

CV0050
012200132018021000

CV0050A-CS-SP	CV0050B-CS-SP
Vacant Lot	Vacant Lot
4/10/2013	4/10/2013

	RML	CV0050A-CS-SP Vacant Lot 4/10/2013	CV0050B-CS-SP Vacant Lot 4/10/2013
Metals mg/kg *			
Arsenic	39	15.53	27.45
Barium	46,000	105.65	185.04
Cadmium	210	ND	ND
Chromium(III)	350,000	139.76	132.9
Lead	400	104.21	296.8
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	200
Benzo(a)pyrene	1,500	120	210
Benzo(b)fluoranthene	15,000	280	400
Benzo(k)fluoranthene	150,000	79	110
Chrysene	1,500,000	290	340
Dibenz(a,h)anthracene	1,500	78	110
Indeno(1,2,3-c,d)pyrene	15,000	160	160

Notes:

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

CV0052
012200134013010000

CV0052A-CS Front Yard 4/3/2013	CV0052B-CS Side Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	54.89	15.08
Barium	46,000	ND	187.42
Cadmium	210	ND	ND
Chromium(III)	350,000	174.09	136.55
Lead	400	166.36	205.59
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,100	160
Benzo(a)pyrene	1,500	910	200
Benzo(b)fluoranthene	15,000	1,700	260
Benzo(k)fluoranthene	150,000	600	180
Chrysene	1,500,000	1,200	250
Dibenz(a,h)anthracene	1,500	240	ND
Indeno(1,2,3-c,d)pyrene	15,000	710	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
 - RML EPA Regional Removal Management Levels, dated December 2012
 - PAH Polycyclic aromatic hydrocarbon
 - 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

CV0053
012200134021024000

	CV0053A-CS Front Yard 4/3/2013	CV0053A-CSD Front Yard 4/3/2013	CV0053B-CS Back Yard 4/3/2013
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	RML			
Metals mg/kg *				
Arsenic	39	35.86	29	39.48
Barium	46,000	300	300	209.96
Cadmium	210	1.9	1.8	ND
Chromium(III)	350,000	136.74	74	122.88
Lead	400	300	270	769.44
Mercury (elemental)	30	0.31	0.32	8.07
Selenium	1,200	2.1 J	3 J	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	ND	ND	200
Benzo(a)pyrene	1,500	62 J	220 J	130
Benzo(b)fluoranthene	15,000	77 J	320 J	250
Benzo(k)fluoranthene	150,000	20	65	85
Chrysene	1,500,000	65 J	240 J	210
Dibenz(a,h)anthracene	1,500	ND	ND	90
Indeno(1,2,3-c,d)pyrene	15,000	100 J	360 J	180

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0053
012200134021024000

	RML	CV0053C-CS Front Yard 4/3/2013	CV0053D-CS Back Yard 4/3/2013
Metals mg/kg *			
Arsenic	39	22.96	55.61
Barium	46,000	118.63	223.36
Cadmium	210	ND	ND
Chromium(III)	350,000	118.24	144.62
Lead	400	197.29	507.21
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	240
Benzo(a)pyrene	1,500	240	190
Benzo(b)fluoranthene	15,000	370	340
Benzo(k)fluoranthene	150,000	120	120
Chrysene	1,500,000	240	310
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	420	520

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0098
012200131016015000

CV0098A-CS Vacant Lot 4/2/2013

RML

Metals mg/kg *		
Arsenic	39	25.41
Barium	46,000	169.62
Cadmium	210	ND
Chromium(III)	350,000	92.91
Lead	400	286.02
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	570 J
Benzo(a)pyrene	1,500	310 J
Benzo(b)fluoranthene	15,000	910 J
Benzo(k)fluoranthene	150,000	430 J
Chrysene	1,500,000	660 J
Dibenz(a,h)anthracene	1,500	120 J
Indeno(1,2,3-c,d)pyrene	15,000	220 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0116
012200132020021000

CV0116A-CS-SP	CV0116B-CS-SP
Front Yard	Back Yard
4/1/2013	4/1/2013

	RML		
Metals mg/kg *			
Arsenic	39	22.79	31
Barium	46,000	219.61	200 J
Cadmium	210	ND	1.8
Chromium(III)	350,000	92.89	95.34
Lead	400	130.27	190 J
Mercury (elemental)	30	ND	0.23
Selenium	1,200	ND	ND
Silver	1,200	ND	0.17 J
PAHs µg/kg			
Benz(a)anthracene	15,000	390	46
Benzo(a)pyrene	1,500	330	ND
Benzo(b)fluoranthene	15,000	530	65
Benzo(k)fluoranthene	150,000	160	27
Chrysene	1,500,000	460	60
Dibenz(a,h)anthracene	1,500	97	14 J
Indeno(1,2,3-c,d)pyrene	15,000	280	82

Notes:

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

CV0117
012200131016005001

CV0117A-CS Front Yard 4/17/2013	CV0117B-CS Back Yard 4/17/2013
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	RML	CV0117A-CS Front Yard 4/17/2013	CV0117B-CS Back Yard 4/17/2013
Metals mg/kg *			
Arsenic	39	22.46	41.52
Barium	46,000	125.84	780
Cadmium	210	ND	1.9
Chromium(III)	350,000	154.02	119.9
Lead	400	159.4	660
Mercury (elemental)	30	ND	0.21
Selenium	1,200	ND	ND
Silver	1,200	ND	0.28 J
PAHs µg/kg			
Benz(a)anthracene	15,000	330	170
Benzo(a)pyrene	1,500	280 J	160
Benzo(b)fluoranthene	15,000	580	310
Benzo(k)fluoranthene	150,000	170	71
Chrysene	1,500,000	480	280
Dibenz(a,h)anthracene	1,500	60 J	51
Indeno(1,2,3-c,d)pyrene	15,000	140	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 hydrocarbon
- 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

CV0121
012200131016004000

CV0121A-CS-SP	CV0121B-CS-SP
Vacant Lot	Vacant Lot
4/25/2013	4/25/2013

	RML		
Metals mg/kg *			
Arsenic	39	28.75	12.98
Barium	46,000	131.08	159.79
Cadmium	210	ND	ND
Chromium(III)	350,000	98.69	77.57
Lead	400	159.56	98.6
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	160	130
Benzo(b)fluoranthene	15,000	290	210
Benzo(k)fluoranthene	150,000	110	85
Chrysene	1,500,000	300	210
Dibenz(a,h)anthracene	1,500	46 J	36
Indeno(1,2,3-c,d)pyrene	15,000	130	86

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

CV0133
012200132022013000

CV0133A-CS-SP	CV0133B-CS-SP
Vacant Lot 4/10/2013	Vacant Lot 4/10/2013

RML

Metals mg/kg *			
Arsenic	39	19.1	22.43
Barium	46,000	258.92	158.57
Cadmium	210	ND	ND
Chromium(III)	350,000	117.99	119.62
Lead	400	156.21	233.36
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	60
Benzo(a)pyrene	1,500	150	46
Benzo(b)fluoranthene	15,000	310	84
Benzo(k)fluoranthene	150,000	97	44
Chrysene	1,500,000	270	54
Dibenz(a,h)anthracene	1,500	69	ND
Indeno(1,2,3-c,d)pyrene	15,000	140	77

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

CV0135
012200132022014000

	CV0135A-CS Vacant Lot 4/2/2013	CV0135B-CS Vacant Lot 4/2/2013
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	RML	CV0135A-CS Vacant Lot 4/2/2013	CV0135B-CS Vacant Lot 4/2/2013
Metals mg/kg *			
Arsenic	39	14.42	38.92
Barium	46,000	314.37	282.77
Cadmium	210	ND	ND
Chromium(III)	350,000	390.85	129.49
Lead	400	61.74	263.54
Mercury (elemental)	30	ND	8.44
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	57 J	31 J
Benzo(a)pyrene	1,500	29 J	23 J
Benzo(b)fluoranthene	15,000	39 J	38 J
Benzo(k)fluoranthene	150,000	11 J	15 J
Chrysene	1,500,000	35 J	22 J
Dibenz(a,h)anthracene	1,500	8.6 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	21 J	18 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0147
012200132019009000

CV0147A-CS-SP Vacant Lot 4/23/2013
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RML

Metals mg/kg *		
Arsenic	39	10.29
Barium	46,000	162.23
Cadmium	210	ND
Chromium(III)	350,000	67.03
Lead	400	67.44
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	55
Benzo(a)pyrene	1,500	60
Benzo(b)fluoranthene	15,000	110
Benzo(k)fluoranthene	150,000	29
Chrysene	1,500,000	79
Dibenz(a,h)anthracene	1,500	17 J
Indeno(1,2,3-c,d)pyrene	15,000	53

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

CV0151
012200132020008000

	RML	CV0151A-CS Vacant Lot 4/2/2013	CV0151A-CSD Vacant Lot 4/2/2013	CV0151B-CS Vacant Lot 4/2/2013
Metals mg/kg *				
Arsenic	39	14.93	NA	11.32
Barium	46,000	149.72	NA	161.21
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	92.87	NA	96.03
Lead	400	115.77	NA	140.54
Mercury (elemental)	30	ND	NA	8.46
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	40 J	37 J	24 J
Benzo(a)pyrene	1,500	14 J	19 J	19 J
Benzo(b)fluoranthene	15,000	69 J	53 J	36 J
Benzo(k)fluoranthene	150,000	19 J	18 J	17 J
Chrysene	1,500,000	33 J	28 J	48 J
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0224
012200134006010000

CV0224A-CS Front Yard 4/11/2013	CV0224B-CS Back Yard 4/11/2013
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	RML		
Metals mg/kg *			
Arsenic	39	52.86	63.62
Barium	46,000	295.12	330
Cadmium	210	ND	2.9
Chromium(III)	350,000	156.14	137.34
Lead	400	894.45	390
Mercury (elemental)	30	ND	0.25
Selenium	1,200	ND	1.5 J
Silver	1,200	ND	0.37 J
PAHs µg/kg			
Benz(a)anthracene	15,000	200	220
Benzo(a)pyrene	1,500	160	140
Benzo(b)fluoranthene	15,000	270	370
Benzo(k)fluoranthene	150,000	89	78
Chrysene	1,500,000	310	440
Dibenz(a,h)anthracene	1,500	110	120
Indeno(1,2,3-c,d)pyrene	15,000	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 hydrocarbon
- 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

CV0282
012200133001036000

CV0282A-CS-SP	CV0282B-CS-SP
Front Yard	Back Yard
4/25/2013	4/25/2013

RML

Metals mg/kg *			
Arsenic	39	10	30.5
Barium	46,000	200.07	240.82
Cadmium	210	ND	ND
Chromium(III)	350,000	79.7	149.96
Lead	400	135.64	256.21
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	61	82
Benzo(a)pyrene	1,500	82 J	76 J
Benzo(b)fluoranthene	15,000	130	120
Benzo(k)fluoranthene	150,000	49	47
Chrysene	1,500,000	130	110
Dibenz(a,h)anthracene	1,500	25 J	19 J
Indeno(1,2,3-c,d)pyrene	15,000	44	34

Notes:

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

CV0313
012200133001013000

CV0313A-CS-SP	CV0313B-CS-SP
Front Yard	Back/Side Yard
4/16/2013	4/16/2013

	RML		
Metals mg/kg *			
Arsenic	39	29.88	28.34
Barium	46,000	170.68	78.03
Cadmium	210	ND	ND
Chromium(III)	350,000	107.65	107.77
Lead	400	191.42	285.71
Mercury (elemental)	30	8.04	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	420	260
Benzo(a)pyrene	1,500	540 J	280 J
Benzo(b)fluoranthene	15,000	970	600
Benzo(k)fluoranthene	150,000	330	160
Chrysene	1,500,000	600	400
Dibenz(a,h)anthracene	1,500	110	66 J
Indeno(1,2,3-c,d)pyrene	15,000	290	160

Notes:

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

CV0318
012200133001031000

CV0318A-CS-SP	CV0318B-CS-SP
Vacant Lot 4/10/2013	Vacant Lot 4/10/2013

	RML		
Metals mg/kg *			
Arsenic	39	18.05	18.46
Barium	46,000	95.46	90.3
Cadmium	210	ND	ND
Chromium(III)	350,000	82.22	81.73
Lead	400	234.4	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	57	78
Benzo(a)pyrene	1,500	49	100
Benzo(b)fluoranthene	15,000	78	210
Benzo(k)fluoranthene	150,000	31	49
Chrysene	1,500,000	56	140
Dibenz(a,h)anthracene	1,500	ND	75
Indeno(1,2,3-c,d)pyrene	15,000	110	120

Notes:

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

CV0332
012200134001009000

CV0332A-CS Front Yard 4/3/2013	CV0332B-CS Back Yard 4/3/2013
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	RML	CV0332A-CS Front Yard 4/3/2013	CV0332B-CS Back Yard 4/3/2013
Metals mg/kg *			
Arsenic	39	18.29	13.9
Barium	46,000	204.15	108.02
Cadmium	210	ND	ND
Chromium(III)	350,000	77.38	55.56
Lead	400	185.68	165.49
Mercury (elemental)	30	ND	ND
Selenium	1,200	5.93	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	47	120
Benzo(a)pyrene	1,500	17	100
Benzo(b)fluoranthene	15,000	26	180
Benzo(k)fluoranthene	150,000	17	94
Chrysene	1,500,000	35	110
Dibenz(a,h)anthracene	1,500	ND	76
Indeno(1,2,3-c,d)pyrene	15,000	ND	110

Notes:

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

CV0380
012200134003005000

CV0380A-CS Vacant Lot 4/2/2013	CV0380B-CS Vacant Lot 4/2/2013
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	RML		
Metals mg/kg *			
Arsenic	39	42.27	44.1
Barium	46,000	182.91	235.74
Cadmium	210	ND	ND
Chromium(III)	350,000	88.22	129.88
Lead	400	292.55	349.57
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	25 J	15 J
Benzo(b)fluoranthene	15,000	34 J	13 J
Benzo(k)fluoranthene	150,000	20 J	16 J
Chrysene	1,500,000	38 J	23 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	19 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 hydrocarbon
- 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

CV0401
012200131010080000

	CV0401A-CS Front Yard 4/11/2013	CV0401B-CS Back Yard 4/11/2013
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	RML		
Metals mg/kg *			
Arsenic	39	17.29	10.01
Barium	46,000	50.18	102.94
Cadmium	210	ND	ND
Chromium(III)	350,000	119.46	71.52
Lead	400	123.8	111.8
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	780	3,600
Benzo(a)pyrene	1,500	710	4,400
Benzo(b)fluoranthene	15,000	1,300	8,700
Benzo(k)fluoranthene	150,000	430	3,300
Chrysene	1,500,000	830	3,600
Dibenz(a,h)anthracene	1,500	220	1,400
Indeno(1,2,3-c,d)pyrene	15,000	450	3,900

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 hydrocarbon
- 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

CV0405
012200131010078000

	CV0405A-CS Front Yard 4/11/2013	CV0405B-CS Back Yard 4/11/2013
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	RML		
Metals mg/kg *			
Arsenic	39	15.53	10.2
Barium	46,000	149.85	396.3
Cadmium	210	ND	ND
Chromium(III)	350,000	81.22	99.26
Lead	400	72.01	15.97
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	370	ND
Benzo(a)pyrene	1,500	420 J	ND
Benzo(b)fluoranthene	15,000	700	ND
Benzo(k)fluoranthene	150,000	200	ND
Chrysene	1,500,000	420	ND
Dibenz(a,h)anthracene	1,500	87	ND
Indeno(1,2,3-c,d)pyrene	15,000	230	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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0423
012200131010031000

CV0423A-CS-SP	CV0423B-CS-SP
Front Yard	Back Yard
4/16/2013	4/16/2013

	RML		
Metals mg/kg *			
Arsenic	39	26.37	76
Barium	46,000	87.37	470
Cadmium	210	ND	1.7
Chromium(III)	350,000	85.65	198.43
Lead	400	154.89	566.12
Mercury (elemental)	30	ND	7.71
Selenium	1,200	ND	ND
Silver	1,200	ND	0.31 J
PAHs µg/kg			
Benz(a)anthracene	15,000	120	370
Benzo(a)pyrene	1,500	120 J	400 J
Benzo(b)fluoranthene	15,000	210	770
Benzo(k)fluoranthene	150,000	72	280
Chrysene	1,500,000	170	480
Dibenz(a,h)anthracene	1,500	25 J	69
Indeno(1,2,3-c,d)pyrene	15,000	55	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 hydrocarbon
- 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

CV0427
012200131010033000

CV0427A-CS-SP	CV0427B-CS-SP
Front Yard	Back Yard
4/23/2013	4/23/2013

	RML		
Metals mg/kg *			
Arsenic	39	31.34	51.87
Barium	46,000	152.3	340
Cadmium	210	ND	1.9
Chromium(III)	350,000	101.26	133.58
Lead	400	232.15	480
Mercury (elemental)	30	ND	0.17
Selenium	1,200	ND	ND
Silver	1,200	ND	0.49 J
PAHs µg/kg			
Benz(a)anthracene	15,000	240	350
Benzo(a)pyrene	1,500	200	350
Benzo(b)fluoranthene	15,000	360	600
Benzo(k)fluoranthene	150,000	110	170
Chrysene	1,500,000	300	430
Dibenz(a,h)anthracene	1,500	56 J	77 J
Indeno(1,2,3-c,d)pyrene	15,000	180	300

Notes:

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

CV0466
012200134004003000

CV0466A-CS-SP	CV0466B-CS-SP
Front Yard	Back Yard
4/30/2013	4/30/2013

RML

Metals mg/kg *			
Arsenic	39	16.12	11.87
Barium	46,000	246.41	241.21
Cadmium	210	ND	ND
Chromium(III)	350,000	95.23	127.88
Lead	400	127.54	42.67
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	46
Benzo(a)pyrene	1,500	110	34
Benzo(b)fluoranthene	15,000	180	48
Benzo(k)fluoranthene	150,000	62	26
Chrysene	1,500,000	130	47
Dibenz(a,h)anthracene	1,500	27	ND
Indeno(1,2,3-c,d)pyrene	15,000	63	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0496
012200131015034000

CV0496A-CS-SP	CV0496B-CS-SP
Front Yard	Back Yard
4/3/2013	4/3/2013

RML

Metals mg/kg *			
Arsenic	39	16.3	18.25
Barium	46,000	96.45	239.49
Cadmium	210	ND	ND
Chromium(III)	350,000	85.08	94.87
Lead	400	67.62	103.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	91	82
Benzo(a)pyrene	1,500	85	76
Benzo(b)fluoranthene	15,000	160	110
Benzo(k)fluoranthene	150,000	52	31
Chrysene	1,500,000	120	96
Dibenz(a,h)anthracene	1,500	71	ND
Indeno(1,2,3-c,d)pyrene	15,000	120	130

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

CV0497
012200131015035000

CV0497A-CS-SP Front/Side Yard 4/3/2013	CV0497B-CS-SP Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	10.01	19.53
Barium	46,000	53.31	109.42
Cadmium	210	ND	ND
Chromium(III)	350,000	63.19	82.64
Lead	400	74.11	651.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200	ND
Benzo(a)pyrene	1,500	190	25
Benzo(b)fluoranthene	15,000	350	35
Benzo(k)fluoranthene	150,000	130	13 J
Chrysene	1,500,000	220	33
Dibenz(a,h)anthracene	1,500	97	ND
Indeno(1,2,3-c,d)pyrene	15,000	180	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 hydrocarbon
- 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

CV0501
012200133001007000

CV0501A-CS-SP Front Yard 4/1/2013	CV0501B-CS-SP Back Yard 4/1/2013
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	RML		
Metals mg/kg *			
Arsenic	39	14.12	54
Barium	46,000	253.04	270
Cadmium	210	ND	2
Chromium(III)	350,000	110.38	101.54
Lead	400	126.24	210
Mercury (elemental)	30	ND	0.32
Selenium	1,200	ND	ND
Silver	1,200	ND	0.59 J
PAHs µg/kg			
Benz(a)anthracene	15,000	490	53
Benzo(a)pyrene	1,500	570	69
Benzo(b)fluoranthene	15,000	860	110
Benzo(k)fluoranthene	150,000	340	29
Chrysene	1,500,000	590	65
Dibenz(a,h)anthracene	1,500	160	16 J
Indeno(1,2,3-c,d)pyrene	15,000	490	100

Notes:

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

CV0516
012200134001002003

	RML	CV0516A-CS-SP Front Yard 4/17/2013	CV0516B-CS-SP Side Yard 4/17/2013	CV0516C-CS-SP Back Yard 4/17/2013
Metals mg/kg *				
Arsenic	39	9.59	36.17	6.78
Barium	46,000	277.9	272.56	188.39
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	87.83	112.19	81.72
Lead	400	53.91	181.18	68.38
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	1200	120
Benzo(a)pyrene	1,500	100 J	950 J	130 J
Benzo(b)fluoranthene	15,000	210	1800	260
Benzo(k)fluoranthene	150,000	73	640	73
Chrysene	1,500,000	130	1100	150
Dibenz(a,h)anthracene	1,500	20 J	160	22 J
Indeno(1,2,3-c,d)pyrene	15,000	50	370	56

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

CV0575
012200131010007000

CV0575A-CS-SP Front Yard 4/23/2013
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RML

Metals mg/kg *		
Arsenic	39	50.26
Barium	46,000	300
Cadmium	210	3.4
Chromium(III)	350,000	124.39
Lead	400	525.04
Mercury (elemental)	30	0.54
Selenium	1,200	4.3
Silver	1,200	0.43 J
PAHs µg/kg		
Benz(a)anthracene	15,000	330
Benzo(a)pyrene	1,500	320
Benzo(b)fluoranthene	15,000	610
Benzo(k)fluoranthene	150,000	150
Chrysene	1,500,000	400
Dibenz(a,h)anthracene	1,500	84
Indeno(1,2,3-c,d)pyrene	15,000	260

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- EPA U.S. Environmental Protection Agency
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0583
012200131015009000

	CV0583A-CS Front Yard 4/8/2013	CV0583A-CSD Front Yard 4/8/2013	CV0583B-CS Back Yard 4/8/2013
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	RML			
Metals mg/kg *				
Arsenic	39	9.57	NA	10.04
Barium	46,000	151.68	NA	149.01
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	86.82	NA	51.44
Lead	400	90.02	NA	87.52
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	56 J	80 J	92 J
Benzo(a)pyrene	1,500	55 J	79 J	72 J
Benzo(b)fluoranthene	15,000	120 J	170 J	130 J
Benzo(k)fluoranthene	150,000	28 J	43 J	44 J
Chrysene	1,500,000	93 J	120 J	110 J
Dibenz(a,h)anthracene	1,500	19 J	26 J	22 J
Indeno(1,2,3-c,d)pyrene	15,000	48 J	66 J	51 J

Notes:

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

CV0637
012200131015022000

	RML	CV0637A-CS-SP Front Yard 4/8/2013	CV0637B-CS-SP Back Yard 4/8/2013	CV0637C-CS-SP Side Yard 4/8/2013	CV0637D-CS-SP Side Yard 4/8/2013
Metals mg/kg *					
Arsenic	39	ND	11.12	24.26	29.18
Barium	46,000	212.98	257.31	173.16	240
Cadmium	210	ND	ND	ND	1.5
Chromium(III)	350,000	74.81	75.82	94.1	104.18
Lead	400	178.09	87.27	198.1	330
Mercury (elemental)	30	ND	ND	ND	7.9
Selenium	1,200	ND	ND	ND	7
Silver	1,200	ND	ND	ND	2.1
PAHs µg/kg					
Benz(a)anthracene	15,000	52 J	44 J	120 J	150 J
Benzo(a)pyrene	1,500	39 J	42 J	92 J	160 J
Benzo(b)fluoranthene	15,000	77 J	88 J	170 J	350 J
Benzo(k)fluoranthene	150,000	25 J	21 J	51 J	120 J
Chrysene	1,500,000	67 J	63 J	170 J	230 J
Dibenz(a,h)anthracene	1,500	11 J	16 J	24 J	52 J
Indeno(1,2,3-c,d)pyrene	15,000	27 J	33 J	49 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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0661
012200131010036000

	RML	CV0661A-CS-SP Front Yard 4/10/2013	CV0661B-CS-SP Side Yard 4/10/2013	CV0661C-CS-SP Back Yard 4/10/2013
Metals mg/kg *				
Arsenic	39	17.35	49.41	12.24
Barium	46,000	45.79	224.01	54.29
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	94.97	106.58	99.59
Lead	400	120.54	169.46	138.04
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	860	1,400	420
Benzo(a)pyrene	1,500	870 J	1,100	390
Benzo(b)fluoranthene	15,000	1,500	1,800	680
Benzo(k)fluoranthene	150,000	480	600	280
Chrysene	1,500,000	980	1,400	490
Dibenz(a,h)anthracene	1,500	240	440	120
Indeno(1,2,3-c,d)pyrene	15,000	690	740	300

Notes:

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

CV0662
012200131012004000

CV0662A-CS-SP Vacant Lot 4/30/2013
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RML

Metals mg/kg *		
Arsenic	39	25.81
Barium	46,000	200
Cadmium	210	5.9
Chromium(III)	350,000	99.96
Lead	400	600
Mercury (elemental)	30	0.16
Selenium	1,200	ND
Silver	1,200	0.68 J
PAHs µg/kg		
Benz(a)anthracene	15,000	220
Benzo(a)pyrene	1,500	190
Benzo(b)fluoranthene	15,000	290
Benzo(k)fluoranthene	150,000	120
Chrysene	1,500,000	230
Dibenz(a,h)anthracene	1,500	54
Indeno(1,2,3-c,d)pyrene	15,000	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 hydrocarbon
- 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
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CV0666
012200131010013000

	CV0666A-CS Front Yard 4/2/2013	CV0666B-CS Back Yard 4/2/2013
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	RML		
Metals mg/kg *			
Arsenic	39	13.72	45
Barium	46,000	47.55	1,100 J
Cadmium	210	ND	2.9
Chromium(III)	350,000	75.54	103.96
Lead	400	269.41	450 J
Mercury (elemental)	30	ND	0.44
Selenium	1,200	ND	2.8 J
Silver	1,200	ND	0.22 J
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	210 J
Benzo(a)pyrene	1,500	15 J	160 J
Benzo(b)fluoranthene	15,000	30 J	260 J
Benzo(k)fluoranthene	150,000	7.9 J	160 J
Chrysene	1,500,000	23 J	160 J
Dibenz(a,h)anthracene	1,500	ND	46 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0668
012200131010012000

	RML	CV0668A-CS Front Yard 4/2/2013	CV0668A-CSD Front Yard 4/2/2013	CV0668B-CS Back yard 4/2/2013
Metals mg/kg *				
Arsenic	39	18.88	NA	23.82
Barium	46,000	206.59	NA	156.43
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	99.8	NA	107.6
Lead	400	120.79	NA	315.85
Mercury (elemental)	30	ND	NA	ND
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	ND	72 J	ND
Benzo(a)pyrene	1,500	13 J	56 J	18 J
Benzo(b)fluoranthene	15,000	27 J	85 J	34 J
Benzo(k)fluoranthene	150,000	7.2 J	53 J	13 J
Chrysene	1,500,000	21 J	89 J	19 J
Dibenz(a,h)anthracene	1,500	6.7 J	17 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	49 J	13 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0670
012200131010002000

	RML	CV0670A-CS-SP Vacant Lot 4/30/2013	CV0670B-CS-SP Vacant Lot 4/30/2013	CV0670C-CS-SP Vacant Lot 4/30/2013
Metals mg/kg *				
Arsenic	39	46.9	80.49	28.02
Barium	46,000	362.42	197.59	261.96
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	154.96	322.68	128
Lead	400	561.06	838.69	163.9
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	700	280	310
Benzo(a)pyrene	1,500	580	260	250
Benzo(b)fluoranthene	15,000	940	370	350
Benzo(k)fluoranthene	150,000	380	190	150
Chrysene	1,500,000	640	260	280
Dibenz(a,h)anthracene	1,500	160	63	55 J
Indeno(1,2,3-c,d)pyrene	15,000	660	190	170

Notes:

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

CV0670
012200131010002000

	RML	CV0670D-CS-SP Vacant Lot 4/30/2013	CV0670E-CS-SP Vacant Lot 4/30/2013
Metals mg/kg *			
Arsenic	39	12.83	43.61
Barium	46,000	87.56	118.41
Cadmium	210	ND	ND
Chromium(III)	350,000	54.36	146.61
Lead	400	48.95	245.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160	55
Benzo(a)pyrene	1,500	150	43
Benzo(b)fluoranthene	15,000	250	67
Benzo(k)fluoranthene	150,000	79	27
Chrysene	1,500,000	180	59
Dibenz(a,h)anthracene	1,500	30	8.4 J
Indeno(1,2,3-c,d)pyrene	15,000	95	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0675
012200131006011000

CV0675A-CS-SP Vacant Lot 4/9/2013	CV0675B-CS-SP Vacant Lot 4/9/2013
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	RML		
Metals mg/kg *			
Arsenic	39	39.46	22.97
Barium	46,000	253.75	107.07
Cadmium	210	ND	ND
Chromium(III)	350,000	140.71	104.63
Lead	400	192	124.38
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	200 J	170 J
Benzo(a)pyrene	1,500	280 J	160 J
Benzo(b)fluoranthene	15,000	520 J	290 J
Benzo(k)fluoranthene	150,000	170 J	170 J
Chrysene	1,500,000	380 J	260 J
Dibenz(a,h)anthracene	1,500	130 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	240 J	180 J

Notes:

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

CV0676
012200131008011000

	RML	CV0676A-CS-SP Church Property 4/12/2013	CV0676B-CS-SP Church Property 4/12/2013	CV0676C-CS-SP Church Property 4/12/2013
Metals mg/kg *				
Arsenic	39	ND	12.55	12.94
Barium	46,000	289.9	170.18	190.35
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	81.27	65.31	92.07
Lead	400	23.04	35.06	53.58
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	27	30	94
Benzo(a)pyrene	1,500	21 J	24 J	96 J
Benzo(b)fluoranthene	15,000	48	50	200
Benzo(k)fluoranthene	150,000	11	13	63
Chrysene	1,500,000	38	44	170
Dibenz(a,h)anthracene	1,500	5.2 J	ND	23 J
Indeno(1,2,3-c,d)pyrene	15,000	9.9 J	11 J	45

Notes:

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

CV0686
012200131007017000

	RML	CV0686A-CS-SP Front Yard 4/23/2013	CV0686B-CS-SP Back Yard 4/23/2013	CV0686C-GS-SP Drainage Ditch 4/23/2013
Metals mg/kg *				
Arsenic	39	16.67	7.88	7.83
Barium	46,000	82.63	265.62	151.12
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	58	69.33	81.35
Lead	400	133.79	29.8	24.84
Mercury (elemental)	30	ND	8.22	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	200	24	220
Benzo(a)pyrene	1,500	170	19	180
Benzo(b)fluoranthene	15,000	330	32	270
Benzo(k)fluoranthene	150,000	83	12	68
Chrysene	1,500,000	300	26	280
Dibenz(a,h)anthracene	1,500	50	5 J	44 J
Indeno(1,2,3-c,d)pyrene	15,000	140	16 J	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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0689
012200131015028000

	RML	CV0689A-CS Front Yard 4/17/2013	CV0689B-CS Back Yard 4/17/2013	CV0689B-CSD Back Yard 4/17/2013
Metals mg/kg *				
Arsenic	39	10.64	10.58	NA
Barium	46,000	180.92	153.05	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	69.77	72.57	NA
Lead	400	116.93	91.7	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	380	110	100
Benzo(a)pyrene	1,500	370 J	120 J	100 J
Benzo(b)fluoranthene	15,000	700	240	180
Benzo(k)fluoranthene	150,000	240	64	68
Chrysene	1,500,000	440	160	130
Dibenz(a,h)anthracene	1,500	65	24 J	20 J
Indeno(1,2,3-c,d)pyrene	15,000	160	58	50

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

CV0695
012200131018002000

	RML	CV0695A-CS Front Yard 4/12/2013	CV0695A-CSD Front Yard 4/12/2013	CV0695B-CS Back Yard 4/12/2013
Metals mg/kg *				
Arsenic	39	27.91	NA	14.86
Barium	46,000	168.83	NA	249.83
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	121.23	NA	77.5
Lead	400	49.01	NA	139.51
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	85 J	46 J	77
Benzo(a)pyrene	1,500	77 J	46 J	69 J
Benzo(b)fluoranthene	15,000	160	98	150
Benzo(k)fluoranthene	150,000	46	31	49
Chrysene	1,500,000	140	89	98
Dibenz(a,h)anthracene	1,500	17 J	12 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	39	20 J	27

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

CV0717
012200131022006000

CV0717A-CS Front Yard 4/2/2013	CV0717B-CS Back Yard 4/2/2013
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	RML	CV0717A-CS Front Yard 4/2/2013	CV0717B-CS Back Yard 4/2/2013
Metals mg/kg *			
Arsenic	39	15.86	19.88
Barium	46,000	193.95	71.94
Cadmium	210	ND	ND
Chromium(III)	350,000	114.01	112.86
Lead	400	109.18	107.98
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	86 J
Benzo(a)pyrene	1,500	24 J	70 J
Benzo(b)fluoranthene	15,000	40 J	100 J
Benzo(k)fluoranthene	150,000	18 J	81 J
Chrysene	1,500,000	28 J	100 J
Dibenz(a,h)anthracene	1,500	ND	25 J
Indeno(1,2,3-c,d)pyrene	15,000	22 J	29 J

Notes:

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

CV0718
012200131021004000

CV0718A-CS-SP	CV0718B-CS-SP
Front Yard	Back Yard
4/23/2013	4/23/2013

	RML	CV0718A-CS-SP Front Yard 4/23/2013	CV0718B-CS-SP Back Yard 4/23/2013
Metals mg/kg *			
Arsenic	39	15.48	21.55
Barium	46,000	173.24	221.01
Cadmium	210	ND	ND
Chromium(III)	350,000	81.14	112.97
Lead	400	74.07	144.21
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	160
Benzo(a)pyrene	1,500	120	130
Benzo(b)fluoranthene	15,000	190	240
Benzo(k)fluoranthene	150,000	70	57
Chrysene	1,500,000	190	210
Dibenz(a,h)anthracene	1,500	31 J	42 J
Indeno(1,2,3-c,d)pyrene	15,000	95 J	100

Notes:

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

CV0722
012200131019007000

	CV0722A-CS Side Yard 4/8/2013	CV0722B-CS Side Yard 4/8/2013
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	RML		
Metals mg/kg *			
Arsenic	39	12.73	9.93
Barium	46,000	210.45	158.75
Cadmium	210	ND	ND
Chromium(III)	350,000	62.11	105.97
Lead	400	32.24	35.46
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	390 J	130 J
Benzo(a)pyrene	1,500	590 J	200 J
Benzo(b)fluoranthene	15,000	1,300 J	400 J
Benzo(k)fluoranthene	150,000	350 J	110 J
Chrysene	1,500,000	570 J	180 J
Dibenz(a,h)anthracene	1,500	220 J	59 J
Indeno(1,2,3-c,d)pyrene	15,000	490 J	150 J

Notes:

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

CV0727
012200131016026000

CV0727A-CS-SP Vacant Lot 4/29/2013
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RML

Metals mg/kg *		
Arsenic	39	24.8
Barium	46,000	307.22
Cadmium	210	ND
Chromium(III)	350,000	105.43
Lead	400	217.47
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	89
Benzo(b)fluoranthene	15,000	130
Benzo(k)fluoranthene	150,000	62
Chrysene	1,500,000	110
Dibenz(a,h)anthracene	1,500	19 J
Indeno(1,2,3-c,d)pyrene	15,000	76

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

CV0728
012200132020020000

CV0728A-CS-SP	CV0728B-CS-SP
Vacant Lot	Vacant Lot
4/29/2013	4/29/2013

	RML	CV0728A-CS-SP	CV0728B-CS-SP
Metals mg/kg *			
Arsenic	39	15.69	9.05
Barium	46,000	160.59	180.42
Cadmium	210	ND	ND
Chromium(III)	350,000	42.67	60.56
Lead	400	95.65	94.58
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	57	42
Benzo(a)pyrene	1,500	52	33
Benzo(b)fluoranthene	15,000	84	51
Benzo(k)fluoranthene	150,000	31	27
Chrysene	1,500,000	83	57
Dibenz(a,h)anthracene	1,500	13 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	44	35

Notes:

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

CV0731
012200132021009000

CV0731A-CS-SP	CV0731B-CS-SP
Vacant Lot	Vacant Lot
4/29/2013	4/29/2013

	RML		
Metals mg/kg *			
Arsenic	39	48.67	12.17
Barium	46,000	200	155.38
Cadmium	210	0.77	ND
Chromium(III)	350,000	123.07	79.09
Lead	400	475.06	133.9
Mercury (elemental)	30	0.24	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	860 J	68
Benzo(a)pyrene	1,500	680 J	46
Benzo(b)fluoranthene	15,000	840 J	79
Benzo(k)fluoranthene	150,000	440 J	29
Chrysene	1,500,000	710 J	78
Dibenz(a,h)anthracene	1,500	170 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	600 J	39

Notes:

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

CV0741
012200134001002002

	RML	CV0741A-CS-SP Front Yard 4/3/2013	CV0741B-CS-SP Back Yard 4/3/2013	CV0741C-GS-SP Drainage Ditch 4/3/2013
Metals mg/kg *				
Arsenic	39	10.4	16.29	9.77
Barium	46,000	209.46	217.05	46.64
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	81.78	87.79	65.03
Lead	400	59.06	98.93	80.69
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	ND	ND	45
Benzo(a)pyrene	1,500	35	28	23
Benzo(b)fluoranthene	15,000	65	35	51
Benzo(k)fluoranthene	150,000	17	11 J	21
Chrysene	1,500,000	27	17	33
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	85	ND	ND

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

CV0745
012200134022005001

CV0745A-CS-SP Front/Side Yard 4/15/2013	CV0745B-CS-SP Back Yard 4/15/2013
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	RML	CV0745A-CS-SP Front/Side Yard 4/15/2013	CV0745B-CS-SP Back Yard 4/15/2013
Metals mg/kg *			
Arsenic	39	14.96	35.66
Barium	46,000	185.12	121.34
Cadmium	210	ND	ND
Chromium(III)	350,000	109.41	90.58
Lead	400	156.97	282.83
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	150
Benzo(a)pyrene	1,500	190	140
Benzo(b)fluoranthene	15,000	280	330
Benzo(k)fluoranthene	150,000	110	65
Chrysene	1,500,000	200	200
Dibenz(a,h)anthracene	1,500	ND	79
Indeno(1,2,3-c,d)pyrene	15,000	ND	130

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

CV0752
012200134017016000

	RML	CV0752A-CS-SP Front Yard 4/25/2013	CV0752B-CS-SP Back Yard 4/25/2013	CV0752C-GS-SP Playset 4/25/2013
Metals mg/kg *				
Arsenic	39	10.26	57.7	ND
Barium	46,000	440.24	340	278.82
Cadmium	210	ND	2.7	ND
Chromium(III)	350,000	100.55	182.97	90.62
Lead	400	68.71	570.5	62.78
Mercury (elemental)	30	ND	0.42	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	40	430	61
Benzo(a)pyrene	1,500	31	410	ND
Benzo(b)fluoranthene	15,000	54	710	50 J
Benzo(k)fluoranthene	150,000	26	360	17 J
Chrysene	1,500,000	47	520	51
Dibenz(a,h)anthracene	1,500	7.1 J	140	ND
Indeno(1,2,3-c,d)pyrene	15,000	35	360	ND

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 hydrocarbon
 - 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

CV0773
012200134022036000

	CV0773A-CS Vacant Lot 4/23/2013	CV0773B-CS Vacant Lot 4/23/2013
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	RML		
Metals mg/kg *			
Arsenic	39	11.18	24.18
Barium	46,000	192.35	85.9
Cadmium	210	ND	ND
Chromium(III)	350,000	77.36	89.55
Lead	400	55.1	227.31
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	71	210
Benzo(a)pyrene	1,500	66 J	170 J
Benzo(b)fluoranthene	15,000	130	380
Benzo(k)fluoranthene	150,000	39	96
Chrysene	1,500,000	120	420
Dibenz(a,h)anthracene	1,500	15 J	48 J
Indeno(1,2,3-c,d)pyrene	15,000	32	77 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0788
012200134023006000

	CV0788A-CS Front Yard 4/18/2013	CV0788B-CS Back Yard 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	25.55	13.46
Barium	46,000	426.24	128.6
Cadmium	210	ND	ND
Chromium(III)	350,000	135.11	88.88
Lead	400	127.98	82.04
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	140
Benzo(a)pyrene	1,500	130	120
Benzo(b)fluoranthene	15,000	160	220
Benzo(k)fluoranthene	150,000	81	120
Chrysene	1,500,000	150	180
Dibenz(a,h)anthracene	1,500	29	18 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0789
012200134022045000

	CV0789A-CS Side Yard 4/3/2013	CV0789B-CS Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	22.1	36.71
Barium	46,000	246.92	174.98
Cadmium	210	ND	ND
Chromium(III)	350,000	122.19	364.96
Lead	400	167.95	365.83
Mercury (elemental)	30	ND	14.4
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	79
Benzo(a)pyrene	1,500	120	46
Benzo(b)fluoranthene	15,000	220	80
Benzo(k)fluoranthene	150,000	79	23
Chrysene	1,500,000	140	94
Dibenz(a,h)anthracene	1,500	71	ND
Indeno(1,2,3-c,d)pyrene	15,000	140	92

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

CV0790
012200134022046000

	RML	CV0790A-CS-SP Vacant Lot 4/24/2013	CV0790B-CS-SP Vacant Lot 4/24/2013	CV0790C-CS-SP Vacant Lot 4/24/2013
Metals mg/kg *				
Arsenic	39	73.22	45.87	53
Barium	46,000	190.13	195.76	1,100
Cadmium	210	ND	ND	0.47 J
Chromium(III)	350,000	192.85	87.03	103.32
Lead	400	1,030.07	668.8	222.29
Mercury (elemental)	30	ND	ND	0.42
Selenium	1,200	ND	ND	2.1 J
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	230	210	170
Benzo(a)pyrene	1,500	160	160	170
Benzo(b)fluoranthene	15,000	280	260	300
Benzo(k)fluoranthene	150,000	82	140	90
Chrysene	1,500,000	270	230	260
Dibenz(a,h)anthracene	1,500	32 J	ND	48
Indeno(1,2,3-c,d)pyrene	15,000	95 J	91 J	140

Notes:

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

CV0809
012200134022002000

CV0809A-CS Vacant Lot 4/23/2013	CV0809A-CSD Vacant Lot 4/23/2013
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	RML	CV0809A-CS Vacant Lot 4/23/2013	CV0809A-CSD Vacant Lot 4/23/2013
Metals mg/kg *			
Arsenic	39	13.13	NA
Barium	46,000	102.92	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	96.99	NA
Lead	400	108.49	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	430	370
Benzo(a)pyrene	1,500	370	370
Benzo(b)fluoranthene	15,000	520	610
Benzo(k)fluoranthene	150,000	210	180
Chrysene	1,500,000	400	410
Dibenz(a,h)anthracene	1,500	89	98
Indeno(1,2,3-c,d)pyrene	15,000	310	330

Notes:

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

CV0818
012200134022004000

	CV0818A-CS Front Yard 4/3/2013	CV0818B-CS Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	12.76	30.11
Barium	46,000	144.13	241.49
Cadmium	210	ND	ND
Chromium(III)	350,000	89.21	109.35
Lead	400	163.86	392.84
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	ND
Benzo(a)pyrene	1,500	220	110
Benzo(b)fluoranthene	15,000	330	140
Benzo(k)fluoranthene	150,000	110	66
Chrysene	1,500,000	240	83
Dibenz(a,h)anthracene	1,500	99	ND
Indeno(1,2,3-c,d)pyrene	15,000	180	ND

Notes:

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

CV0877
012200134020006000

CV0877A-CS
Vacant Lot
4/10/2013

RML

Metals mg/kg *		
Arsenic	39	57
Barium	46,000	550
Cadmium	210	3.8
Chromium(III)	350,000	211.81
Lead	400	437.49
Mercury (elemental)	30	0.61
Selenium	1,200	ND
Silver	1,200	0.37 J
PAHs µg/kg		
Benz(a)anthracene	15,000	340
Benzo(a)pyrene	1,500	300 J
Benzo(b)fluoranthene	15,000	580
Benzo(k)fluoranthene	150,000	230
Chrysene	1,500,000	470
Dibenz(a,h)anthracene	1,500	140 J
Indeno(1,2,3-c,d)pyrene	15,000	260

Notes:

- CS Composite sample
- CV Collegeville Neighborhood
- 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 hydrocarbon
- 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

CV0886
012300182004020000

CV0886A-CS-SP	CV0886B-CS-SP
Vacant Lot 4/10/2013	Vacant Lot 4/10/2013

	RML		
Metals mg/kg *			
Arsenic	39	34.52	38.64
Barium	46,000	298.16	315.19
Cadmium	210	ND	ND
Chromium(III)	350,000	168.49	151.55
Lead	400	431.05	350.35
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110,000	34,000
Benzo(a)pyrene	1,500	91,000 J	27,000
Benzo(b)fluoranthene	15,000	140,000	46,000
Benzo(k)fluoranthene	150,000	51,000	19,000
Chrysene	1,500,000	100,000	30,000
Dibenz(a,h)anthracene	1,500	28,000	5,400
Indeno(1,2,3-c,d)pyrene	15,000	66,000	15,000

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 hydrocarbon
- 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

CV0909
012200134018001000

	CV0909A-GS Back Yard 4/18/2013	CV0909B-GS Front Yard 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	31.58	37.29
Barium	46,000	248.55	243.53
Cadmium	210	ND	ND
Chromium(III)	350,000	120.88	119.38
Lead	400	261.03	311.65
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	310	900
Benzo(a)pyrene	1,500	250 J	680
Benzo(b)fluoranthene	15,000	430	920
Benzo(k)fluoranthene	150,000	130	380
Chrysene	1,500,000	380	840
Dibenz(a,h)anthracene	1,500	64 J	76 J
Indeno(1,2,3-c,d)pyrene	15,000	160	600

Notes:

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

CV0927
012300182004008000

CV0927A-CS-SP	CV0927B-CS-SP
Front Yard	Back Yard
4/23/2013	4/23/2013

	RML		
Metals mg/kg *			
Arsenic	39	18.41	13.93
Barium	46,000	150.66	165.4
Cadmium	210	ND	ND
Chromium(III)	350,000	101.65	95.22
Lead	400	526.08	128.09
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	82	100
Benzo(a)pyrene	1,500	86	100
Benzo(b)fluoranthene	15,000	160	180
Benzo(k)fluoranthene	150,000	52	75
Chrysene	1,500,000	110	160
Dibenz(a,h)anthracene	1,500	20 J	30
Indeno(1,2,3-c,d)pyrene	15,000	73	86

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 hydrocarbon
- 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

CV0928
012300182002025000

CV0928A-CS-SP	CV0928B-CS-SP
Front Yard	Back Yard
4/9/2013	4/9/2013

RML

Metals mg/kg *			
Arsenic	39	21.23	23.57
Barium	46,000	91.01	126.51
Cadmium	210	ND	ND
Chromium(III)	350,000	139.04	116.92
Lead	400	259.62	212.97
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110 J	89 J
Benzo(a)pyrene	1,500	86 J	130 J
Benzo(b)fluoranthene	15,000	180 J	220 J
Benzo(k)fluoranthene	150,000	23 J	97 J
Chrysene	1,500,000	86 J	180 J
Dibenz(a,h)anthracene	1,500	ND	100 J
Indeno(1,2,3-c,d)pyrene	15,000	150 J	160 J

Notes:

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

CV0954
012200134018009000

CV0954A-CS-SP	CV0954B-CS-SP
Front Yard	Back Yard
4/2/2013	4/2/2013

RML

Metals mg/kg *			
Arsenic	39	ND	10.99
Barium	46,000	154.51	138.25
Cadmium	210	ND	ND
Chromium(III)	350,000	52.34	112.74
Lead	400	87.6	211.95
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	24 J	12 J
Benzo(b)fluoranthene	15,000	38 J	19 J
Benzo(k)fluoranthene	150,000	25 J	ND
Chrysene	1,500,000	34 J	10 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	14 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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0963
012200134019019000

CV0963A-CS-SP Vacant Lot 4/30/2013
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RML

Metals mg/kg *		
Arsenic	39	13.35
Barium	46,000	177.87
Cadmium	210	ND
Chromium(III)	350,000	99.68
Lead	400	108.95
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	330
Benzo(a)pyrene	1,500	230
Benzo(b)fluoranthene	15,000	330
Benzo(k)fluoranthene	150,000	130
Chrysene	1,500,000	290
Dibenz(a,h)anthracene	1,500	38
Indeno(1,2,3-c,d)pyrene	15,000	120

Notes:

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

CV0964
012200134022015000

CV0964A-CS-SP Side Yard 4/30/2013	CV0964B-CS-SP Side Yard 4/30/2013
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RML

Metals mg/kg *			
Arsenic	39	21.56	16.24
Barium	46,000	189.74	202
Cadmium	210	ND	ND
Chromium(III)	350,000	159.59	114.09
Lead	400	86.17	103.13
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	310	820
Benzo(a)pyrene	1,500	220	600
Benzo(b)fluoranthene	15,000	280	830
Benzo(k)fluoranthene	150,000	150	410
Chrysene	1,500,000	230	650
Dibenz(a,h)anthracene	1,500	40 J	110
Indeno(1,2,3-c,d)pyrene	15,000	120	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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV0988
012200134043011000

	RML	CV0988A-CS Front Yard 4/30/2013	CV0988A-CSD Front Yard 4/30/2013	CV0988B-CS Back Yard 4/30/2013
Metals mg/kg *				
Arsenic	39	30.7	25	26.19
Barium	46,000	370	330	229.71
Cadmium	210	3.8	7.5	ND
Chromium(III)	350,000	173.36	71	123.33
Lead	400	460	480	167.49
Mercury (elemental)	30	0.37	0.34	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	0.47 J	0.49 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	290	180	45
Benzo(a)pyrene	1,500	250	150	36
Benzo(b)fluoranthene	15,000	360	240	55
Benzo(k)fluoranthene	150,000	170 J	91 J	26
Chrysene	1,500,000	270	170	48
Dibenz(a,h)anthracene	1,500	55	30	5.9 J
Indeno(1,2,3-c,d)pyrene	15,000	190 J	96 J	23

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV0993
012200134043016000

CV0993A-CS Vacant Lot 4/11/2013	CV0993B-CS Vacant Lot 4/11/2013
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	RML	CV0993A-CS Vacant Lot 4/11/2013	CV0993B-CS Vacant Lot 4/11/2013
Metals mg/kg *			
Arsenic	39	42.11	25.34
Barium	46,000	374.19	298.85
Cadmium	210	3.5	ND
Chromium(III)	350,000	126.13	166.51
Lead	400	320	259.6
Mercury (elemental)	30	0.19	ND
Selenium	1,200	ND	ND
Silver	1,200	0.54 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140	3,200
Benzo(a)pyrene	1,500	120 J	3,000 J
Benzo(b)fluoranthene	15,000	230	3,900
Benzo(k)fluoranthene	150,000	71	1,400
Chrysene	1,500,000	170	3,100
Dibenz(a,h)anthracene	1,500	29	450
Indeno(1,2,3-c,d)pyrene	15,000	78	1,400

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 hydrocarbon
- 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

CV0998
012200134042017000

CV0998A-CS
Front Yard
4/18/2013

RML

Metals mg/kg *		
Arsenic	39	34.82
Barium	46,000	343.35
Cadmium	210	3.4
Chromium(III)	350,000	158.78
Lead	400	540
Mercury (elemental)	30	0.39
Selenium	1,200	ND
Silver	1,200	0.33 J
PAHs µg/kg		
Benz(a)anthracene	15,000	730
Benzo(a)pyrene	1,500	780
Benzo(b)fluoranthene	15,000	1,300
Benzo(k)fluoranthene	150,000	480
Chrysene	1,500,000	630
Dibenz(a,h)anthracene	1,500	240
Indeno(1,2,3-c,d)pyrene	15,000	440

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 hydrocarbon
- 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

CV1001
012200134042021000

CV1001A-CS
Vacant Lot
4/15/2013

RML

Metals mg/kg *		
Arsenic	39	54
Barium	46,000	550
Cadmium	210	4.3
Chromium(III)	350,000	133.5
Lead	400	570 J
Mercury (elemental)	30	8.18
Selenium	1,200	1.3 J
Silver	1,200	0.45 J
PAHs µg/kg		
Benz(a)anthracene	15,000	720
Benzo(a)pyrene	1,500	420
Benzo(b)fluoranthene	15,000	700
Benzo(k)fluoranthene	150,000	130
Chrysene	1,500,000	480
Dibenz(a,h)anthracene	1,500	73 J
Indeno(1,2,3-c,d)pyrene	15,000	420

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
 - RML EPA Regional Removal Management Levels, dated December 2012
 - PAH Polycyclic aromatic hydrocarbon
 - 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

CV1013
012200134040008000

CV1013A-CS-SP	CV1013B-CS-SP
Front Yard	Back Yard
4/16/2013	4/16/2013

RML

Metals mg/kg *			
Arsenic	39	26.29	9.19
Barium	46,000	236.26	172.39
Cadmium	210	ND	ND
Chromium(III)	350,000	294.5	95.06
Lead	400	315.72	115.17
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160	1,100
Benzo(a)pyrene	1,500	160	1,400
Benzo(b)fluoranthene	15,000	290	2,900
Benzo(k)fluoranthene	150,000	130	930
Chrysene	1,500,000	190	1,300
Dibenz(a,h)anthracene	1,500	44	550
Indeno(1,2,3-c,d)pyrene	15,000	160	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1066
012200134036011000

	CV1066A-CS-SP Front Yard 4/16/2013	CV1066B-CS-SP Back Yard 4/16/2013
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	RML		
Metals mg/kg *			
Arsenic	39	25	43
Barium	46,000	204.6	590
Cadmium	210	ND	2.6
Chromium(III)	350,000	118.95	121.18
Lead	400	179.12	530
Mercury (elemental)	30	ND	3.4
Selenium	1,200	ND	ND
Silver	1,200	ND	0.5 J
PAHs µg/kg			
Benz(a)anthracene	15,000	210	510
Benzo(a)pyrene	1,500	190 J	780 J
Benzo(b)fluoranthene	15,000	350	1,200 J
Benzo(k)fluoranthene	150,000	110	380
Chrysene	1,500,000	280	660 J
Dibenz(a,h)anthracene	1,500	63 J	190
Indeno(1,2,3-c,d)pyrene	15,000	120	580 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 hydrocarbon
- 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

CV1082
012200134042008000

	RML	CV1082A-CS Vacant Lot 4/15/2013	CV1082A-CSD Vacant Lot 4/15/2013
Metals mg/kg *			
Arsenic	39	14.07	NA
Barium	46,000	328.69	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	67.91	NA
Lead	400	138.13	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	120 J	1,300 J
Benzo(a)pyrene	1,500	100 J	1,300 J
Benzo(b)fluoranthene	15,000	180 J	1,900 J
Benzo(k)fluoranthene	150,000	58 J	730 J
Chrysene	1,500,000	130 J	1,500 J
Dibenz(a,h)anthracene	1,500	88 J	230 J
Indeno(1,2,3-c,d)pyrene	15,000	110 J	770 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1086
012200134037021000

	RML	CV1086A-CS Vacant Lot 4/10/2013	CV1086B-GS Vacant Lot 4/10/2013	CV1086C-GS Vacant Lot 4/10/2013
Metals mg/kg *				
Arsenic	39	34	34.58	ND
Barium	46,000	700	423.35	202.47
Cadmium	210	5.1	ND	ND
Chromium(III)	350,000	287.88	109.45	152.1
Lead	400	630	402.12	1031.02
Mercury (elemental)	30	0.48	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	0.45 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	420	1.9	360
Benzo(a)pyrene	1,500	280	1.2	230
Benzo(b)fluoranthene	15,000	550	1.8	420
Benzo(k)fluoranthene	150,000	170	1	190
Chrysene	1,500,000	520	1.8	510
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	400	3.2	450

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 hydrocarbon
- 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

CV1087
012200134042006000

CV1087A-CS Vacant Lot 4/18/2013	CV1087B-CS Vacant Lot 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	43	28.16
Barium	46,000	276.72	330.41
Cadmium	210	0.85	ND
Chromium(III)	350,000	153.44	148.06
Lead	400	457.83	160.81
Mercury (elemental)	30	0.54	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	600	240
Benzo(a)pyrene	1,500	660 J	210 J
Benzo(b)fluoranthene	15,000	1,200	380
Benzo(k)fluoranthene	150,000	470	140
Chrysene	1,500,000	840	300
Dibenz(a,h)anthracene	1,500	140	45 J
Indeno(1,2,3-c,d)pyrene	15,000	330	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 hydrocarbon
- 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

CV1088
012200134037022000

CV1088A-CS Vacant Lot 4/10/2013	CV1088B-GS Vacant Lot 4/10/2013
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	RML	CV1088A-CS Vacant Lot 4/10/2013	CV1088B-GS Vacant Lot 4/10/2013
Metals mg/kg *			
Arsenic	39	24.64	18
Barium	46,000	315.65	84.15
Cadmium	210	ND	ND
Chromium(III)	350,000	324.9	102.39
Lead	400	333.73	185.38
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	39
Benzo(a)pyrene	1,500	150	33
Benzo(b)fluoranthene	15,000	310	76
Benzo(k)fluoranthene	150,000	98	24
Chrysene	1,500,000	270	52
Dibenz(a,h)anthracene	1,500	78	ND
Indeno(1,2,3-c,d)pyrene	15,000	170	110

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

CV1090
012200134042004000

CV1090A-CS Vacant Lot 4/10/2013	CV1090A-CSD Vacant Lot 4/10/2013
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RML

Metals mg/kg *			
Arsenic	39	75.41	NA
Barium	46,000	435.44	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	178.32	NA
Lead	400	640.44	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	14,000 J	350 J
Benzo(a)pyrene	1,500	10,000 J	240 J
Benzo(b)fluoranthene	15,000	17,000 J	570 J
Benzo(k)fluoranthene	150,000	8,400 J	170 J
Chrysene	1,500,000	14,000 J	810 J
Dibenz(a,h)anthracene	1,500	2,400 J	140 J
Indeno(1,2,3-c,d)pyrene	15,000	5,200 J	200 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 hydrocarbon
- 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

CV1091
012200134037023000

CV1091A-CS
Back Yard
4/10/2013

RML

Metals mg/kg *		
Arsenic	39	67
Barium	46,000	1,100
Cadmium	210	3.5
Chromium(III)	350,000	176.41
Lead	400	432.11
Mercury (elemental)	30	0.67
Selenium	1,200	ND
Silver	1,200	0.6 J
PAHs µg/kg		
Benz(a)anthracene	15,000	51
Benzo(a)pyrene	1,500	9.9 J
Benzo(b)fluoranthene	15,000	36
Benzo(k)fluoranthene	150,000	12 J
Chrysene	1,500,000	38
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND

Notes:

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

CV1099
012200134042001000

CV1099A-CS
Vacant Lot
4/9/2013

RML

Metals mg/kg *		
Arsenic	39	37.48
Barium	46,000	400
Cadmium	210	2.8
Chromium(III)	350,000	112.98
Lead	400	450
Mercury (elemental)	30	0.32
Selenium	1,200	6.8
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	51 J
Benzo(a)pyrene	1,500	47 J
Benzo(b)fluoranthene	15,000	92 J
Benzo(k)fluoranthene	150,000	27 J
Chrysene	1,500,000	82 J
Dibenz(a,h)anthracene	1,500	13 J
Indeno(1,2,3-c,d)pyrene	15,000	21 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 hydrocarbon
- 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

CV1100
012200134042001001

CV1100A-CS
Vacant Lot
4/9/2013

	RML	
Metals mg/kg *		
Arsenic	39	45.54
Barium	46,000	480
Cadmium	210	2
Chromium(III)	350,000	135.83
Lead	400	400
Mercury (elemental)	30	0.46
Selenium	1,200	8.8
Silver	1,200	0.14 J
PAHs µg/kg		
Benz(a)anthracene	15,000	110 J
Benzo(a)pyrene	1,500	94 J
Benzo(b)fluoranthene	15,000	190 J
Benzo(k)fluoranthene	150,000	50 J
Chrysene	1,500,000	180 J
Dibenz(a,h)anthracene	1,500	22 J
Indeno(1,2,3-c,d)pyrene	15,000	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
 - RML EPA Regional Removal Management Levels, dated December 2012
 - PAH Polycyclic aromatic hydrocarbon
 - 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

CV1102
012200134038005000

	CV1102A-CS Side Yard 4/17/2013	CV1102B-CS Side Yard 4/17/2013
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	RML		
Metals mg/kg *			
Arsenic	39	18.52	17.57
Barium	46,000	134.88	217.74
Cadmium	210	ND	ND
Chromium(III)	350,000	111.66	123.52
Lead	400	115.82	130.44
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	230 J	200 J
Benzo(b)fluoranthene	15,000	450	370
Benzo(k)fluoranthene	150,000	130	130
Chrysene	1,500,000	300	350
Dibenz(a,h)anthracene	1,500	38	44 J
Indeno(1,2,3-c,d)pyrene	15,000	100	82 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1115
012200134039011000

	RML	CV1115A-CS Front Yard 4/17/2013	CV1115A-CSD Front Yard 4/17/2013	CV1115B-CS Back Yard 4/17/2013
Metals mg/kg *				
Arsenic	39	24.95	NA	9.98
Barium	46,000	179.03	NA	252.79
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	110.4	NA	138.53
Lead	400	103.35	NA	130.34
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	96	98	41
Benzo(a)pyrene	1,500	91 J	94 J	29 J
Benzo(b)fluoranthene	15,000	160	190	54
Benzo(k)fluoranthene	150,000	62	57	19
Chrysene	1,500,000	130	130	45
Dibenz(a,h)anthracene	1,500	22 J	20 J	6.6 J
Indeno(1,2,3-c,d)pyrene	15,000	50	46	15 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1116
012200134040001000

	CV1116A-CS Front Yard 4/24/2013	CV1116B-CS Back Yard 4/24/2013
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	RML		
Metals mg/kg *			
Arsenic	39	16.72	10.03
Barium	46,000	123.88	86.09
Cadmium	210	ND	ND
Chromium(III)	350,000	74.1	155
Lead	400	110.24	111.93
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	59
Benzo(a)pyrene	1,500	88	53
Benzo(b)fluoranthene	15,000	170	100
Benzo(k)fluoranthene	150,000	39 J	29
Chrysene	1,500,000	140	69
Dibenz(a,h)anthracene	1,500	ND	11 J
Indeno(1,2,3-c,d)pyrene	15,000	67 J	41

Notes:

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

CV1117
012200134039012000

	RML	CV1117A-CS Front Yard 4/11/2013	CV1117B-CS Back Yard 4/11/2013	CV1117C-GS Drainage Ditch 4/11/2013
Metals mg/kg *				
Arsenic	39	8.98	10.91	28
Barium	46,000	145.33	120.17	48.97
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	53.01	76.04	261.27
Lead	400	120.84	122.87	315.83
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	170	210	210
Benzo(a)pyrene	1,500	210 J	200 J	200 J
Benzo(b)fluoranthene	15,000	480	420	480
Benzo(k)fluoranthene	150,000	150	110	120
Chrysene	1,500,000	240	280	380
Dibenz(a,h)anthracene	1,500	40	38	55 J
Indeno(1,2,3-c,d)pyrene	15,000	120	110	130

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

CV1142
012200134036007002

	RML	CV1142A-CS Vacant Lot 4/26/2013	CV1142A-CSD Vacant Lot 4/26/2013	CV1142B-CS Vacant Lot 4/26/2013
Metals mg/kg *				
Arsenic	39	ND	NA	30
Barium	46,000	214.43	NA	250
Cadmium	210	ND	NA	1.3
Chromium(III)	350,000	344.68	NA	114.86
Lead	400	136.99	NA	280
Mercury (elemental)	30	ND	NA	0.36
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	0.16 J
PAHs µg/kg				
Benz(a)anthracene	15,000	1,000 J	190 J	130
Benzo(a)pyrene	1,500	910 J	180 J	130 J
Benzo(b)fluoranthene	15,000	1,300 J	270 J	220
Benzo(k)fluoranthene	150,000	690 J	120 J	91
Chrysene	1,500,000	1,100 J	240 J	190
Dibenz(a,h)anthracene	1,500	160 J	29 J	20 J
Indeno(1,2,3-c,d)pyrene	15,000	380 J	63 J	51

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

CV1143
012200134036007001

CV1143A-CS Vacant Lot 4/26/2013	CV1143B-CS Vacant Lot 4/26/2013
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	RML	CV1143A-CS Vacant Lot 4/26/2013	CV1143B-CS Vacant Lot 4/26/2013
Metals mg/kg *			
Arsenic	39	16.44	9.31
Barium	46,000	109.6	170.34
Cadmium	210	ND	ND
Chromium(III)	350,000	104.06	111.85
Lead	400	117.83	151.14
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	31	95
Benzo(a)pyrene	1,500	29 J	66 J
Benzo(b)fluoranthene	15,000	54	110
Benzo(k)fluoranthene	150,000	24	42
Chrysene	1,500,000	97	130
Dibenz(a,h)anthracene	1,500	7 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1144
012200134033011000

	RML	CV1144A-CS Vacant Lot 4/25/2013	CV1144B-CS Vacant Lot 4/25/2013	CV1144C-CS Vacant Lot 4/25/2013	CV1144C-CSD Vacant Lot 4/25/2013
Metals mg/kg *					
Arsenic	39	5.1	ND	9.57	NA
Barium	46,000	161.77	127.47	118.72	NA
Cadmium	210	ND	ND	ND	NA
Chromium(III)	350,000	29.15	54.66	54.29	NA
Lead	400	37.82	114.01	72.77	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	38	79	41	45
Benzo(a)pyrene	1,500	31	69	33	39 J
Benzo(b)fluoranthene	15,000	51	100	52	63
Benzo(k)fluoranthene	150,000	21	53	25	29
Chrysene	1,500,000	38	96	44 J	67 J
Dibenz(a,h)anthracene	1,500	5.5 J	13 J	5.5 J	10 J
Indeno(1,2,3-c,d)pyrene	15,000	23 J	49	21 J	22 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1145
012200134036007000

	CV1145A-CS Vacant Lot 4/26/2013	CV1145B-CS Vacant Lot 4/26/2013
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	RML		
Metals mg/kg *			
Arsenic	39	8.21	10.73
Barium	46,000	306.99	256.37
Cadmium	210	ND	ND
Chromium(III)	350,000	101.34	107.77
Lead	400	15.86	123.7
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	7.3 J	24 J
Benzo(b)fluoranthene	15,000	13 J	44
Benzo(k)fluoranthene	150,000	8.4 J	32
Chrysene	1,500,000	13	41
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	10 J

Notes:

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

CV1146
012200134033012000

CV1146A-GS Vacant Lot 4/25/2013

RML

Metals mg/kg *		
Arsenic	39	11.8
Barium	46,000	304.92
Cadmium	210	ND
Chromium(III)	350,000	91.35
Lead	400	32.05
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	36
Benzo(a)pyrene	1,500	38 J
Benzo(b)fluoranthene	15,000	50
Benzo(k)fluoranthene	150,000	24
Chrysene	1,500,000	48
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	15 J

Notes:

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

CV1150
012200134033014000

	CV1150A-CS Front Yard 4/18/2013	CV1150B-CS Back Yard 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	11.78	17.41
Barium	46,000	210.27	128.61
Cadmium	210	ND	ND
Chromium(III)	350,000	107.26	101.29
Lead	400	125.35	184.55
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140	110
Benzo(a)pyrene	1,500	120	120
Benzo(b)fluoranthene	15,000	190	170
Benzo(k)fluoranthene	150,000	76	95
Chrysene	1,500,000	150	150
Dibenz(a,h)anthracene	1,500	36	26
Indeno(1,2,3-c,d)pyrene	15,000	140	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1158
012200134033017000

	RML	CV1158A-CS Front Yard 4/23/2013	CV1158B-CS Back Yard 4/23/2013
Metals mg/kg *			
Arsenic	39	19.5	12.79
Barium	46,000	207.6	97.4
Cadmium	210	ND	ND
Chromium(III)	350,000	186.4	89.71
Lead	400	227.31	181.04
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240	290
Benzo(a)pyrene	1,500	210	260
Benzo(b)fluoranthene	15,000	310	460
Benzo(k)fluoranthene	150,000	140	140
Chrysene	1,500,000	270	330
Dibenz(a,h)anthracene	1,500	43 J	58
Indeno(1,2,3-c,d)pyrene	15,000	190	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1160
012200134037013000

CV1160A-CS Side Yard 4/9/2013	CV1160A-CSD Side Yard 4/9/2013
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	RML	CV1160A-CS Side Yard 4/9/2013	CV1160A-CSD Side Yard 4/9/2013
Metals mg/kg *			
Arsenic	39	14.84	NA
Barium	46,000	133.22	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	78.8	NA
Lead	400	180.19	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	160 J	1,700 J
Benzo(a)pyrene	1,500	160 J	1,600 J
Benzo(b)fluoranthene	15,000	270 J	2,900 J
Benzo(k)fluoranthene	150,000	100 J	890 J
Chrysene	1,500,000	180 J	1,800 J
Dibenz(a,h)anthracene	1,500	30 J	270 J
Indeno(1,2,3-c,d)pyrene	15,000	75 J	730 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 hydrocarbon
 - 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

CV1176
012200134038004000

	RML	CV1176A-CS Front Yard 4/18/2013	CV1176A-CSD Front Yard 4/18/2013	CV1176B-CS Back Yard 4/18/2013
Metals mg/kg *				
Arsenic	39	15.67	NA	24.51
Barium	46,000	178	NA	140.52
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	83.5	NA	128.39
Lead	400	107.81	NA	274.38
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	88	67	160
Benzo(a)pyrene	1,500	83	78	120
Benzo(b)fluoranthene	15,000	170	120	190
Benzo(k)fluoranthene	150,000	76	66	200
Chrysene	1,500,000	130	110	210
Dibenz(a,h)anthracene	1,500	25	24 J	54
Indeno(1,2,3-c,d)pyrene	15,000	110	78	130

Notes:

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

CV1178
012200134038004001

CV1178A-CS Vacant Lot 4/17/2013	CV1178B-CS Vacant Lot 4/17/2013
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	RML	CV1178A-CS Vacant Lot 4/17/2013	CV1178B-CS Vacant Lot 4/17/2013
Metals mg/kg *			
Arsenic	39	42.01	52.87
Barium	46,000	136.73	270
Cadmium	210	ND	3.7
Chromium(III)	350,000	98.96	105.31
Lead	400	384.83	420
Mercury (elemental)	30	ND	0.34
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	180	170
Benzo(a)pyrene	1,500	190 J	120 J
Benzo(b)fluoranthene	15,000	350	240
Benzo(k)fluoranthene	150,000	110	59
Chrysene	1,500,000	200	240
Dibenz(a,h)anthracene	1,500	37	30
Indeno(1,2,3-c,d)pyrene	15,000	88	45

Notes:

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

CV1193
012200134030010000

	RML	CV1193A-CS Front Yard 4/3/2013	CV1193B-CS Back Yard 4/3/2013	CV1193B-CSD Back Yard 4/3/2013
Metals mg/kg *				
Arsenic	39	28.82	37.8	NA
Barium	46,000	187.19	197.53	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	123.07	145.14	NA
Lead	400	189.79	315.44	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	ND	53 J	82 J
Benzo(a)pyrene	1,500	45	35	52
Benzo(b)fluoranthene	15,000	66	82	100
Benzo(k)fluoranthene	150,000	11 J	28	36
Chrysene	1,500,000	24	61	61
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	110	130

Notes:

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

CV1197
012200134024023000

CV1197A-CS Vacant Lot 4/18/2013	CV1197B-CS Vacant Lot 4/18/2013
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	RML	CV1197A-CS Vacant Lot 4/18/2013	CV1197B-CS Vacant Lot 4/18/2013
Metals mg/kg *			
Arsenic	39	34.03	48.39
Barium	46,000	262.73	421.79
Cadmium	210	ND	ND
Chromium(III)	350,000	95	136.31
Lead	400	196.75	256.74
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	420
Benzo(a)pyrene	1,500	320 J	410 J
Benzo(b)fluoranthene	15,000	620	790
Benzo(k)fluoranthene	150,000	200	250
Chrysene	1,500,000	420	580
Dibenz(a,h)anthracene	1,500	63 J	89 J
Indeno(1,2,3-c,d)pyrene	15,000	170	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 hydrocarbon
- 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

CV1202
012200134034008000

	RML	CV1202A-CS Front Yard 4/23/2013	CV1202B-CS Back Yard 4/23/2013	CV1202B-CSD Back Yard 4/23/2013
Metals mg/kg *				
Arsenic	39	26.4	16.84	NA
Barium	46,000	185.41	204.9	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	83.19	95.72	NA
Lead	400	219.72	392.64	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	410	260
Benzo(a)pyrene	1,500	130	390 J	250 J
Benzo(b)fluoranthene	15,000	220	610	430
Benzo(k)fluoranthene	150,000	80	230 J	140 J
Chrysene	1,500,000	190	540	370
Dibenz(a,h)anthracene	1,500	39 J	120	60 J
Indeno(1,2,3-c,d)pyrene	15,000	130	330	210

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

CV1216
012200134024032000

	RML	CV1216A-CS Front Yard 4/11/2013	CV1216B-CS Back Yard 4/11/2013
Metals mg/kg *			
Arsenic	39	15.72	ND
Barium	46,000	73.37	127.4
Cadmium	210	ND	ND
Chromium(III)	350,000	90.39	85.45
Lead	400	156.49	135.32
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	410	350
Benzo(a)pyrene	1,500	450 J	520 J
Benzo(b)fluoranthene	15,000	800	910
Benzo(k)fluoranthene	150,000	280	330
Chrysene	1,500,000	490	470
Dibenz(a,h)anthracene	1,500	81	110
Indeno(1,2,3-c,d)pyrene	15,000	190	290

Notes:

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

CV1217
012200134024033000

	CV1217A-CS Front Yard 4/16/2013	CV1217B-CS Back Yard 4/16/2013
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	RML		
Metals mg/kg *			
Arsenic	39	21.8	13.66
Barium	46,000	211.8	223.4
Cadmium	210	ND	ND
Chromium(III)	350,000	69.36	90.31
Lead	400	130.69	166.51
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	700	450
Benzo(a)pyrene	1,500	970 J	620 J
Benzo(b)fluoranthene	15,000	1,600	1,200
Benzo(k)fluoranthene	150,000	530	430
Chrysene	1,500,000	870	630
Dibenz(a,h)anthracene	1,500	220	180
Indeno(1,2,3-c,d)pyrene	15,000	620	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
- ND Not detected
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1219
012200134024034000

	RML	CV1219A-CS Front Yard 4/16/2013	CV1219A-CSD Front Yard 4/16/2013	CV1219B-CS Back Yard 4/16/2013
Metals mg/kg *				
Arsenic	39	12.18	NA	13.02
Barium	46,000	151.25	NA	171.31
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	45.81	NA	69.06
Lead	400	84.67	NA	134.4
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	550	570	140
Benzo(a)pyrene	1,500	1,200 J	1,200 J	200 J
Benzo(b)fluoranthene	15,000	1,700	1,700	350
Benzo(k)fluoranthene	150,000	570	620	110
Chrysene	1,500,000	700	730	210
Dibenz(a,h)anthracene	1,500	240	220	49
Indeno(1,2,3-c,d)pyrene	15,000	670	640	130

Notes:

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

CV1220
012200134024035000

	RML	CV1220A-CS Vacant Lot 4/25/2013	CV1220A-CSD Vacant Lot 4/25/2013	CV1220B-CS Vacant Lot 4/25/2013
Metals mg/kg *				
Arsenic	39	25.28	NA	14.59
Barium	46,000	482.4	NA	186.67
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	108.35	NA	98.29
Lead	400	190.7	NA	195.14
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	1,800 J	810 J	1,300
Benzo(a)pyrene	1,500	2,300 J	1,100 J	1,900
Benzo(b)fluoranthene	15,000	4,300 J	2,100 J	3,200
Benzo(k)fluoranthene	150,000	1,200 J	620 J	1,500
Chrysene	1,500,000	2,100 J	1,000 J	1,700
Dibenz(a,h)anthracene	1,500	950 J	470 J	640
Indeno(1,2,3-c,d)pyrene	15,000	1800 J	980 J	1,800

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 hydrocarbon
 - 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

CV1224
012200134033008000

	CV1224A-CS Vacant Lot 4/25/2013	CV1224B-CS Vacant Lot 4/25/2013
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	RML		
Metals mg/kg *			
Arsenic	39	9.25	15.47
Barium	46,000	71.83	177.3
Cadmium	210	ND	ND
Chromium(III)	350,000	49.68	95.23
Lead	400	84.04	107.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	39	38
Benzo(a)pyrene	1,500	38 J	44 J
Benzo(b)fluoranthene	15,000	60	64
Benzo(k)fluoranthene	150,000	30	32
Chrysene	1,500,000	67	70
Dibenz(a,h)anthracene	1,500	8.7 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	17 J	20 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1225
012200134024039000

CV1225A-CS-SP Back Yard 4/16/2013

RML

Metals mg/kg *		
Arsenic	39	14.02
Barium	46,000	186.68
Cadmium	210	ND
Chromium(III)	350,000	113.89
Lead	400	136.57
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	140
Benzo(a)pyrene	1,500	120 J
Benzo(b)fluoranthene	15,000	310
Benzo(k)fluoranthene	150,000	93
Chrysene	1,500,000	230
Dibenz(a,h)anthracene	1,500	51 J
Indeno(1,2,3-c,d)pyrene	15,000	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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1227
012200134024040000

	RML	CV1227A-CS Front Yard 4/25/2013	CV1227B-CS Side Yard 4/25/2013	CV1227C-CS Back Yard 4/25/2013
Metals mg/kg *				
Arsenic	39	20.06	11.87	35.57
Barium	46,000	175.64	191.65	470
Cadmium	210	ND	ND	2.9
Chromium(III)	350,000	92.16	93.7	118.61
Lead	400	132.56	47.35	380
Mercury (elemental)	30	ND	ND	0.36
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	0.26 J
PAHs µg/kg				
Benz(a)anthracene	15,000	110	57	720
Benzo(a)pyrene	1,500	92	48	510
Benzo(b)fluoranthene	15,000	150	70	780
Benzo(k)fluoranthene	150,000	57	24	330
Chrysene	1,500,000	160	89	800
Dibenz(a,h)anthracene	1,500	28	10 J	130
Indeno(1,2,3-c,d)pyrene	15,000	65	30	290

Notes:

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

CV1228
012200134033006000

	RML	CV1228A-CS Vacant Lot 4/25/2013	CV1228B-CS Vacant Lot 4/25/2013
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Metals mg/kg *			
Arsenic	39	22.22	59.66
Barium	46,000	286.51	350
Cadmium	210	ND	1.7
Chromium(III)	350,000	105.52	138.62
Lead	400	153.07	518.35
Mercury (elemental)	30	ND	1.4
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	160
Benzo(a)pyrene	1,500	60	140
Benzo(b)fluoranthene	15,000	100	210
Benzo(k)fluoranthene	150,000	45	79
Chrysene	1,500,000	110	250
Dibenz(a,h)anthracene	1,500	ND	36 J
Indeno(1,2,3-c,d)pyrene	15,000	48 J	85 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 hydrocarbon
- 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

CV1235
012200134024044000

	RML	CV1235A-CS Front Yard 4/23/2013	CV1235B-CS Back Yard 4/23/2013	CV1235C-CS Front Yard 4/23/2013
Metals mg/kg *				
Arsenic	39	15.25	36.61	15.08
Barium	46,000	111.61	369.47	168.44
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	98.35	130.77	78.46
Lead	400	99.16	380.02	133.66
Mercury (elemental)	30	ND	11.84	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	110	130 J	150
Benzo(a)pyrene	1,500	100	110 J	140
Benzo(b)fluoranthene	15,000	180	210 J	240
Benzo(k)fluoranthene	150,000	49	74 J	74
Chrysene	1,500,000	120	160 J	170
Dibenz(a,h)anthracene	1,500	20 J	30 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	82 J	80 J	100

Notes:

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

CV1235
012200134024044000

	RML	CV1235D-CS Back Yard 4/23/2013	CV1235D-CSD Back Yard 4/23/2013
Metals mg/kg *			
Arsenic	39	34.43	NA
Barium	46,000	139.07	NA
Cadmium	210	ND	NA
Chromium(III)	350,000	110.4	NA
Lead	400	216.54	NA
Mercury (elemental)	30	ND	NA
Selenium	1,200	ND	NA
Silver	1,200	ND	NA
PAHs µg/kg			
Benz(a)anthracene	15,000	200	320
Benzo(a)pyrene	1,500	210 J	460 J
Benzo(b)fluoranthene	15,000	470 J	910 J
Benzo(k)fluoranthene	150,000	100 J	250 J
Chrysene	1,500,000	320	390
Dibenz(a,h)anthracene	1,500	49 J	130
Indeno(1,2,3-c,d)pyrene	15,000	170 J	350 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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1236
012200134033002000

	CV1236A-CS Front Yard 4/2/2013	CV1236B-CS Back Yard 4/2/2013
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	RML		
Metals mg/kg *			
Arsenic	39	21.74	50.23
Barium	46,000	180.86	540
Cadmium	210	ND	5
Chromium(III)	350,000	97.83	155.33
Lead	400	102.73	650
Mercury (elemental)	30	ND	0.23
Selenium	1,200	ND	3.8 J
Silver	1,200	ND	0.85 J
PAHs µg/kg			
Benz(a)anthracene	15,000	44 J	240 J
Benzo(a)pyrene	1,500	34 J	220 J
Benzo(b)fluoranthene	15,000	73 J	450 J
Benzo(k)fluoranthene	150,000	21 J	130 J
Chrysene	1,500,000	30 J	260 J
Dibenz(a,h)anthracene	1,500	ND	110 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	180 J

Notes:

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

CV1251
012200134028008000

	CV1251A-CS Front Yard 4/3/2013	CV1251B-CS Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	30.86	52.85
Barium	46,000	238.59	870
Cadmium	210	ND	2.5
Chromium(III)	350,000	146.52	183.13
Lead	400	263.8	410
Mercury (elemental)	30	ND	0.5
Selenium	1,200	ND	ND
Silver	1,200	ND	0.25 J
PAHs µg/kg			
Benz(a)anthracene	15,000	ND	170
Benzo(a)pyrene	1,500	18	84
Benzo(b)fluoranthene	15,000	33	97
Benzo(k)fluoranthene	150,000	21	46 J
Chrysene	1,500,000	22	76
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
- 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 hydrocarbon
- 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

CV1254
012200134028009000

CV1254A-CS-SP	CV1254B-CS-SP
Front Yard	Back Yard
4/3/2013	4/3/2013

RML

Metals mg/kg *			
Arsenic	39	29.89	23.19
Barium	46,000	128.28	225.15
Cadmium	210	ND	ND
Chromium(III)	350,000	123.61	117.02
Lead	400	172.46	157.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	33	38
Benzo(a)pyrene	1,500	31 J	30
Benzo(b)fluoranthene	15,000	80	43
Benzo(k)fluoranthene	150,000	20	18
Chrysene	1,500,000	54	16
Dibenz(a,h)anthracene	1,500	13 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	33 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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1262
012200134030003000

	CV1262A-CS Front Yard 4/3/2013	CV1262B-CS Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	31.11	17.78
Barium	46,000	260.19	162.37
Cadmium	210	ND	ND
Chromium(III)	350,000	146.54	146.35
Lead	400	216.26	221.69
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	32	220
Benzo(a)pyrene	1,500	21	250
Benzo(b)fluoranthene	15,000	26	350
Benzo(k)fluoranthene	150,000	21	120
Chrysene	1,500,000	26	210
Dibenz(a,h)anthracene	1,500	ND	88
Indeno(1,2,3-c,d)pyrene	15,000	ND	190

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

CV1264
012200134030002000

	CV1264A-CS Front Yard 4/17/2013	CV1264B-CS Back Yard 4/17/2013	CV1264C-GS Playset 4/17/2013
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	RML			
Metals mg/kg *				
Arsenic	39	33.22	31.79	28.84
Barium	46,000	206.5	195.86	171.57
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	114.19	135.94	111.2
Lead	400	208.03	190.07	263.41
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	4,100	530
Benzo(a)pyrene	1,500	210 J	3,500	500 J
Benzo(b)fluoranthene	15,000	420	6,200	980
Benzo(k)fluoranthene	150,000	140	1,900 J	290
Chrysene	1,500,000	300	4,100	560
Dibenz(a,h)anthracene	1,500	42	570 J	83
Indeno(1,2,3-c,d)pyrene	15,000	91	1,400	200

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 hydrocarbon
- 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

CV1282
012200134024004000

	RML	CV1282A-CS-SP Front/Side Yard 4/16/2013	CV1282B-CS-SP Front/Side Yard 4/16/2013	CV1282C-CS-SP Side Yard 4/16/2013	CV1282D-CS-SP Back Yard 4/16/2013
Metals mg/kg *					
Arsenic	39	18.79	17.59	43.17	39
Barium	46,000	172.61	290.83	280	321.82
Cadmium	210	ND	ND	1.4	ND
Chromium(III)	350,000	88.76	105.32	120.27	100.85
Lead	400	100.97	87.7	500	142.62
Mercury (elemental)	30	ND	ND	0.33	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	0.14 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	180	450	350	760
Benzo(a)pyrene	1,500	160 J	390 J	320 J	710 J
Benzo(b)fluoranthene	15,000	280	720	650	1,300
Benzo(k)fluoranthene	150,000	89	200	200	420
Chrysene	1,500,000	230	530	540	920
Dibenz(a,h)anthracene	1,500	40 J	97 J	89 J	160
Indeno(1,2,3-c,d)pyrene	15,000	95 J	240	220	410

Notes:

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

CV1290
012200134029003000

CV1290A-CS
Back Yard
4/11/2013

RML

Metals mg/kg *		
Arsenic	39	14.41
Barium	46,000	ND
Cadmium	210	ND
Chromium(III)	350,000	54.25
Lead	400	127.55
Mercury (elemental)	30	6.83
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	3,300
Benzo(a)pyrene	1,500	4,700 J
Benzo(b)fluoranthene	15,000	7,800
Benzo(k)fluoranthene	150,000	2,500
Chrysene	1,500,000	4,300
Dibenz(a,h)anthracene	1,500	1,100
Indeno(1,2,3-c,d)pyrene	15,000	2,400

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 hydrocarbon
- 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

CV1311
012200134025013000

CV1311A-CS-SP Front Yard 4/3/2013	CV1311B-CS-SP Back Yard 4/3/2013
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	RML		
Metals mg/kg *			
Arsenic	39	21.73	46
Barium	46,000	197.18	430
Cadmium	210	ND	3.2
Chromium(III)	350,000	117.16	135.04
Lead	400	188.64	430
Mercury (elemental)	30	ND	0.63
Selenium	1,200	ND	ND
Silver	1,200	ND	2.6 J
PAHs µg/kg			
Benz(a)anthracene	15,000	220	45
Benzo(a)pyrene	1,500	240	37
Benzo(b)fluoranthene	15,000	350	65
Benzo(k)fluoranthene	150,000	200	27
Chrysene	1,500,000	450	51
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	440	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 hydrocarbon
- 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

CV1312
012200134026004000

	RML	CV1312A-CS-SP Side Yard 4/25/2013	CV1312B-CS-SP Back Yard 4/25/2013
Metals mg/kg *			
Arsenic	39	24.22	15.14
Barium	46,000	190.76	154.4
Cadmium	210	ND	ND
Chromium(III)	350,000	123.05	69.65
Lead	400	193.77	153.58
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	300	130
Benzo(a)pyrene	1,500	270	100
Benzo(b)fluoranthene	15,000	420	170
Benzo(k)fluoranthene	150,000	190	68
Chrysene	1,500,000	400	150
Dibenz(a,h)anthracene	1,500	77	21 J
Indeno(1,2,3-c,d)pyrene	15,000	200	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1321
012200134032007000

	RML	CV1321A-CS Side Yard 4/18/2013	CV1321B-CS Back Yard 4/18/2013	CV1321B-CSD Back Yard 4/18/2013
Metals mg/kg *				
Arsenic	39	39.95	19.31	NA
Barium	46,000	510	ND	NA
Cadmium	210	2.9	ND	NA
Chromium(III)	350,000	124.92	50.64	NA
Lead	400	580	198.84	NA
Mercury (elemental)	30	0.38	ND	NA
Selenium	1,200	ND	ND	NA
Silver	1,200	0.67 J	ND	NA
PAHs µg/kg				
Benz(a)anthracene	15,000	310	200	200
Benzo(a)pyrene	1,500	240 J	180 J	160 J
Benzo(b)fluoranthene	15,000	450	390	370
Benzo(k)fluoranthene	150,000	130	120	100
Chrysene	1,500,000	400	260	270
Dibenz(a,h)anthracene	1,500	64 J	33	31 J
Indeno(1,2,3-c,d)pyrene	15,000	150	85	80 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 hydrocarbon
 - 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

CV1324
012200134025007000

CV1324A-CS Vacant Lot 4/23/2013

RML

Metals mg/kg *		
Arsenic	39	24.81
Barium	46,000	235.24
Cadmium	210	ND
Chromium(III)	350,000	98.93
Lead	400	322.33
Mercury (elemental)	30	7.47
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	170
Benzo(a)pyrene	1,500	140
Benzo(b)fluoranthene	15,000	260
Benzo(k)fluoranthene	150,000	91
Chrysene	1,500,000	170
Dibenz(a,h)anthracene	1,500	37 J
Indeno(1,2,3-c,d)pyrene	15,000	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 hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1329
012200134025003000

CV1329A-CS
Back Yard
4/22/2013

RML

Metals mg/kg *		
Arsenic	39	24
Barium	46,000	280
Cadmium	210	1.5
Chromium(III)	350,000	120
Lead	400	615.59
Mercury (elemental)	30	0.21
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	160
Benzo(a)pyrene	1,500	140 J
Benzo(b)fluoranthene	15,000	230
Benzo(k)fluoranthene	150,000	87
Chrysene	1,500,000	170
Dibenz(a,h)anthracene	1,500	44
Indeno(1,2,3-c,d)pyrene	15,000	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV1332
012200134026010000

	CV1332A-CS Front Yard 4/18/2013	CV1332B-CS Back Yard 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	15.15	10.3
Barium	46,000	141.65	172.49
Cadmium	210	ND	ND
Chromium(III)	350,000	85.78	80.9
Lead	400	89.94	105.97
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	73	130
Benzo(a)pyrene	1,500	79	130
Benzo(b)fluoranthene	15,000	110	210
Benzo(k)fluoranthene	150,000	49	87
Chrysene	1,500,000	89	150
Dibenz(a,h)anthracene	1,500	ND	40
Indeno(1,2,3-c,d)pyrene	15,000	68	120

Notes:

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

CV1334
012200134026011000

	CV1334A-CS Front Yard 4/18/2013	CV1334B-CS Back Yard 4/18/2013
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	RML		
Metals mg/kg *			
Arsenic	39	16.19	10.78
Barium	46,000	186.07	177.78
Cadmium	210	ND	ND
Chromium(III)	350,000	141.3	83.65
Lead	400	91.93	154.49
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	170	460
Benzo(a)pyrene	1,500	200	440
Benzo(b)fluoranthene	15,000	310	600
Benzo(k)fluoranthene	150,000	120	360
Chrysene	1,500,000	180	560
Dibenz(a,h)anthracene	1,500	39	89
Indeno(1,2,3-c,d)pyrene	15,000	170	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1335
012200134026012000

	RML	CV1335A-CS Front Yard 4/11/2013	CV1335B-CS Back Yard 4/11/2013
Metals mg/kg *			
Arsenic	39	14.34	16.35
Barium	46,000	112.73	131
Cadmium	210	ND	ND
Chromium(III)	350,000	98.84	84.38
Lead	400	103.17	123.03
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	920	1,200
Benzo(a)pyrene	1,500	1,400 J	1,900 J
Benzo(b)fluoranthene	15,000	2,900	4,100
Benzo(k)fluoranthene	150,000	900	1,200
Chrysene	1,500,000	1,100	1,600
Dibenz(a,h)anthracene	1,500	370	530
Indeno(1,2,3-c,d)pyrene	15,000	810	1,200

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV1336
012200134027005000

	RML	CV1336A-CS Front Yard 4/24/2013	CV1336A-CSD Front Yard 4/24/2013	CV1336B-CS Back Yard 4/24/2013
Metals mg/kg *				
Arsenic	39	14.75	NA	18.15
Barium	46,000	ND	NA	156.12
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	80.67	NA	110.35
Lead	400	114.1	NA	177.94
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	82	97	190
Benzo(a)pyrene	1,500	83	110	190
Benzo(b)fluoranthene	15,000	140	190	290
Benzo(k)fluoranthene	150,000	47	49	140
Chrysene	1,500,000	110	140	240
Dibenz(a,h)anthracene	1,500	17 J	17 J	48
Indeno(1,2,3-c,d)pyrene	15,000	58	75	130

Notes:

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

CV1337
012200134026013000

CV1337A-CS-SP Front Yard 4/9/2013	CV1337B-CS-SP Back Yard 4/9/2013
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RML

Metals mg/kg *			
Arsenic	39	19.92	17.17
Barium	46,000	106.33	162.54
Cadmium	210	ND	ND
Chromium(III)	350,000	94.9	116.62
Lead	400	109.6	117.64
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	620 J	670 J
Benzo(a)pyrene	1,500	610 J	600 J
Benzo(b)fluoranthene	15,000	1,000 J	1,100 J
Benzo(k)fluoranthene	150,000	370 J	430 J
Chrysene	1,500,000	630 J	690 J
Dibenz(a,h)anthracene	1,500	180 J	200 J
Indeno(1,2,3-c,d)pyrene	15,000	510 J	470 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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1338
012200134027006000

CV1338A-CS-SP	CV1338B-CS-SP
Front Yard	Back Yard
4/9/2013	4/9/2013

RML

Metals mg/kg *			
Arsenic	39	19.5	25.86
Barium	46,000	110.12	179.37
Cadmium	210	ND	ND
Chromium(III)	350,000	86.61	109.68
Lead	400	156.51	252.41
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140 J	98 J
Benzo(a)pyrene	1,500	140 J	68 J
Benzo(b)fluoranthene	15,000	250 J	80 J
Benzo(k)fluoranthene	150,000	80 J	66 J
Chrysene	1,500,000	150 J	69 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	170 J	100 J

Notes:

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

CV1342
012200134027003000

CV1342A-CS-SP	CV1342B-CS-SP
Front Yard	Back Yard
4/24/2013	4/24/2013

	RML		
Metals mg/kg *			
Arsenic	39	17.29	27.27
Barium	46,000	431.02	330
Cadmium	210	ND	1.7
Chromium(III)	350,000	112.41	124.75
Lead	400	146.04	263.93
Mercury (elemental)	30	ND	0.91
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,600	860
Benzo(a)pyrene	1,500	1,500	760
Benzo(b)fluoranthene	15,000	2,200	1,200
Benzo(k)fluoranthene	150,000	660	470
Chrysene	1,500,000	1,400	1,000
Dibenz(a,h)anthracene	1,500	380	160
Indeno(1,2,3-c,d)pyrene	15,000	1,000	510

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 hydrocarbon
- 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

CV1344
012200134027002000

	RML	CV1344A-CS Front Yard 4/16/2013	CV1344A-CSD Front Yard 4/16/2013	CV1344B-CS Back Yard 4/16/2013	CV1344C-CS Veg Garden 4/16/2013
Metals mg/kg *					
Arsenic	39	17.62	NA	59.97	28.9
Barium	46,000	127.03	NA	185.74	135.12
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	100.64	NA	149.66	173.56
Lead	400	108.51	NA	640.11	196.81
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	380	260	390	380
Benzo(a)pyrene	1,500	230 J	260 J	370 J	340 J
Benzo(b)fluoranthene	15,000	400	480	660	620
Benzo(k)fluoranthene	150,000	150	130	220	190
Chrysene	1,500,000	420	380	510	470
Dibenz(a,h)anthracene	1,500	44 J	58 J	74 J	65 J
Indeno(1,2,3-c,d)pyrene	15,000	110	140	200	150

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

CV1350
012200134027009000

	RML	CV1350A-CS Front Yard 4/11/2013	CV1350B-CS Back Yard 4/11/2013
Metals mg/kg *			
Arsenic	39	26.96	11.9
Barium	46,000	271.98	194.74
Cadmium	210	ND	ND
Chromium(III)	350,000	119.39	180.33
Lead	400	215.9	100.2
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	91
Benzo(a)pyrene	1,500	210 J	100 J
Benzo(b)fluoranthene	15,000	340	280
Benzo(k)fluoranthene	150,000	100	72
Chrysene	1,500,000	340	120
Dibenz(a,h)anthracene	1,500	54 J	22
Indeno(1,2,3-c,d)pyrene	15,000	150	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

CV1357
012200134027014000

	CV1357A-CS Front Yard 4/10/2013	CV1357B-CS Back Yard 4/10/2013
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	RML	CV1357A-CS Front Yard 4/10/2013	CV1357B-CS Back Yard 4/10/2013
Metals mg/kg *			
Arsenic	39	31.6	39.62
Barium	46,000	259.93	260.18
Cadmium	210	ND	ND
Chromium(III)	350,000	177.47	161.86
Lead	400	326.24	406.41
Mercury (elemental)	30	ND	9.62
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240	250
Benzo(a)pyrene	1,500	230	240
Benzo(b)fluoranthene	15,000	380	240
Benzo(k)fluoranthene	150,000	120	220
Chrysene	1,500,000	270	330
Dibenz(a,h)anthracene	1,500	78	ND
Indeno(1,2,3-c,d)pyrene	15,000	180	320

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 hydrocarbon
- 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

CV1371
012200134030001000

CV1371A-CS Vacant Lot 4/17/2013	CV1371B-CS Vacant Lot 4/17/2013
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	RML	CV1371A-CS Vacant Lot 4/17/2013	CV1371B-CS Vacant Lot 4/17/2013
Metals mg/kg *			
Arsenic	39	ND	21.76
Barium	46,000	146.14	209.62
Cadmium	210	ND	ND
Chromium(III)	350,000	91.76	80.46
Lead	400	110.29	147.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	130	540
Benzo(a)pyrene	1,500	130 J	470 J
Benzo(b)fluoranthene	15,000	230	810
Benzo(k)fluoranthene	150,000	81	330
Chrysene	1,500,000	160	510
Dibenz(a,h)anthracene	1,500	23 J	70
Indeno(1,2,3-c,d)pyrene	15,000	56	170

Notes:

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

FM0013
012200132003013000

FM0013A-CS Vacant Lot 4/16/2013	FM0013B-CS Vacant Lot 4/16/2013
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	RML		
Metals mg/kg *			
Arsenic	39	ND	ND
Barium	46,000	88.04	126.34
Cadmium	210	ND	ND
Chromium(III)	350,000	97.6	67.62
Lead	400	55.21	52.08
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	71
Benzo(a)pyrene	1,500	180	32
Benzo(b)fluoranthene	15,000	260	92
Benzo(k)fluoranthene	150,000	120	25
Chrysene	1,500,000	220	43
Dibenz(a,h)anthracene	1,500	76	ND
Indeno(1,2,3-c,d)pyrene	15,000	140	110

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

FM0015
012200132003014000

	RML	FM0015A-CS Vacant Lot 4/16/2013	FM0015B-CS Vacant Lot 4/16/2013	FM0015C-GS Vacant Lot 4/16/2013
Metals mg/kg *				
Arsenic	39	34.19	12.67	18.26
Barium	46,000	189.05	184.57	183.98
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	118.1	64.51	106.68
Lead	400	100.02	74.24	80.87
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	290	86	130
Benzo(a)pyrene	1,500	240	84	140
Benzo(b)fluoranthene	15,000	330	160	150
Benzo(k)fluoranthene	150,000	180	92	29 J
Chrysene	1,500,000	290	110	150
Dibenz(a,h)anthracene	1,500	100	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	200	110	ND

Notes:

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

FM0023
012200123016011000

FM0023A-CS-SP Front Yard 4/25/2013	FM0023B-CS-SP Side Yard 4/25/2013	FM0023C-CS-SP Back Yard 4/25/2013
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RML

Metals mg/kg *				
Arsenic	39	40.66	25.19	10.83
Barium	46,000	167.65	249.82	153.92
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	58.91	62.15	73.09
Lead	400	41.81	158.73	160.33
Mercury (elemental)	30	ND	6.89	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	76	64	20
Benzo(a)pyrene	1,500	73 J	57 J	18 J
Benzo(b)fluoranthene	15,000	150	100	29
Benzo(k)fluoranthene	150,000	57	35	14
Chrysene	1,500,000	370	100	35
Dibenz(a,h)anthracene	1,500	29	14 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	28	25 J	12 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

FM0060
012200132004014000

FM0060A-CS-SP Vacant Lot 4/15/2013
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RML

Metals mg/kg *		
Arsenic	39	9.84
Barium	46,000	94.96
Cadmium	210	ND
Chromium(III)	350,000	164.91
Lead	400	155.88
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	ND
Benzo(a)pyrene	1,500	140
Benzo(b)fluoranthene	15,000	230
Benzo(k)fluoranthene	150,000	120
Chrysene	1,500,000	150
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	390

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

FM0062
012200123016005000

FM0062A-CS Vacant Lot 4/9/2013

RML

Metals mg/kg *		
Arsenic	39	25.95
Barium	46,000	211.2
Cadmium	210	ND
Chromium(III)	350,000	88.5
Lead	400	43.26
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	1,500 J
Benzo(a)pyrene	1,500	1,600 J
Benzo(b)fluoranthene	15,000	2,900 J
Benzo(k)fluoranthene	150,000	1,000 J
Chrysene	1,500,000	1,600 J
Dibenz(a,h)anthracene	1,500	300 J
Indeno(1,2,3-c,d)pyrene	15,000	760 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

FM0106
012200124004006000

	RML	FM0106A-CS-SP Front Yard 4/15/2013	FM0106B-CS-SP Side Yard 4/15/2013	FM0106C-CS-SP Back Yard 4/15/2013
Metals mg/kg *				
Arsenic	39	10.19	15.57	22.83
Barium	46,000	199.04	163.34	199.54
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	53.39	89.09	118.45
Lead	400	63.01	115.2	88.87
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	68	140	44
Benzo(a)pyrene	1,500	76	130	38
Benzo(b)fluoranthene	15,000	160	280	67
Benzo(k)fluoranthene	150,000	58	73	24
Chrysene	1,500,000	86	100	69
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	110	150	86

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

FM0114
012200123016007000

FM0114A-CS-SP	FM0114B-CS-SP
Vacant Lot 4/8/2013	Vacant Lot 4/8/2013

	RML		
Metals mg/kg *			
Arsenic	39	11.51	10.79
Barium	46,000	170.02	135.57
Cadmium	210	ND	ND
Chromium(III)	350,000	76.22	75.78
Lead	400	86.87	93.52
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	54 J	64 J
Benzo(a)pyrene	1,500	41 J	67 J
Benzo(b)fluoranthene	15,000	86 J	130 J
Benzo(k)fluoranthene	150,000	24 J	46 J
Chrysene	1,500,000	68 J	87 J
Dibenz(a,h)anthracene	1,500	9.6 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	24 J	35 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0117
012200123016008000

	RML	FM0117A-CS-SP Front Yard 4/8/2013	FM0117B-CS-SP Back Yard 4/8/2013	FM0117C-CS-SP Side Yard 4/8/2013	FM0117D-GS-SP Drainage Ditch 4/8/2013
Metals mg/kg *					
Arsenic	39	8.16	ND	10.36	9.71
Barium	46,000	204.85	74.96	196.62	61.26
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	79.03	70.77	83.88	81.78
Lead	400	83.07	79.91	86.25	121.45
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	93 J	32 J	38 J	58 J
Benzo(a)pyrene	1,500	98 J	42 J	38 J	52 J
Benzo(b)fluoranthene	15,000	210 J	90 J	69 J	110 J
Benzo(k)fluoranthene	150,000	54 J	31 J	23 J	34 J
Chrysene	1,500,000	130 J	60 J	47 J	79 J
Dibenz(a,h)anthracene	1,500	21 J	8.9 J	6.6 J	12 J
Indeno(1,2,3-c,d)pyrene	15,000	57 J	22 J	19 J	29 J

Notes:

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

FM0128
012200123011012000

FM0128A-CS-SP	FM0128B-CS-SP
Front Yard	Side Yard
4/1/2013	4/1/2013

	RML		
Metals mg/kg *			
Arsenic	39	ND	5.2
Barium	46,000	131.66	97.71
Cadmium	210	ND	ND
Chromium(III)	350,000	46.01	36.03
Lead	400	95.86	44.14
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	49	35
Benzo(a)pyrene	1,500	54	36
Benzo(b)fluoranthene	15,000	86	62
Benzo(k)fluoranthene	150,000	26	20
Chrysene	1,500,000	62	53
Dibenz(a,h)anthracene	1,500	13 J	9.5 J
Indeno(1,2,3-c,d)pyrene	15,000	81	66

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

FM0147
012200123008040000

	FM0147A-CS Front Yard 4/9/2013	FM0147B-CS Back Yard 4/9/2013
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	RML		
Metals mg/kg *			
Arsenic	39	8.29	ND
Barium	46,000	101.98	198.75
Cadmium	210	ND	ND
Chromium(III)	350,000	21.31	48.39
Lead	400	79.85	146.06
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260 J	240 J
Benzo(a)pyrene	1,500	250 J	210 J
Benzo(b)fluoranthene	15,000	420 J	370 J
Benzo(k)fluoranthene	150,000	150 J	170 J
Chrysene	1,500,000	260 J	320 J
Dibenz(a,h)anthracene	1,500	98 J	110 J
Indeno(1,2,3-c,d)pyrene	15,000	210 J	150 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0207
012200124002013000

	RML	FM0207A-CS Front/Side Yard 4/1/2013	FM0207A-CSD Front/Side Yard 4/1/2013	FM0207B-CS Back/Side Yard 4/1/2013
Metals mg/kg *				
Arsenic	39	16.32	NA	ND
Barium	46,000	190.9	NA	192.56
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	69.2	NA	75.65
Lead	400	70.84	NA	58.78
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 J	ND	72
Benzo(a)pyrene	1,500	19	ND	69
Benzo(b)fluoranthene	15,000	32	11 J	120
Benzo(k)fluoranthene	150,000	12	ND	34
Chrysene	1,500,000	25	ND	110
Dibenz(a,h)anthracene	1,500	ND	ND	24
Indeno(1,2,3-c,d)pyrene	15,000	54	ND	86

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

FM0207
012200124002013000

	RML	FM0207C-CS Side Yard 4/1/2013	FM0207D-CS Side Yard 4/1/2013
Metals mg/kg *			
Arsenic	39	14.07	7.29
Barium	46,000	89.39	202.67
Cadmium	210	ND	ND
Chromium(III)	350,000	88.86	156.88
Lead	400	42.23	36.56
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	70	69
Benzo(a)pyrene	1,500	71	70
Benzo(b)fluoranthene	15,000	120	110
Benzo(k)fluoranthene	150,000	32	37
Chrysene	1,500,000	91	86
Dibenz(a,h)anthracene	1,500	21 J	21 J
Indeno(1,2,3-c,d)pyrene	15,000	88	87

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

FM0245
012200123004064000

	RML	FM0245A-CS-SP Side Yard 4/25/2013	FM0245B-CS-SP Front Yard 4/25/2013	FM0245C-CS-SP Back Yard 4/25/2013
Metals mg/kg *				
Arsenic	39	15.75	8.94	ND
Barium	46,000	207.79	283.15	167.8
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	51.84	51.02	48.28
Lead	400	135.46	49.27	91.7
Mercury (elemental)	30	6.9	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	55	220	81
Benzo(a)pyrene	1,500	56 J	240 J	73 J
Benzo(b)fluoranthene	15,000	90	340	100
Benzo(k)fluoranthene	150,000	51	200	57
Chrysene	1,500,000	99	310	98
Dibenz(a,h)anthracene	1,500	12 J	48	14 J
Indeno(1,2,3-c,d)pyrene	15,000	15 J	100	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0249
012200123008016000

FM0249A-CS Vacant Lot 4/9/2013

RML

Metals mg/kg *		
Arsenic	39	14.97
Barium	46,000	118.93
Cadmium	210	ND
Chromium(III)	350,000	127.2
Lead	400	257.49
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	1,300 J
Benzo(a)pyrene	1,500	1,300 J
Benzo(b)fluoranthene	15,000	2,500 J
Benzo(k)fluoranthene	150,000	1,300 J
Chrysene	1,500,000	1,500 J
Dibenz(a,h)anthracene	1,500	390 J
Indeno(1,2,3-c,d)pyrene	15,000	940 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0252
012200123008014000

	RML	FM0252A-CS Vacant Lot 4/9/2013	FM0252B-CS Vacant Lot 4/9/2013	FM0252B-CSD Vacant Lot 4/9/2013
Metals mg/kg *				
Arsenic	39	18.45	20.84	NA
Barium	46,000	182.14	104.81	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	88.57	107.73	NA
Lead	400	194.68	256.63	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	270 J	580 J	1,100 J
Benzo(a)pyrene	1,500	320 J	480 J	960 J
Benzo(b)fluoranthene	15,000	520 J	850 J	1,800 J
Benzo(k)fluoranthene	150,000	280 J	350 J	640 J
Chrysene	1,500,000	350 J	570 J	1,300 J
Dibenz(a,h)anthracene	1,500	140 J	150 J	300 J
Indeno(1,2,3-c,d)pyrene	15,000	250 J	360 J	690 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
- NA Not analyzed
- ND Not detected
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0296
012200124002019000

	RML	FM0296A-CS-SP Vacant Lot 4/17/2013	FM0296B-CS-SP Vacant Lot 4/17/2013	FM0296C-CS-SP Vacant Lot 4/17/2013
Metals mg/kg *				
Arsenic	39	10.31	9.1	9.72
Barium	46,000	150.24	142.24	217.09
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	67.41	90.4	95.43
Lead	400	45.66	132.8	38.62
Mercury (elemental)	30	ND	ND	9.07
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	290	89	110
Benzo(a)pyrene	1,500	190	110	97 J
Benzo(b)fluoranthene	15,000	270	130	180
Benzo(k)fluoranthene	150,000	130	66	50
Chrysene	1,500,000	280	97	190
Dibenz(a,h)anthracene	1,500	35	21 J	25 J
Indeno(1,2,3-c,d)pyrene	15,000	170	80	51

Notes:

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

FM0296
012200124002019000

		FM0296D-CS-SP Vacant Lot 4/17/2013	FM0296E-CS-SP Vacant Lot 4/17/2013
	RML		
Metals mg/kg *			
Arsenic	39	ND	ND
Barium	46,000	146.34	82.98
Cadmium	210	ND	ND
Chromium(III)	350,000	76.08	71.37
Lead	400	39.76	45.86
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	82	110
Benzo(a)pyrene	1,500	66 J	69 J
Benzo(b)fluoranthene	15,000	130	130
Benzo(k)fluoranthene	150,000	38	41
Chrysene	1,500,000	130	120
Dibenz(a,h)anthracene	1,500	17 J	18 J
Indeno(1,2,3-c,d)pyrene	15,000	37	37

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

FM0321
012200123012009001

	FM0321A-CS Front Yard 4/1/2013	FM0321B-CS Back Yard 4/1/2013
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	RML		
Metals mg/kg *			
Arsenic	39	8.47	5.1
Barium	46,000	175.73	190.95
Cadmium	210	ND	ND
Chromium(III)	350,000	71.6	52.01
Lead	400	56.26	22.11
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	92	27
Benzo(a)pyrene	1,500	88	28
Benzo(b)fluoranthene	15,000	150	60
Benzo(k)fluoranthene	150,000	51	21
Chrysene	1,500,000	110	42
Dibenz(a,h)anthracene	1,500	25	8.1 J
Indeno(1,2,3-c,d)pyrene	15,000	100	56

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

FM0323
012200123014005000

	RML	FM0323A-CS Vacant Lot 4/22/2013	FM0323A-CSD Vacant Lot 4/22/2013	FM0323B-CS Vacant Lot 4/22/2013
Metals mg/kg *				
Arsenic	39	21.07	NA	22.84
Barium	46,000	201.32	NA	172.21
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	123.94	NA	78.43
Lead	400	147.08	NA	132.44
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	71	74	86
Benzo(a)pyrene	1,500	58 J	61 J	79 J
Benzo(b)fluoranthene	15,000	120	130	180
Benzo(k)fluoranthene	150,000	31 J	37	37 J
Chrysene	1,500,000	140	130	140
Dibenz(a,h)anthracene	1,500	24 J	16 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	28	51 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
- NA Not analyzed
- ND Not detected
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0326
012200123014008000

	FM0326A-CS Front Yard 4/1/2013	FM0326B-CS Back Yard 4/1/2013
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	RML		
Metals mg/kg *			
Arsenic	39	12.72	8.84
Barium	46,000	231.91	158.04
Cadmium	210	ND	ND
Chromium(III)	350,000	71.57	49.42
Lead	400	70.16	98.34
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	34	110
Benzo(a)pyrene	1,500	40	100
Benzo(b)fluoranthene	15,000	65	180
Benzo(k)fluoranthene	150,000	22	52
Chrysene	1,500,000	49	120
Dibenz(a,h)anthracene	1,500	11 J	27 J
Indeno(1,2,3-c,d)pyrene	15,000	64	220

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

FM0337
012200141001009000

	RML	FM0337A-CS Vacant Lot 4/16/2013	FM0337B-CS Vacant Lot 4/16/2013	FM0337B-CSD Vacant Lot 4/16/2013
Metals mg/kg *				
Arsenic	39	8.47	12.01	NA
Barium	46,000	130.99	139.75	NA
Cadmium	210	ND	ND	NA
Chromium(III)	350,000	42.1	46.02	NA
Lead	400	65.51	69.65	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	85	44	61
Benzo(a)pyrene	1,500	94	60	44
Benzo(b)fluoranthene	15,000	120	79	90
Benzo(k)fluoranthene	150,000	110	41	33
Chrysene	1,500,000	110	54	48
Dibenz(a,h)anthracene	1,500	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	110	91 J	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
RML	EPA Regional Removal Management Levels, dated December 2012
PAH	Polycyclic aromatic hydrocarbon
XRF	X-ray fluorescence
*	Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0342
012200141001009005

	FM0342A-CS Front Yard 4/16/2013	FM0342B-CS Back Yard 4/16/2013
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	RML		
Metals mg/kg *			
Arsenic	39	7.28	16.24
Barium	46,000	196.4	130.91
Cadmium	210	ND	ND
Chromium(III)	350,000	46.51	95.1
Lead	400	56.06	302.85
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	40	430
Benzo(a)pyrene	1,500	56	380 J
Benzo(b)fluoranthene	15,000	88	620
Benzo(k)fluoranthene	150,000	22	200
Chrysene	1,500,000	52	760
Dibenz(a,h)anthracene	1,500	ND	77
Indeno(1,2,3-c,d)pyrene	15,000	100	220

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

FM0351
012200141009014000

	RML	FM0351A-CS Front Yard 4/9/2013	FM0351B-CS Side Yard 4/9/2013	FM0351C-CS Back Yard 4/9/2013
Metals mg/kg *				
Arsenic	39	16.62	20.94	7.38
Barium	46,000	176.74	128.32	104.09
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	99.2	55.2	70.11
Lead	400	205.95	128.13	86.22
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	190 J	19,000 J	200 J
Benzo(a)pyrene	1,500	180 J	18,000 J	220 J
Benzo(b)fluoranthene	15,000	290 J	27,000 J	460 J
Benzo(k)fluoranthene	150,000	120 J	11,000 J	120 J
Chrysene	1,500,000	210 J	17,000 J	330 J
Dibenz(a,h)anthracene	1,500	94 J	4,400 J	85 J
Indeno(1,2,3-c,d)pyrene	15,000	170 J	10,000 J	210 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
RML	EPA Regional Removal Management Levels, dated December 2012
PAH	Polycyclic aromatic hydrocarbon
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

HP0040
012200131001001000

	RML	HP0040A-CS Front Yard 4/11/2013	HP0040A-CSD Front Yard 4/11/2013	HP0040B-CS Back Yard 4/11/2013
Metals mg/kg *				
Arsenic	39	9.33	NA	16.18
Barium	46,000	79.98	NA	132.81
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	93.54	NA	491.31
Lead	400	92.01	NA	131.2
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	150	160	96
Benzo(a)pyrene	1,500	150	150	90
Benzo(b)fluoranthene	15,000	210	210	160
Benzo(k)fluoranthene	150,000	100	120	75
Chrysene	1,500,000	210	200	110
Dibenz(a,h)anthracene	1,500	90	85	81
Indeno(1,2,3-c,d)pyrene	15,000	160	160	100

Notes:

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

HP0063
012300073014018000

HP0063A-CS-SP	HP0063B-CS-SP
Vacant Lot 4/18/2013	Vacant Lot 4/18/2013

	RML		
Metals mg/kg *			
Arsenic	39	64.12	17.03
Barium	46,000	225.91	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	116.44	60.94
Lead	400	428.64	71.2
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	80	18
Benzo(a)pyrene	1,500	80	61
Benzo(b)fluoranthene	15,000	130	62
Benzo(k)fluoranthene	150,000	46	21
Chrysene	1,500,000	80	83
Dibenz(a,h)anthracene	1,500	26	9.1 J
Indeno(1,2,3-c,d)pyrene	15,000	96	90

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

HP0064
012300073014019000

HP0064A-CS-SP	HP0064B-CS-SP
Vacant Lot	Vacant Lot
4/18/2013	4/18/2013

	RML		
Metals mg/kg *			
Arsenic	39	25.47	16.2
Barium	46,000	133.87	155
Cadmium	210	ND	ND
Chromium(III)	350,000	100.97	85.48
Lead	400	121.77	115.77
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	75	120
Benzo(a)pyrene	1,500	83	130
Benzo(b)fluoranthene	15,000	100	200
Benzo(k)fluoranthene	150,000	49	81
Chrysene	1,500,000	110	120
Dibenz(a,h)anthracene	1,500	41	29
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
- 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 hydrocarbon
- SP EPA Regional Removal Management Levels, dated December 2012
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0083
012300073012008000

HP0083A-CS-SP Front Yard 4/11/2013	HP0083B-CS-SP Back Yard 4/11/2013
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	RML		
Metals mg/kg *			
Arsenic	39	18.45	ND
Barium	46,000	154.68	139.78
Cadmium	210	ND	ND
Chromium(III)	350,000	96.3	137.1
Lead	400	94.63	775.09
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	210	56
Benzo(a)pyrene	1,500	180	40
Benzo(b)fluoranthene	15,000	390	100
Benzo(k)fluoranthene	150,000	180	22
Chrysene	1,500,000	300	73
Dibenz(a,h)anthracene	1,500	91	ND
Indeno(1,2,3-c,d)pyrene	15,000	230	97

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP EPA Regional Removal 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

HP0140
012300073009036000

HP0140A-CS-SP	HP0140B-CS-SP
Vacant Lot 4/9/2013	Vacant Lot 4/9/2013

	RML	HP0140A-CS-SP	HP0140B-CS-SP
Metals mg/kg *			
Arsenic	39	24.33	17.63
Barium	46,000	106.45	98.02
Cadmium	210	ND	ND
Chromium(III)	350,000	127.04	94.49
Lead	400	109.8	122.63
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	57 J	80 J
Benzo(a)pyrene	1,500	67 J	110 J
Benzo(b)fluoranthene	15,000	110 J	190 J
Benzo(k)fluoranthene	150,000	76 J	67 J
Chrysene	1,500,000	140 J	140 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	110 J	140 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0142
012300073009035000

HP0142A-CS-SP Vacant Lot 4/9/2013	HP0142B-CS-SP Vacant Lot 4/9/2013
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	RML		
Metals mg/kg *			
Arsenic	39	11.41	24.02
Barium	46,000	153.92	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	98.72	109.19
Lead	400	75.83	147.38
Mercury (elemental)	30	53.19	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	160 J	620 J
Benzo(a)pyrene	1,500	210 J	700 J
Benzo(b)fluoranthene	15,000	380 J	1300 J
Benzo(k)fluoranthene	150,000	210 J	430 J
Chrysene	1,500,000	210 J	770 J
Dibenz(a,h)anthracene	1,500	110 J	200 J
Indeno(1,2,3-c,d)pyrene	15,000	200 J	510 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

HP0157
012300073007014000

HP0157A-CS-SP
Vacant Lot
4/23/2013

RML

Metals mg/kg *		
Arsenic	39	15.29
Barium	46,000	139.12
Cadmium	210	ND
Chromium(III)	350,000	93.81
Lead	400	94.12
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	95
Benzo(a)pyrene	1,500	82
Benzo(b)fluoranthene	15,000	160
Benzo(k)fluoranthene	150,000	35
Chrysene	1,500,000	120
Dibenz(a,h)anthracene	1,500	23 J
Indeno(1,2,3-c,d)pyrene	15,000	67

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

HP0167
012300073011003000

HP0167A-CS-SP	HP0167B-CS-SP
Front Yard	Back Yard
4/2/2013	4/2/2013

RML

Metals mg/kg *			
Arsenic	39	21.53	16.84
Barium	46,000	137.76	174.33
Cadmium	210	ND	ND
Chromium(III)	350,000	113.25	106.42
Lead	400	92.09	89.67
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	16 J	11 J
Benzo(b)fluoranthene	15,000	21 J	13 J
Benzo(k)fluoranthene	150,000	8 J	9.6 J
Chrysene	1,500,000	16 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0176
012300073010013000

HP0176A-CS-SP	HP0176B-CS-SP
Front Yard	Back Yard
4/2/2013	4/2/2013

	RML		
Metals mg/kg *			
Arsenic	39	19.84	24.45
Barium	46,000	225.48	201.43
Cadmium	210	ND	ND
Chromium(III)	350,000	110.24	145.58
Lead	400	167.11	307.8
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	25 J	100 J
Benzo(b)fluoranthene	15,000	28 J	95 J
Benzo(k)fluoranthene	150,000	16 J	55 J
Chrysene	1,500,000	20 J	80 J
Dibenz(a,h)anthracene	1,500	ND	37 J
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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0200
012300073008033000

HP0200A-CS-SP Vacant Lot 4/24/2013	HP0200B-CS-SP Vacant Lot 4/24/2013
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RML	HP0200A-CS-SP Vacant Lot 4/24/2013	HP0200B-CS-SP Vacant Lot 4/24/2013	
Metals mg/kg *			
Arsenic	39	ND	26 J
Barium	46,000	78.33	300
Cadmium	210	ND	6.4
Chromium(III)	350,000	74.15	133.62
Lead	400	2,231.65	6,666
Mercury (elemental)	30	ND	0.48
Selenium	1,200	ND	14.06
Silver	1,200	ND	18 J
PAHs µg/kg			
Benz(a)anthracene	15,000	94	ND
Benzo(a)pyrene	1,500	ND	ND
Benzo(b)fluoranthene	15,000	ND	72 J
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	130	120 J
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND
PCBs µg/kg			
PCB-1016	12,000	ND	ND
PCB-1221	14,000	ND	ND
PCB-1232	14,000	ND	ND
PCB-1242	22,000	ND	ND
PCB-1248	22,000	1,500	2,500 J
PCB-1254	3,400	3,000 J	8,300 J
PCB-1260	22,000	4,600	15,000 J

Notes:

- CS Composite sample
- EPA EPA Regional Removal Management Levels, dated December 2012
- HP Harriman Park Neighborhood
- 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 hydrocarbon
- PCBs Polychlorinated biphenyls
- 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

HP0202
012300073009009000

	RML	HP0202A-CS-SP Front Yard 4/11/2013	HP0202B-CS-SP Back Yard 4/11/2013	HP0202C-CS-SP Side Yard 4/11/2013
Metals mg/kg *				
Arsenic	39	22.55	59.82	45 J
Barium	46,000	280.35	179.89	730
Cadmium	210	ND	ND	5
Chromium(III)	350,000	128.44	156.45	159.96
Lead	400	145.22	613.34	450
Mercury (elemental)	30	ND	ND	8.58
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	380	670	210
Benzo(a)pyrene	1,500	350	500	260 J
Benzo(b)fluoranthene	15,000	700	900	370
Benzo(k)fluoranthene	150,000	190	380	110
Chrysene	1,500,000	510	640	330 J
Dibenz(a,h)anthracene	1,500	110	150	ND
Indeno(1,2,3-c,d)pyrene	15,000	280	340	380

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

HP0219
012300073008016000

HP0219A-CS
Front Yard
4/1/2013

RML

Metals mg/kg *		
Arsenic	39	22.87
Barium	46,000	94.34
Cadmium	210	ND
Chromium(III)	350,000	111.06
Lead	400	74.89
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	25
Benzo(a)pyrene	1,500	19
Benzo(b)fluoranthene	15,000	35
Benzo(k)fluoranthene	150,000	8.4 J
Chrysene	1,500,000	26
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0232
012300073006022000

HP0232A-CS-SP	HP0232B-CS-SP
Front Yard	Back Yard
4/24/2013	4/24/2013

RML

Metals mg/kg *			
Arsenic	39	19.75	22.49
Barium	46,000	233.55	282.91
Cadmium	210	ND	ND
Chromium(III)	350,000	120.91	134.23
Lead	400	141	95.92
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	62	140
Benzo(a)pyrene	1,500	54	120
Benzo(b)fluoranthene	15,000	100	190
Benzo(k)fluoranthene	150,000	30	67
Chrysene	1,500,000	96	160
Dibenz(a,h)anthracene	1,500	13 J	27
Indeno(1,2,3-c,d)pyrene	15,000	38	82

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

HP0234
012300073006023000

HP0234A-CS-SP	HP0234B-CS-SP
Vacant Lot	Vacant Lot
4/17/2013	4/17/2013

	RML		
Metals mg/kg *			
Arsenic	39	20.76	41.62
Barium	46,000	303.61	338.98
Cadmium	210	ND	ND
Chromium(III)	350,000	106.79	95.47
Lead	400	134.11	623.25
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	240	650
Benzo(a)pyrene	1,500	380	510
Benzo(b)fluoranthene	15,000	450	740
Benzo(k)fluoranthene	150,000	110	240
Chrysene	1,500,000	290	560
Dibenz(a,h)anthracene	1,500	66 J	78
Indeno(1,2,3-c,d)pyrene	15,000	330	340

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

HP0257
012300073005014000

HP0257A-CS-SP	HP0257B-CS-SP
Front Yard	Back Yard
4/2/2013	4/2/2013

	RML		
Metals mg/kg *			
Arsenic	39	28.53	20.62
Barium	46,000	233.19	320.17
Cadmium	210	ND	ND
Chromium(III)	350,000	115.61	109.17
Lead	400	85	128.88
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	12 J
Benzo(b)fluoranthene	15,000	12 J	15 J
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	ND	7.5 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
- HP Harriman Park Neighborhood
- 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 hydrocarbon
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

HP0283
012300073005006000

HP0283A-CS-SP Front Yard 4/9/2013	HP0283B-CS-SP Back Yard 4/9/2013	HP0283C-CS-SP Veg Garden 4/9/2013
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RML

Metals mg/kg *				
Arsenic	39	41	32.06	19.81
Barium	46,000	170	197.61	336.06
Cadmium	210	2.4	ND	ND
Chromium(III)	350,000	120	183.16	155.16
Lead	400	420	147.22	83.49
Mercury (elemental)	30	0.18	ND	ND
Selenium	1,200	6.1	ND	ND
Silver	1,200	0.83 J	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	80 J	ND	20 J
Benzo(a)pyrene	1,500	79 J	27 J	15 J
Benzo(b)fluoranthene	15,000	130 J	48 J	40 J
Benzo(k)fluoranthene	150,000	69 J	22 J	25 J
Chrysene	1,500,000	220 J	24 J	42 J
Dibenz(a,h)anthracene	1,500	77 J	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	110 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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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

HP0288
012300073005001000

HP0288A-CS-SP
Vacant Lot
4/24/2013

RML

Metals mg/kg *		
Arsenic	39	18.35
Barium	46,000	137.54
Cadmium	210	ND
Chromium(III)	350,000	67.86
Lead	400	185.79
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	97
Benzo(a)pyrene	1,500	97
Benzo(b)fluoranthene	15,000	170
Benzo(k)fluoranthene	150,000	66
Chrysene	1,500,000	140
Dibenz(a,h)anthracene	1,500	19 J
Indeno(1,2,3-c,d)pyrene	15,000	75

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

HP0311
012300073006014000

HP0311A-CS-SP	HP0311B-CS-SP
Front Yard	Back Yard
4/17/2013	4/17/2013

	RML		
Metals mg/kg *			
Arsenic	39	44	40.11
Barium	46,000	360	279.64
Cadmium	210	1.8	ND
Chromium(III)	350,000	123.14	145.61
Lead	400	520	618.42
Mercury (elemental)	30	0.21	ND
Selenium	1,200	1.3 J	ND
Silver	1,200	0.53 J	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	380	870
Benzo(a)pyrene	1,500	320 J	910
Benzo(b)fluoranthene	15,000	660	1,700
Benzo(k)fluoranthene	150,000	170	410
Chrysene	1,500,000	440	1,100
Dibenz(a,h)anthracene	1,500	59 J	240
Indeno(1,2,3-c,d)pyrene	15,000	120	710

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
- RML EPA Regional Removal Management Levels, dated December 2012
- PAH Polycyclic aromatic hydrocarbon
- 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