500	76 J
Benzo(b)fluoranthene	15,000	170
Benzo(k)fluoranthene	150,000	46
Chrysene	1,500,000	140 J
Dibenz(a,h)anthracene	1,500	19 J
Indeno(1,2,3-c,d)pyrene	15,000	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
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results, as applicable

HP0223
012300073008013000

	HP0223A-CS Vacant Lot 2/20/2013	HP0223B-CS Vacant Lot 2/20/2013
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	RML		
Metals mg/kg *			
Arsenic	39	21.05	15.62
Barium	46,000	172.12	113.85
Cadmium	210	ND	ND
Chromium(III)	350,000	90.73	152.43
Lead	400	125.82	112.17
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	190
Benzo(a)pyrene	1,500	100	140
Benzo(b)fluoranthene	15,000	260	250
Benzo(k)fluoranthene	150,000	68	91
Chrysene	1,500,000	190	210
Dibenz(a,h)anthracene	1,500	ND	71 J
Indeno(1,2,3-c,d)pyrene	15,000	110	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, as applicable

HP0228
012300073006021001

	HP0228A-CS Vacant Lot 2/20/2013	HP0228B-CS Vacant Lot 2/20/2013
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	RML		
Metals mg/kg *			
Arsenic	39	30.34	26.42
Barium	46,000	173.66	282.97
Cadmium	210	ND	ND
Chromium(III)	350,000	118.59	125.95
Lead	400	93.18	78.98
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	16,000	260
Benzo(a)pyrene	1,500	16,000	330 J
Benzo(b)fluoranthene	15,000	19,000	620
Benzo(k)fluoranthene	150,000	8,500	230
Chrysene	1,500,000	14,000 J	320 J
Dibenz(a,h)anthracene	1,500	4,700	100
Indeno(1,2,3-c,d)pyrene	15,000	12,000	260

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

HP0230
012300073006021000

	HP0230A-CS Front/Side Yard 2/20/2013	HP0230B-CS Back Yard 2/20/2013
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	RML		
Metals mg/kg *			
Arsenic	39	14.48	24.99
Barium	46,000	212.75	226.14
Cadmium	210	ND	ND
Chromium(III)	350,000	110.98	118.29
Lead	400	72.58	120.4
Mercury (elemental)	30	ND	10.48
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	110
Benzo(a)pyrene	1,500	100	70
Benzo(b)fluoranthene	15,000	180	120
Benzo(k)fluoranthene	150,000	58	48
Chrysene	1,500,000	170	180
Dibenz(a,h)anthracene	1,500	42	36
Indeno(1,2,3-c,d)pyrene	15,000	93	65

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, as applicable

HP0240
012300073006026000

HP0240A-CS-SP Front Yard 2/26/2013	HP0240B-CS-SP Back Yard 2/26/2013
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	RML		
Metals mg/kg *			
Arsenic	39	14.39	19.77
Barium	46,000	216.93	200.31
Cadmium	210	ND	ND
Chromium(III)	350,000	105.72	239
Lead	400	158.62	124.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	17	ND
Benzo(a)pyrene	1,500	10 J	ND
Benzo(b)fluoranthene	15,000	18 J	ND
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	14 J	ND
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, as applicable

HP0246
012300073006028000

	HP0246A-CS Front Yard 2/21/2013	HP0246B-CS Back Yard 2/21/2013
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	RML		
Metals mg/kg *			
Arsenic	39	82.4	32.12
Barium	46,000	129.98	221.28
Cadmium	210	ND	ND
Chromium(III)	350,000	162.21	156.84
Lead	400	569.7	365.65
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	160
Benzo(a)pyrene	1,500	120 J	150 J
Benzo(b)fluoranthene	15,000	220 J	250
Benzo(k)fluoranthene	150,000	85	130
Chrysene	1,500,000	210 J	260 J
Dibenz(a,h)anthracene	1,500	43	55 J
Indeno(1,2,3-c,d)pyrene	15,000	110	130

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

HP0250
012300073008001000

	HP0250A-CS-SP	HP0250B-CS-SP
	Front Yard	Back Yard
RML	2/19/2013	2/19/2013

Metals mg/kg *			
Arsenic	39	22.14	28.56
Barium	46,000	171.24	183.67
Cadmium	210	ND	ND
Chromium(III)	350,000	95.51	103.44
Lead	400	109.14	135.28
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	530
Benzo(a)pyrene	1,500	210 J	600 J
Benzo(b)fluoranthene	15,000	400	1,300
Benzo(k)fluoranthene	150,000	130	380
Chrysene	1,500,000	300 J	690 J
Dibenz(a,h)anthracene	1,500	71 J	140
Indeno(1,2,3-c,d)pyrene	15,000	150	360

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
- 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, as applicable

HP0261
012300073005016000

	HP0261A-CS Front Yard 2/21/2013	HP0261B-CS Back Yard 2/21/2013	HP0261B-CSD Back Yard 2/21/2013
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	RML			
Metals mg/kg *				
Arsenic	39	20.15	16.43	NA
Barium	46,000	226.71	222.92	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	94.67	95	NA
Lead	400	83.66	85.65	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	180 J	100 J
Benzo(a)pyrene	1,500	130 J	180 J	99 J
Benzo(b)fluoranthene	15,000	240	300	200
Benzo(k)fluoranthene	150,000	60	170 J	65 J
Chrysene	1,500,000	240 J	220 J	150 J
Dibenz(a,h)anthracene	1,500	30 J	39	28
Indeno(1,2,3-c,d)pyrene	15,000	72 J	100	61

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
- 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, as applicable

HP0263
012300073005017000

	HP0263A-CS Front Yard 2/4/2013	HP0263B-CS Back Yard 2/4/2013	HP0263C-CS Side Yard 2/4/2013
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	RML			
Metals mg/kg *				
Arsenic	39	21.65	47.25	31.38
Barium	46,000	715.25	223.93	246.9
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	110.81	123.14	127.3
Lead	400	220.63	316.27	266.71
Mercury (elemental)	30	8.68	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	250	160	130
Benzo(a)pyrene	1,500	200	170	210
Benzo(b)fluoranthene	15,000	370	250	410
Benzo(k)fluoranthene	150,000	110	83	120
Chrysene	1,500,000	250	130	160
Dibenz(a,h)anthracene	1,500	47	36	52
Indeno(1,2,3-c,d)pyrene	15,000	140	96	150

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, as applicable
- BOLD** Shaded values are above the EPA RMLs, dated December 2012

HP0302
012300073007007000

	RML	HP0302A-CS Vacant Lot 2/20/2013	HP0302A-CSD Vacant Lot 2/20/2013	HP0302B-CS Vacant Lot 2/20/2013
Metals mg/kg *				
Arsenic	39	50	NA	13.03
Barium	46,000	280	NA	134.62
Cadmium	210	4.3	NA	ND
Chromium(III)	350,000	270.17	NA	81.46
Lead	400	332.2	NA	64.27
Mercury (elemental)	30	3.8	NA	ND
Selenium	1,200	2 J	NA	ND
Silver	1,200	45	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	220	270	720
Benzo(a)pyrene	1,500	130	180	430
Benzo(b)fluoranthene	15,000	190	230	630
Benzo(k)fluoranthene	150,000	130	53	350
Chrysene	1,500,000	290	280	770
Dibenz(a,h)anthracene	1,500	78 J	110 J	210
Indeno(1,2,3-c,d)pyrene	15,000	120	160	400

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, as applicable

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

HP0308
012300073007001000

	HP0308A-CS Front Yard 2/26/2013	HP0308B-CS Back Yard 2/26/2013
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	RML		
Metals mg/kg *			
Arsenic	39	13.04	20.03
Barium	46,000	163.75	168.08
Cadmium	210	ND	ND
Chromium(III)	350,000	127.86	152.15
Lead	400	78.73	111.1
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	27	160
Benzo(a)pyrene	1,500	19	100
Benzo(b)fluoranthene	15,000	33	170
Benzo(k)fluoranthene	150,000	11 J	64
Chrysene	1,500,000	35	160
Dibenz(a,h)anthracene	1,500	ND	24 J
Indeno(1,2,3-c,d)pyrene	15,000	14 J	57

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, as applicable

HP0312
012300073006013000

	RML	HP0312A-CS Front Yard 2/26/2013	HP0312A-CSD Front Yard 2/26/2013	HP0312B-CS Back Yard 2/26/2013
Metals mg/kg *				
Arsenic	39	15.97	NA	36.16
Barium	46,000	195.82	NA	213.18
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	119.42	NA	150.57
Lead	400	103.39	NA	340.27
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	27	21	76 J
Benzo(a)pyrene	1,500	21	14 J	64 J
Benzo(b)fluoranthene	15,000	32	21	120 J
Benzo(k)fluoranthene	150,000	12 J	8.5 J	42 J
Chrysene	1,500,000	32	17	120 J
Dibenz(a,h)anthracene	1,500	ND	ND	17 J
Indeno(1,2,3-c,d)pyrene	15,000	15 J	ND	48 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, as applicable

HP0316
012300073003001000

	RML	HP0316A-CS Vacant Lot 2/4/2013	HP0316B-CS Vacant Lot 2/4/2013	HP0316C-CS Vacant Lot 2/4/2013
Metals mg/kg *				
Arsenic	39	27.23	34	22.19
Barium	46,000	187.58	250	178.68
Cadmium	210	ND	1.4	ND
Chromium(III)	350,000	142.43	123.13	111.53
Lead	400	212.83	275.78	139.18
Mercury (elemental)	30	ND	0.29	ND
Selenium	1,200	ND	1.5 J	ND
Silver	1,200	ND	0.14 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	3,100	1,800	340
Benzo(a)pyrene	1,500	3,000	1,700	300
Benzo(b)fluoranthene	15,000	4,600	2,500	490
Benzo(k)fluoranthene	150,000	1,500	900	160
Chrysene	1,500,000	2,800	1,600	320
Dibenz(a,h)anthracene	1,500	510	300	64
Indeno(1,2,3-c,d)pyrene	15,000	2,100	1,100	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, as applicable

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

HP0325
012200124006003000

	HP0325A-CS-SP	HP0325B-CS-SP
	Front Yard	Back Yard
	2/5/2013	2/5/2013

	RML		
Metals mg/kg *			
Arsenic	39	18.52	17.11
Barium	46,000	325.37	300.44
Cadmium	210	ND	ND
Chromium(III)	350,000	105.2	140.9
Lead	400	65.78	136.73
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	520
Benzo(a)pyrene	1,500	120	540
Benzo(b)fluoranthene	15,000	210	810
Benzo(k)fluoranthene	150,000	88	350
Chrysene	1,500,000	150	580
Dibenz(a,h)anthracene	1,500	26 J	110
Indeno(1,2,3-c,d)pyrene	15,000	70	330

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, as applicable

HP0329
012200131008004000

	HP0329A-CS-SP Vacant Lot 2/28/2013	HP0329B-CS-SP Vacant Lot 2/28/2013	HP0329C-GS-SP Vacant Lot 2/28/2013
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	RML			
Metals mg/kg *				
Arsenic	39	26.44	26.25	29.06
Barium	46,000	162.53	96.42	522.69
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	114.45	136.13	136.88
Lead	400	128.12	197.25	148.02
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	180	130	360
Benzo(a)pyrene	1,500	160 J	110 J	320 J
Benzo(b)fluoranthene	15,000	260	220	450
Benzo(k)fluoranthene	150,000	110	96	220
Chrysene	1,500,000	200 J	180 J	350 J
Dibenz(a,h)anthracene	1,500	29 J	37	74 J
Indeno(1,2,3-c,d)pyrene	15,000	91	84	120 J

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, as applicable

HP0330
012200131008006000

	HP0330A-CS-SP	HP0330B-CS-SP
	Vacant Lot	Vacant Lot
	2/28/2013	2/28/2013

	RML		
Metals mg/kg *			
Arsenic	39	15.09	19.1
Barium	46,000	205.77	78.63
Cadmium	210	ND	ND
Chromium(III)	350,000	114.09	92.6
Lead	400	68.26	101.02
Mercury (elemental)	30	7.79	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	99	170
Benzo(a)pyrene	1,500	92 J	120 J
Benzo(b)fluoranthene	15,000	150	200
Benzo(k)fluoranthene	150,000	75	97
Chrysene	1,500,000	120 J	170 J
Dibenz(a,h)anthracene	1,500	26 J	28 J
Indeno(1,2,3-c,d)pyrene	15,000	63	83

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, as applicable