

CV0061
012200134021015000

		CV0061A-CS Front yard 12/11/2012	CV0061B-CS Back yard 12/13/2012
	RML		
Metals mg/kg *			
Arsenic	39	16.14	15.15
Barium	46,000	209.01	124.57
Cadmium	210	ND	ND
Chromium(III)	350,000	101.34	75.96
Lead	400	76.32	59.29
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	110
Benzo(a)pyrene	1,500	180	91
Benzo(b)fluoranthene	15,000	340	230
Benzo(k)fluoranthene	150,000	130	83
Chrysene	1,500,000	200	130
Dibenz(a,h)anthracene	1,500	12 J	27
Indeno(1,2,3-c,d)pyrene	15,000	49	57

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0077
012200134021001000

		CV0077A-CS-SP Front Yard 12/3/2012	CV0077B-CS-SP Back Yard 12/3/2012	CV0077C-CS-SP Side Yard 12/3/2012
	RML			
Metals mg/kg *				
Arsenic	39	22.56	32.04	30.08
Barium	46,000	104.1	520.95	76.72
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	167.43	157.92	126.49
Lead	400	242.91	331.74	287.31
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	210	220	260
Benzo(a)pyrene	1,500	160	170	240
Benzo(b)fluoranthene	15,000	260	330	410
Benzo(k)fluoranthene	150,000	84	120	190
Chrysene	1,500,000	260	290	410
Dibenz(a,h)anthracene	1,500	65 J	53	72
Indeno(1,2,3-c,d)pyrene	15,000	160	150	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0109
012200132020017000

CV0109A-CS-SP Front yard 12/12/2012

RML

Metals mg/kg *		
Arsenic	39	22.21
Barium	46,000	200.68
Cadmium	210	ND
Chromium(III)	350,000	96.52
Lead	400	163.65
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	160
Benzo(a)pyrene	1,500	190
Benzo(b)fluoranthene	15,000	340
Benzo(k)fluoranthene	150,000	110
Chrysene	1,500,000	240
Dibenz(a,h)anthracene	1,500	24 J
Indeno(1,2,3-c,d)pyrene	15,000	65

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0223
012200134005006000

		CV0223A-CS-SP Front yard 12/12/2012	CV0223B-CS-SP Back yard 12/12/2012
	RML		
Metals mg/kg *			
Arsenic	39	25.89	11.59
Barium	46,000	150.27	124.56
Cadmium	210	ND	ND
Chromium(III)	350,000	81.03	75.19
Lead	400	257.59	164.83
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	350	45
Benzo(a)pyrene	1,500	370	55
Benzo(b)fluoranthene	15,000	650	110
Benzo(k)fluoranthene	150,000	240	34
Chrysene	1,500,000	410	70
Dibenz(a,h)anthracene	1,500	37 J	9.1 J
Indeno(1,2,3-c,d)pyrene	15,000	130	26

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0228
012200134006012000

		CV0228A-CS-SP Front Yard 12/18/2012	CV0228B-CS-SP Back Yard 12/18/2012
	RML		
Metals mg/kg *			
Arsenic	39	98.67	67.43
Barium	46,000	930	363.95
Cadmium	210	3.6	ND
Chromium(III)	350,000	194.8	194.03
Lead	400	1,200	2,300.78
Mercury (elemental)	30	9.24	ND
Selenium	1,200	3.4	ND
Silver	1,200	2	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	340 J	420
Benzo(a)pyrene	1,500	410 J	530
Benzo(b)fluoranthene	15,000	650 J	950
Benzo(k)fluoranthene	150,000	240 J	410
Chrysene	1,500,000	550 J	570
Dibenz(a,h)anthracene	1,500	110 J	110
Indeno(1,2,3-c,d)pyrene	15,000	220 J	230

Notes:

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

CV0230
012200134006013000

		CV0230A-CS-SP Front Yard 12/18/2012	CV0230B-CS-SP Back Yard 12/18/2012
	RML		
Metals mg/kg *			
Arsenic	39	24.12	35.78
Barium	46,000	60.34	330
Cadmium	210	ND	1.2
Chromium(III)	350,000	100.65	111.61
Lead	400	215.45	470.45
Mercury (elemental)	30	ND	0.17 J
Selenium	1,200	ND	1.9 J
Silver	1,200	ND	0.57 J
PAHs µg/kg			
Benz(a)anthracene	15,000	830	1,900 J
Benzo(a)pyrene	1,500	1,100	3,000 J
Benzo(b)fluoranthene	15,000	1,800	5,200 J
Benzo(k)fluoranthene	150,000	700	2,500 J
Chrysene	1,500,000	1,100	2,500 J
Dibenz(a,h)anthracene	1,500	340	1,000 J
Indeno(1,2,3-c,d)pyrene	15,000	670	2,000 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- 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

CV0235
012200131021003000

	RML	CV0235A-CS Side Yard 12/18/2012	CV0235B-CS Front Yard 12/18/2012	CV0235C-CS Side Yard 12/18/2012
Metals mg/kg *				
Arsenic	39	18.64	17.33	16.14
Barium	46,000	ND	415.75	211.07
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	129.31	109.61	97.47
Lead	400	122.12	150.47	144.29
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	93	490 J	140 J
Benzo(a)pyrene	1,500	99	460 J	160 J
Benzo(b)fluoranthene	15,000	160	560 J	250 J
Benzo(k)fluoranthene	150,000	66 J	340 J	120 J
Chrysene	1,500,000	ND	480 J	ND
Dibenz(a,h)anthracene	1,500	ND	63 J	56 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	160 J	96 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0251
012200134011002000

	RML	CV0251A-CS-SP Front Yard 12/3/2012	CV0251B-CS-SP Back Yard 12/3/2012
Metals mg/kg *			
Arsenic	39	63.76	29.12
Barium	46,000	440	162.49
Cadmium	210	4.8	ND
Chromium(III)	350,000	204.48	138
Lead	400	760	372.28
Mercury (elemental)	30	1.6	ND
Selenium	1,200	2.1 J	ND
Silver	1,200	0.64 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,300	160
Benzo(a)pyrene	1,500	1,400	160
Benzo(b)fluoranthene	15,000	2,200	330
Benzo(k)fluoranthene	150,000	770	110
Chrysene	1,500,000	1,400	250
Dibenz(a,h)anthracene	1,500	270	39
Indeno(1,2,3-c,d)pyrene	15,000	820	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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 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

CV0256
012200134006005000

	RML	CV0256A-CS Front yard 12/13/2012	CV0256B-CS Side yard 12/13/2012	CV0256C-CS Side yard 12/13/2012	CV0256D-CS Veg Garden 12/13/2012	CV0256E-GS Veg Garden 41256
Metals mg/kg *						
Arsenic	39	20.39	17.44	29	17.7	87
Barium	46,000	74.09	118.11	220	184.38	480
Cadmium	210	ND	ND	2.1	ND	3.7
Chromium(III)	350,000	96.48	83	144.63	97.48	93.26
Lead	400	114.99	101.44	240	178.85	220
Mercury (elemental)	30	ND	ND	0.16	ND	0.33
Selenium	1,200	ND	ND	2 J	ND	3.7
Silver	1,200	ND	ND	0.28 J	ND	0.25 J
PAHs µg/kg						
Benz(a)anthracene	15,000	190	98	170	200	540
Benzo(a)pyrene	1,500	150	68	84 J	100	210
Benzo(b)fluoranthene	15,000	240	140	110	250	670
Benzo(k)fluoranthene	150,000	89	43	79	65	300
Chrysene	1,500,000	340	180	240	250	1,300
Dibenz(a,h)anthracene	1,500	34	34	41 J	43 J	140
Indeno(1,2,3-c,d)pyrene	15,000	61	42	87 J	62 J	63 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

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

CV0266
012200131025010000

	RML	CV0266A-CS Front yard 12/13/2012	CV0266A-CSD Front yard 12/13/2012	CV0266B-CS Back yard 12/13/2012	CV0266C-CS Back yard 12/13/2012
Metals mg/kg *					
Arsenic	39	17.08	NA	27.84	30.11
Barium	46,000	130.32	NA	253.52	264.01
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	97.33	NA	93.31	121.65
Lead	400	135.11	NA	231.75	244.32
Mercury (elemental)	30	ND	NA	8.05	ND
Selenium	1,200	ND	NA	ND	ND
Silver	1,200	ND	NA	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	470 J	780 J	410	230
Benzo(a)pyrene	1,500	850	870	490	230
Benzo(b)fluoranthene	15,000	1,300	1,200	840	440
Benzo(k)fluoranthene	150,000	370 J	430 J	280	150
Chrysene	1,500,000	890	920	560	360
Dibenz(a,h)anthracene	1,500	120 J	170 J	66 J	33 J
Indeno(1,2,3-c,d)pyrene	15,000	340 J	610 J	210	87

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0294
012200134002013000

	RML	CV0294A-CS Front Yard 12/18/2012	CV0294B-CS Back Yard 12/18/2012	CV0294C-GS Drainage 12/18/2012
Metals mg/kg *				
Arsenic	39	15.72	10.13	14.15
Barium	46,000	ND	62.85	227.61
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	93.36	96.92	86.37
Lead	400	90.11	71.7	40.92
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	110 J	24 J	12
Benzo(a)pyrene	1,500	110 J	26 J	13
Benzo(b)fluoranthene	15,000	170 J	39 J	16
Benzo(k)fluoranthene	150,000	92 J	17 J	9.6
Chrysene	1,500,000	ND	37 J	ND
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	62 J	11 J	6 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0319
012200133001016000

	RML	CV0319A-CS Front yard 12/14/2012	CV0319B-CS Back yard 12/14/2012
Metals mg/kg *			
Arsenic	39	18.56	15.94
Barium	46,000	187.03	208.62
Cadmium	210	ND	ND
Chromium(III)	350,000	96.02	135.68
Lead	400	217.71	524.35
Mercury (elemental)	30	ND	7.09
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	230
Benzo(a)pyrene	1,500	180	240
Benzo(b)fluoranthene	15,000	240	400
Benzo(k)fluoranthene	150,000	130	170
Chrysene	1,500,000	190	310
Dibenz(a,h)anthracene	1,500	64 J	73 J
Indeno(1,2,3-c,d)pyrene	15,000	120	130 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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

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

CV0330
012200133001025000

		CV0330A-CS-SP Front Yard 12/4/2012	CV0330B-CS-SP Back Yard 12/4/2012	CV0330C-CS-SP Back Yard 12/4/2012
	RML			
Metals mg/kg *				
Arsenic	39	27	15.59	14.13
Barium	46,000	264.67	69.15	138.52
Cadmium	210	2.5	ND	ND
Chromium(III)	350,000	138.3	131.19	135.34
Lead	400	210	131.75	135.85
Mercury (elemental)	30	0.11	ND	ND
Selenium	1,200	3.1	ND	ND
Silver	1,200	0.14 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	79	170	150
Benzo(a)pyrene	1,500	92	180	140
Benzo(b)fluoranthene	15,000	160	310	250
Benzo(k)fluoranthene	150,000	46	96	87
Chrysene	1,500,000	130	220	190
Dibenz(a,h)anthracene	1,500	24 J	34	35
Indeno(1,2,3-c,d)pyrene	15,000	58	110	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0361
012200134013015000

	RML	CV0361A-CS Front Yard 12/18/2012	CV0361B-CS Side Yard 12/18/2012	CV0361C-CS Back Yard 12/18/2012
Metals mg/kg *				
Arsenic	39	11.73	27.07	16.72
Barium	46,000	218.91	99.11	260.96
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	89.66	163.58	102.01
Lead	400	186.23	215.97	143.61
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	960 J	2,100 J	150 J
Benzo(a)pyrene	1,500	1,100 J	2,000 J	ND
Benzo(b)fluoranthene	15,000	1,700 J	3,300 J	ND
Benzo(k)fluoranthene	150,000	580 J	1,500 J	ND
Chrysene	1,500,000	1,200 J	2,400 J	ND
Dibenz(a,h)anthracene	1,500	200 J	380 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	490 J	940 J	75 J

Notes:

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

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

CV0370
012200134004010000

		CV0370A-CS Back Yard 12/18/2012	CV0370B-CS Side Yard 12/18/2012	CV0370C-GS Drainage 12/18/2012
	RML			
Metals mg/kg *				
Arsenic	39	16.86	26.58	24.55
Barium	46,000	147.8	163.22	541.19
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	68.27	105.77	81.69
Lead	400	116.03	188.19	106.64
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	390 J	150 J	88 J
Benzo(a)pyrene	1,500	450 J	ND	ND
Benzo(b)fluoranthene	15,000	510 J	270 J	ND
Benzo(k)fluoranthene	150,000	240 J	280 J	ND
Chrysene	1,500,000	450 J	ND	ND
Dibenz(a,h)anthracene	1,500	84 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	170 J	57 J	45 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0412
012200131010074000

	RML	CV0412A-CS Front Yard 12/18/2012	CV0412B-CS Back Yard 12/18/2012
Metals mg/kg *			
Arsenic	39	17.61	12.99
Barium	46,000	128.72	130.64
Cadmium	210	ND	ND
Chromium(III)	350,000	117.23	92.64
Lead	400	108.58	91.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240 J	150 J
Benzo(a)pyrene	1,500	280 J	180 J
Benzo(b)fluoranthene	15,000	480 J	250 J
Benzo(k)fluoranthene	150,000	240 J	130 J
Chrysene	1,500,000	320 J	ND
Dibenz(a,h)anthracene	1,500	67 J	66 J
Indeno(1,2,3-c,d)pyrene	15,000	130 J	110 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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0421
012200131010030000

	RML	CV0421A-CS-SP Front Yard 12/18/2012	CV0421B-CS-SP Side Yard 12/18/2012
Metals mg/kg *			
Arsenic	39	13.84	25.75
Barium	46,000	235.52	229.69
Cadmium	210	ND	ND
Chromium(III)	350,000	125.94	140.03
Lead	400	73.95	203.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	89 J	320 J
Benzo(a)pyrene	1,500	ND	370 J
Benzo(b)fluoranthene	15,000	ND	530 J
Benzo(k)fluoranthene	150,000	ND	280 J
Chrysene	1,500,000	ND	450 J
Dibenz(a,h)anthracene	1,500	ND	91 J
Indeno(1,2,3-c,d)pyrene	15,000	42 J	230 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0422
012200131010021000

		CV0422A-CS-SP Front Yard 12/18/2012	CV0422B-CS-SP Back Yard 12/18/2012
	RML		
Metals mg/kg *			
Arsenic	39	14.01	17.14
Barium	46,000	237.02	83.06
Cadmium	210	ND	ND
Chromium(III)	350,000	127.6	117.08
Lead	400	41.14	61.94
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	69 J	43 J
Benzo(a)pyrene	1,500	74 J	ND
Benzo(b)fluoranthene	15,000	ND	ND
Benzo(k)fluoranthene	150,000	58 J	ND
Chrysene	1,500,000	ND	ND
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	46 J	ND

Notes:

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

CV0424
012200131010020000

		CV0424A-CS-SP Front Yard 12/18/2012	CV0424B-CS-SP Back Yard 12/18/2012
	RML		
Metals mg/kg *			
Arsenic	39	25.06	15.39
Barium	46,000	132.53	112.44
Cadmium	210	ND	ND
Chromium(III)	350,000	116.37	117.07
Lead	400	191.86	32.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240	ND
Benzo(a)pyrene	1,500	240	24 J
Benzo(b)fluoranthene	15,000	370	ND
Benzo(k)fluoranthene	150,000	170	ND
Chrysene	1,500,000	300	ND
Dibenz(a,h)anthracene	1,500	45 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	96	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0426
012200131010019000

		CV0426A-CS Front yard 12/11/2012	CV0426B-CS Back Yard 12/11/2012
	RML		
Metals mg/kg *			
Arsenic	39	33.89	28.6
Barium	46,000	121.64	169
Cadmium	210	ND	ND
Chromium(III)	350,000	104.21	92.04
Lead	400	222.18	151.42
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	150
Benzo(a)pyrene	1,500	320	170
Benzo(b)fluoranthene	15,000	530	400
Benzo(k)fluoranthene	150,000	190	120
Chrysene	1,500,000	450	310
Dibenz(a,h)anthracene	1,500	77 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	230	50

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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0442
012200134012008000

		CV0442A-CS-SP Front Yard 12/5/2012	CV0442B-CS-SP Back Yard 12/5/2012
	RML		
Metals mg/kg *			
Arsenic	39	15.63	18.82
Barium	46,000	135.73	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	124.32	108.08
Lead	400	95.4	114.38
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	91
Benzo(a)pyrene	1,500	110	86
Benzo(b)fluoranthene	15,000	200	150
Benzo(k)fluoranthene	150,000	67	49
Chrysene	1,500,000	190	160
Dibenz(a,h)anthracene	1,500	28	25
Indeno(1,2,3-c,d)pyrene	15,000	68	58

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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 SP Split sample
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0446
012200134012011000

		CV0446A-CS-SP Front yard 12/12/2012	CV0446B-CS-SP Back yard 12/12/2012
	RML		
Metals mg/kg *			
Arsenic	39	38.32	22.69
Barium	46,000	113.73	110.58
Cadmium	210	ND	ND
Chromium(III)	350,000	165.36	181.17
Lead	400	235.55	200.27
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	300
Benzo(a)pyrene	1,500	130	250
Benzo(b)fluoranthene	15,000	190	400
Benzo(k)fluoranthene	150,000	73	150
Chrysene	1,500,000	150	390
Dibenz(a,h)anthracene	1,500	26 J	44 J
Indeno(1,2,3-c,d)pyrene	15,000	79	120

Notes:

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

CV0449
012200134012013000

		CV0449A-CS-SP Side Yard 12/17/2012	CV0449B-CS-SP Side Yard 12/17/2012	CV0449C-CS-SP Back Yard 12/17/2012	CV0449D-CS-SP Front Yard 12/17/2012
	RML				
Metals mg/kg *					
Arsenic	39	23.64	58.68	13.01	21.06
Barium	46,000	191.19	480	38.35	241.41
Cadmium	210	ND	2.1	ND	ND
Chromium(III)	350,000	80.6	125.51	96.45	118.71
Lead	400	407.56	660	211.05	270.44
Mercury (elemental)	30	ND	0.54 J	ND	ND
Selenium	1,200	ND	1.8 J	ND	ND
Silver	1,200	ND	0.61 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	1,100	280	140	240
Benzo(a)pyrene	1,500	950	280	130	210
Benzo(b)fluoranthene	15,000	1,400	450	200	350
Benzo(k)fluoranthene	150,000	510	130	71	99
Chrysene	1,500,000	1,100	340	170	280
Dibenz(a,h)anthracene	1,500	190	61	27 J	49
Indeno(1,2,3-c,d)pyrene	15,000	620	180	85	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- 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

CV0451
012200134013002000

	RML	CV0451A-CS-SP Front/Side Yard 12/19/2012	CV0451B-CS-SP Back Yard 12/19/2012
Metals mg/kg *			
Arsenic	39	16.58	19.55
Barium	46,000	166	169.53
Cadmium	210	ND	ND
Chromium(III)	350,000	94.97	83.66
Lead	400	138.15	126.96
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	100
Benzo(a)pyrene	1,500	91	120
Benzo(b)fluoranthene	15,000	150	180
Benzo(k)fluoranthene	150,000	50 J	81 J
Chrysene	1,500,000	ND	ND
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	46 J	49 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0510
012200131025008000

	RML	CV0510A-CS Side yard 12/13/2012	CV0510B-CS Side yard 12/13/2012
Metals mg/kg *			
Arsenic	39	17.43	12.31
Barium	46,000	188.46	190.34
Cadmium	210	ND	ND
Chromium(III)	350,000	70.84	76.93
Lead	400	220.68	177.84
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	160
Benzo(a)pyrene	1,500	470	190
Benzo(b)fluoranthene	15,000	870	300
Benzo(k)fluoranthene	150,000	270	140
Chrysene	1,500,000	490	240
Dibenz(a,h)anthracene	1,500	140	75 J
Indeno(1,2,3-c,d)pyrene	15,000	300 J	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0517
012200134001002000

		CV0517A-CS-SP Front Yard 12/4/2012	CV0517B-CS-SP Back Yard 12/4/2012	CV0517C-GS-SP Back Yard 12/4/2012
	RML			
Metals mg/kg *				
Arsenic	39	8.3	7.59	15.18
Barium	46,000	197.23	148.24	67.77
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	142.49	123.64	137.94
Lead	400	54.75	54.65	98.81
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	85	140
Benzo(a)pyrene	1,500	110	73	130
Benzo(b)fluoranthene	15,000	200	130	260
Benzo(k)fluoranthene	150,000	53	19	55
Chrysene	1,500,000	130	89	180
Dibenz(a,h)anthracene	1,500	28 J	29	49
Indeno(1,2,3-c,d)pyrene	15,000	95 J	57	120

Notes:

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

CV0520
012200131010073000

	RML	CV0520A-CS Vacant Lot 12/6/2012	CV0520B-CS Vacant Lot 12/6/2012
Metals mg/kg *			
Arsenic	39	13.86	8.66
Barium	46,000	108.09	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	91.23	69.95
Lead	400	72.65	60.82
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	69
Benzo(a)pyrene	1,500	170	62
Benzo(b)fluoranthene	15,000	300	110
Benzo(k)fluoranthene	150,000	90	37
Chrysene	1,500,000	220	93
Dibenz(a,h)anthracene	1,500	41	18 J
Indeno(1,2,3-c,d)pyrene	15,000	130	46

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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0526
012200132018024000

		CV0526A-CS Front Yard 12/4/2012	CV0526B-CS-SP Back Yard 12/4/2012	CV0526C-CS-SP Back Yard 12/4/2012	CV0526D-GS-SP Drainage 12/4/2012
	RML				
Metals mg/kg *					
Arsenic	39	23.34	16.23	24.92	20.97
Barium	46,000	ND	ND	ND	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	110.04	124.7	138.9	101.92
Lead	400	104.98	101.71	103.77	132.12
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	1,500	170	340	290
Benzo(a)pyrene	1,500	1,400	160	340	270
Benzo(b)fluoranthene	15,000	2,000	300	640	470
Benzo(k)fluoranthene	150,000	890	100	260	230
Chrysene	1,500,000	1,800	300	620	500
Dibenz(a,h)anthracene	1,500	260	43	91	91 J
Indeno(1,2,3-c,d)pyrene	15,000	830	100	240	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0550
012200134003012000

	RML	CV0550A-CS Front yard 12/14/2012	CV0550B-CS Back yard 12/14/2012
Metals mg/kg *			
Arsenic	39	16.15	22.58
Barium	46,000	188.65	197.89
Cadmium	210	ND	ND
Chromium(III)	350,000	101.48	90.37
Lead	400	184.76	305.19
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	160
Benzo(a)pyrene	1,500	160	180
Benzo(b)fluoranthene	15,000	270	260
Benzo(k)fluoranthene	150,000	120	95
Chrysene	1,500,000	230	210
Dibenz(a,h)anthracene	1,500	ND	60 J
Indeno(1,2,3-c,d)pyrene	15,000	48 J	110 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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0555
012200134003017000

	RML	CV0555A-CS Front yard 12/11/2012	CV0555B-CS Back yard 12/11/2012
Metals mg/kg *			
Arsenic	39	19.38	53
Barium	46,000	138.89	480
Cadmium	210	ND	5.9
Chromium(III)	350,000	85.32	99.53
Lead	400	163.25	490
Mercury (elemental)	30	ND	0.28
Selenium	1,200	ND	2.6 J
Silver	1,200	ND	0.72 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	510
Benzo(a)pyrene	1,500	180	540
Benzo(b)fluoranthene	15,000	340	980
Benzo(k)fluoranthene	150,000	120	340
Chrysene	1,500,000	220	630
Dibenz(a,h)anthracene	1,500	26 J	89 J
Indeno(1,2,3-c,d)pyrene	15,000	82	270

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

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

CV0560
012200131010087000

		CV0560A-CS-SP Front Yard 12/3/2012	CV0560B-CS-SP Back Yard 12/3/2012
	RML		
Metals mg/kg *			
Arsenic	39	19.07	11.03
Barium	46,000	144.05	111.45
Cadmium	210	ND	ND
Chromium(III)	350,000	140.82	93.52
Lead	400	302.16	274.21
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,400	440
Benzo(a)pyrene	1,500	1,400	430
Benzo(b)fluoranthene	15,000	2,100	620
Benzo(k)fluoranthene	150,000	880	250
Chrysene	1,500,000	1,400	460
Dibenz(a,h)anthracene	1,500	280	91 J
Indeno(1,2,3-c,d)pyrene	15,000	840	320

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0565
012200131010092000

	RML	CV0565A-CS Front Yard 12/11/2012	CV0565B-CS Back Yard 12/11/2012
Metals mg/kg *			
Arsenic	39	27.6	10.37
Barium	46,000	169.52	76.92
Cadmium	210	ND	ND
Chromium(III)	350,000	98.07	68.3
Lead	400	125.11	86.51
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	150
Benzo(a)pyrene	1,500	1,600	170
Benzo(b)fluoranthene	15,000	2,200	270
Benzo(k)fluoranthene	150,000	850	92
Chrysene	1,500,000	1,800	190
Dibenz(a,h)anthracene	1,500	340 J	29 J
Indeno(1,2,3-c,d)pyrene	15,000	1,100	88

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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

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

CV0570

012200131010097000

	RML	CV0570A-CS 3388 34th St N Front yard 12/11/2012	CV0570B-CS 3388 34th St N Back yard 12/11/2012
Metals mg/kg *			
Arsenic	39	20.38	22 J
Barium	46,000	100.55	200
Cadmium	210	ND	7.2 J
Chromium(III)	350,000	123.01	163.35
Lead	400	261.17	170.79
Mercury (elemental)	30	ND	0.14
Selenium	1,200	ND	2.1 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	220
Benzo(a)pyrene	1,500	210	280
Benzo(b)fluoranthene	15,000	400	640 J
Benzo(k)fluoranthene	150,000	120	180
Chrysene	1,500,000	260	380
Dibenz(a,h)anthracene	1,500	34 J	38 J
Indeno(1,2,3-c,d)pyrene	15,000	98	140 J

Notes:

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

CV0577
012200131010009000

	RML	CV0577A-CS Front Yard 12/4/2012	CV0577B-CS Front/Side Yard 12/4/2012	CV0577C-CS Back Yard 12/4/2012	CV0577D-GS Drainage 12/4/2012
Metals mg/kg *					
Arsenic	39	8.53	22.47	22.61	18.43
Barium	46,000	115.15	121.05	128.13	78.59
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	119.44	80.71	85.71	102.99
Lead	400	137.64	344.3	288.83	156.15
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	200	120	37	590
Benzo(a)pyrene	1,500	210	95	23	480
Benzo(b)fluoranthene	15,000	360	160	46	780
Benzo(k)fluoranthene	150,000	110	94	18	290
Chrysene	1,500,000	320	120	52	620
Dibenz(a,h)anthracene	1,500	46	28	30	110
Indeno(1,2,3-c,d)pyrene	15,000	150	91	19 J	280

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0608
012200134001019000

	RML	CV0608A-CS Vacant Lot 12/6/2012	CV0608B-CS Vacant Lot 12/6/2012
Metals mg/kg *			
Arsenic	39	22.66	27.26
Barium	46,000	167.43	260.27
Cadmium	210	ND	ND
Chromium(III)	350,000	100.91	142.75
Lead	400	272.42	166.44
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	340
Benzo(a)pyrene	1,500	150	310
Benzo(b)fluoranthene	15,000	310	590
Benzo(k)fluoranthene	150,000	92	180
Chrysene	1,500,000	230	450
Dibenz(a,h)anthracene	1,500	41	73 J
Indeno(1,2,3-c,d)pyrene	15,000	110	210

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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0621
012200131025009000

	RML	CV0621A-CS Side yard 12/13/2012	CV0621B-CS Front yard 12/13/2012	CV0621C-CS Back yard 12/13/2012	CV0621C-CSD Back yard 12/13/2012
Metals mg/kg *					
Arsenic	39	13.23	12.09	23	NA
Barium	46,000	155.05	162.85	270	NA
Cadmium	210	1.4	ND	3.7	NA
Chromium(III)	350,000	79.32	114.71	89.58	NA
Lead	400	150	104.16	228.18	NA
Mercury (elemental)	30	0.18	ND	7.45	NA
Selenium	1,200	1.7 J	ND	2.2 J	NA
Silver	1,200	ND	ND	2.7	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	690	720	230	250
Benzo(a)pyrene	1,500	830	940	260	250
Benzo(b)fluoranthene	15,000	1,200	1,400	470	460
Benzo(k)fluoranthene	150,000	440	440	160	200
Chrysene	1,500,000	830	870	350	340
Dibenz(a,h)anthracene	1,500	180	190	62 J	64 J
Indeno(1,2,3-c,d)pyrene	15,000	490 J	490 J	140 J	130 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0627
012200131009002000

	RML	CV0627A-CS Vacant Lot 12/19/2012	CV0627B-GS Vacant Lot 12/19/2012
Metals mg/kg *			
Arsenic	39	38	35.59
Barium	46,000	240	ND
Cadmium	210	1.9	ND
Chromium(III)	350,000	90.8	98.13
Lead	400	270	172.51
Mercury (elemental)	30	0.35 J	ND
Selenium	1,200	2.9 J	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200 J	1,200 J
Benzo(a)pyrene	1,500	190 J	1,300 J
Benzo(b)fluoranthene	15,000	370 J	2,500 J
Benzo(k)fluoranthene	150,000	180 J	1,400 J
Chrysene	1,500,000	340 J	1,800 J
Dibenz(a,h)anthracene	1,500	ND	330 J
Indeno(1,2,3-c,d)pyrene	15,000	92 J	780 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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0640
012200131019006000

		CV0640A-CS-SP Front Yard 12/6/2012	CV0640B-CS-SP Side Yard 12/6/2012	CV0640C-CS-SP Veg Garden 12/6/2012
	RML			
Metals mg/kg *				
Arsenic	39	33.81	25.93	27.8
Barium	46,000	88.22	129.88	43.84
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	74.83	73.21	63.4
Lead	400	177.8	74.73	140.72
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	290	140	380
Benzo(a)pyrene	1,500	210	130	390
Benzo(b)fluoranthene	15,000	510	270	770
Benzo(k)fluoranthene	150,000	170	100	270
Chrysene	1,500,000	440	240	460
Dibenz(a,h)anthracene	1,500	110	41	260
Indeno(1,2,3-c,d)pyrene	15,000	120	67	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0641
012200131018008000

	RML	CV0641A-CS-SP Front Yard 12/6/2012	CV0641B-CS-SP Back Yard 12/6/2012
Metals mg/kg *			
Arsenic	39	23.79	17.2
Barium	46,000	105.12	115.67
Cadmium	210	ND	ND
Chromium(III)	350,000	92.3	98.27
Lead	400	139.98	337.26
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	610	240
Benzo(a)pyrene	1,500	450	250
Benzo(b)fluoranthene	15,000	740	330
Benzo(k)fluoranthene	150,000	310	170
Chrysene	1,500,000	750	330
Dibenz(a,h)anthracene	1,500	160	180
Indeno(1,2,3-c,d)pyrene	15,000	190	210

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0644
012200131019004000

	RML	CV0644A-CS Front Yard 12/3/2012	CV0644B-CS Back Yard 12/3/2012
Metals mg/kg *			
Arsenic	39	23.83	34.23
Barium	46,000	174.19	380
Cadmium	210	ND	3.2
Chromium(III)	350,000	121.3	123.56
Lead	400	149.22	380
Mercury (elemental)	30	ND	0.26
Selenium	1,200	ND	2 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	230
Benzo(a)pyrene	1,500	220	190
Benzo(b)fluoranthene	15,000	380	340
Benzo(k)fluoranthene	150,000	120	97
Chrysene	1,500,000	340	280
Dibenz(a,h)anthracene	1,500	45	54 J
Indeno(1,2,3-c,d)pyrene	15,000	130	120

Notes:

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

CV0648
012200131019002000

	RML	CV0648A-CS Front Yard 12/18/2012	CV0648A-CSD Front Yard 12/18/2012	CV0648B-CS Back Yard 12/18/2012	CV0648B-CSD Back Yard 12/18/2012
Metals mg/kg *					
Arsenic	39	18.9	NA	13.38	NA
Barium	46,000	126.38	NA	72.92	NA
Cadmium	210	ND	NA	ND	NA
Chromium(III)	350,000	107.22	NA	93.03	NA
Lead	400	174.86	NA	75.02	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	180 J	220 J	78 J	65 J
Benzo(a)pyrene	1,500	ND	ND	ND	ND
Benzo(b)fluoranthene	15,000	400 J	370 J	ND	ND
Benzo(k)fluoranthene	150,000	ND	ND	ND	ND
Chrysene	1,500,000	390 J	340 J	ND	ND
Dibenz(a,h)anthracene	1,500	60 J	50 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	120 J	100 J	ND	ND

Notes:

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

CV0655
012200131013009000

	RML	CV0655A-CS Front yard 12/11/2012	CV0655B-CS Back yard 12/11/2012
Metals mg/kg *			
Arsenic	39	18.66	17.46
Barium	46,000	193.06	143.04
Cadmium	210	ND	ND
Chromium(III)	350,000	85.37	79.43
Lead	400	216.54	134.73
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	270	120
Benzo(a)pyrene	1,500	290	130
Benzo(b)fluoranthene	15,000	510	250
Benzo(k)fluoranthene	150,000	170	91
Chrysene	1,500,000	360	190
Dibenz(a,h)anthracene	1,500	39 J	20 J
Indeno(1,2,3-c,d)pyrene	15,000	140	65

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0694
012200131015030000

	RML	CV0694A-CS Front yard 12/11/2012	CV0694B-CS Side yard 12/11/2012	CV0694C-CS Back yard 12/11/2012	CV0694D-CS Side yard 12/11/2012
Metals mg/kg *					
Arsenic	39	14.44	30.53	ND	23
Barium	46,000	139.08	ND	119.21	43.3
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	56.8	100.33	98.52	86.19
Lead	400	103.67	306.52	66.6	174.88
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	84	340	18,000	320
Benzo(a)pyrene	1,500	87	400	47,000	550
Benzo(b)fluoranthene	15,000	150	730	50,000	770
Benzo(k)fluoranthene	150,000	52	210	21,000	270
Chrysene	1,500,000	120	450	20,000	410
Dibenz(a,h)anthracene	1,500	16 J	59 J	7,200 J	88 J
Indeno(1,2,3-c,d)pyrene	15,000	51	180	29,000	320

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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

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

CV0703
012200131014006000

	RML	CV0703A-CS-SP Front/Side Yard 12/12/2012	CV0703B-CS-SP Back yard 12/12/2012
Metals mg/kg *			
Arsenic	39	16.24	21.55
Barium	46,000	164.96	67.67
Cadmium	210	ND	ND
Chromium(III)	350,000	87.66	106.59
Lead	400	113.05	75.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	61	68
Benzo(a)pyrene	1,500	72	86
Benzo(b)fluoranthene	15,000	140	150
Benzo(k)fluoranthene	150,000	50	51
Chrysene	1,500,000	97	120
Dibenz(a,h)anthracene	1,500	10 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	24	54

Notes:

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

CV0705
012200131014007000

	RML	CV0705A-CS-SP Front/Side Yard 12/12/2012	CV0705B-CS-SP Back/Side Yard 12/12/2012	CV0705C-GS Back yard 12/12/2012
Metals mg/kg *				
Arsenic	39	20.6	18.75	14.81
Barium	46,000	96.61	179.6	193.48
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	79.36	99.12	81.66
Lead	400	140.65	113.48	61.55
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	80	ND
Benzo(a)pyrene	1,500	120	99	ND
Benzo(b)fluoranthene	15,000	220	190	110
Benzo(k)fluoranthene	150,000	81	70	ND
Chrysene	1,500,000	170	130	80
Dibenz(a,h)anthracene	1,500	21 J	17 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	64	ND	ND
PCBs µg/kg				
PCB-1016	12,000	NA	NA	ND
PCB-1221	14,000	NA	NA	ND
PCB-1232	14,000	NA	NA	ND
PCB-1242	22,000	NA	NA	ND
PCB-1248	22,000	NA	NA	ND
PCB-1254	3,400	NA	NA	ND
PCB-1260	22,000	NA	NA	ND

Notes:

CS	Composite sample
CV	Collegeville neighborhood
EPA	Polycyclic aromatic hydrocarbons
GS	Grab Sample
J	Estimated value
µg/kg	Micrograms per kilogram
mg/kg	Milligrams per kilogram
NA	Not analyzed
ND	Not detected
RML	EPA Regional Removal Management Levels, dated December 2012.
PAH	Polycyclic aromatic hydrocarbons
PCB	Polychlorinated biphenyls
SP	Split sample
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0707
012200131011002000

	RML	CV0707A-CS-SP Front/Side Yard 12/4/2012	CV0707B-CS-SP Back/Side Yard 12/4/2012	CV0707C-CS-SP Side Yard 12/4/2012
Metals mg/kg *				
Arsenic	39	11.56	29	11
Barium	46,000	ND	260	130.55
Cadmium	210	ND	6.2	ND
Chromium(III)	350,000	123.63	165.94	106.36
Lead	400	87.91	260	136.79
Mercury (elemental)	30	ND	0.67	ND
Selenium	1,200	ND	2.9	ND
Silver	1,200	ND	0.33 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	460	150	200
Benzo(a)pyrene	1,500	380	150	190
Benzo(b)fluoranthene	15,000	680	250	300
Benzo(k)fluoranthene	150,000	240	88	100
Chrysene	1,500,000	580	230	270
Dibenz(a,h)anthracene	1,500	92	37	34 J
Indeno(1,2,3-c,d)pyrene	15,000	240	96	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0737
012200134017004000

	RML	CV0737A-CS Vacant Lot 12/3/2012	CV0737B-CS Vacant Lot 12/3/2012
Metals mg/kg *			
Arsenic	39	24.41	17.57
Barium	46,000	82.01	50.7
Cadmium	210	ND	ND
Chromium(III)	350,000	148.98	124.96
Lead	400	190.65	147.23
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	250
Benzo(a)pyrene	1,500	130	180
Benzo(b)fluoranthene	15,000	220	320
Benzo(k)fluoranthene	150,000	82	160
Chrysene	1,500,000	170	350
Dibenz(a,h)anthracene	1,500	35	82 J
Indeno(1,2,3-c,d)pyrene	15,000	83	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
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0738
012200134017003000

	RML	CV0738A-CS Vacant Lot 12/3/2012	CV0738B-CS Vacant Lot 12/3/2012
Metals mg/kg *			
Arsenic	39	22.08	14.89
Barium	46,000	139.94	130.55
Cadmium	210	ND	ND
Chromium(III)	350,000	116.01	117.49
Lead	400	199.45	164.37
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	290
Benzo(a)pyrene	1,500	200	220
Benzo(b)fluoranthene	15,000	370	420
Benzo(k)fluoranthene	150,000	130	110
Chrysene	1,500,000	400	360
Dibenz(a,h)anthracene	1,500	90 J	87 J
Indeno(1,2,3-c,d)pyrene	15,000	180	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
 RML EPA Regional Removal Management Levels, dated December 2012.
 PAH Polycyclic aromatic hydrocarbons
 XRF X-ray fluorescence
 * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results