REDACTED

CV0736

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back/Side Yard 11/29/2012
Metals mg/kg *			
Arsenic	39	31	37.86
Barium	46,000	139.79	165.03
Cadmium	210	ND	ND
Chromium(III)	350,000	177.78	184.56
Lead	400	208.09	250.79
Mercury (elemental)	30	ND	8.49
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	370
Benzo(a)pyrene	1,500	120	330
Benzo(b)fluoranthene	15,000	210	560
Benzo(k)fluoranthene	150,000	88	240
Chrysene	1,500,000	210	490
Dibenz(a,h)anthracene	1,500	36 J	81 J
Indeno(1,2,3-c,d)pyrene	15,000	97	190

Notes:

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

CV0735

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back Yard 11/29/2012
Metals mg/kg *			
Arsenic	39	**45.01**	ND
Barium	46,000	165.88	168.68
Cadmium	210	ND	ND
Chromium(III)	350,000	150.56	140.49
Lead	400	292.35	102.66
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	260	1100
Benzo(a)pyrene	1,500	270	1300
Benzo(b)fluoranthene	15,000	670	2600
Benzo(k)fluoranthene	150,000	200	830
Chrysene	1,500,000	440	1300
Dibenz(a,h)anthracene	1,500	86 J	430
Indeno(1,2,3-c,d)pyrene	15,000	220	1000

Notes:

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

CV0711

	RML	(b) (6) Front Yard 11/28/2012	(b) (6) Side Yard 11/28/2012	(b) (6) Side Yard 11/28/2012	(b) (6) Back Yard 11/28/2012
Metals mg/kg *					
Arsenic	39	17.57	25.02	17.02	17.43
Barium	46,000	77.76	94.44	75.61	107.45
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	123.1	123.65	121.48	141.65
Lead	400	78.99	228.43	86.63	145.1
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	170	130	120	140
Benzo(a)pyrene	1,500	130	110	110	120
Benzo(b)fluoranthene	15,000	230	220	160	220
Benzo(k)fluoranthene	150,000	91	59	60	73
Chrysene	1,500,000	250	180	160	190
Dibenz(a,h)anthracene	1,500	44	29	26	35
Indeno(1,2,3-c,d)pyrene	15,000	89	67	63	70

Notes:

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

CV0699

	RML	(b) (6) Front Yard 11/14/2012	(b) (6) Front Yard 11/14/2012	(b) (6) Side Yard 11/14/2012
Metals mg/kg *				
Arsenic	39	12.41	17	9.35
Barium	46,000	131.37	129	135.78
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	128.27	112.97	126.8
Lead	400	82.41	86.1	54.82
Mercury (elemental)	30	ND	0.12	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	132	667	109 J
Benzo(a)pyrene	1,500	117	466	92.7 J
Benzo(b)fluoranthene	15,000	204	765	168 J
Benzo(k)fluoranthene	150,000	52.1 J	278	58.8 J
Chrysene	1,500,000	129	623	106 J
Dibenz(a,h)anthracene	1,500	16.4	73.6	12 J
Indeno(1,2,3-c,d)pyrene	15,000	51	171	37.8 J

Notes:

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

CV0698

	RML	(b) (6) Front Yard 11/13/2012	(b) (6) Back Yard 11/13/2012
Metals mg/kg *			
Arsenic	39	20.8	13.46
Barium	46,000	124.83	112.92
Cadmium	210	ND	ND
Chromium(III)	350,000	115.16	105.66
Lead	400	114	62.98
Mercury (elemental)	30	0.112	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	151	27.4
Benzo(a)pyrene	1,500	98.6	24.6
Benzo(b)fluoranthene	15,000	165	36.7
Benzo(k)fluoranthene	150,000	77.8	11.2
Chrysene	1,500,000	113	32.7
Dibenz(a,h)anthracene	1,500	23	6
Indeno(1,2,3-c,d)pyrene	15,000	51.5	13.9

Notes:

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

CV0691

	RML	(b) (6) Front Yard 11/20/2012	(b) (6) Back Yard 11/20/2012	(b) (6) Back Yard 11/20/2012
Metals mg/kg *				
Arsenic	39	16.57	16.64	19
Barium	46,000	51.49	138.63	170
Cadmium	210	ND	ND	1.1
Chromium(III)	350,000	122.59	124.23	123.43
Lead	400	75.02	122.53	94
Mercury (elemental)	30	ND	ND	0.052
Selenium	1,200	ND	ND	2.5 J
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	120	120	97
Benzo(a)pyrene	1,500	97	94	81
Benzo(b)fluoranthene	15,000	150	160	140
Benzo(k)fluoranthene	150,000	73	52	47
Chrysene	1,500,000	150	130	110
Dibenz(a,h)anthracene	1,500	45	34	33
Indeno(1,2,3-c,d)pyrene	15,000	81	77	85

Notes:

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

(b) (6)

CV0688

	RML	Front Yard 11/14/2012	(b) (6) Back Yard 11/14/2012
Metals mg/kg *			
Arsenic	39	12.65	11.55
Barium	46,000	62.01	63.33
Cadmium	210	ND	ND
Chromium(III)	350,000	130.45	415.53
Lead	400	89.26	93.46
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	76.8 J	81 J
Benzo(a)pyrene	1,500	54.9 J	73.3 J
Benzo(b)fluoranthene	15,000	138 J	166 J
Benzo(k)fluoranthene	150,000	45.4 J	56.5 J
Chrysene	1,500,000	117 J	108 J
Dibenz(a,h)anthracene	1,500	8.3 J	17.7 J
Indeno(1,2,3-c,d)pyrene	15,000	35.6 J	60 J

Notes:

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

CV0665

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back Yard 11/29/2012
Metals mg/kg *			
Arsenic	39	13.44	14.35
Barium	46,000	136.02	137.61
Cadmium	210	ND	ND
Chromium(III)	350,000	150.97	134.4
Lead	400	138.52	112.93
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	230	330
Benzo(a)pyrene	1,500	190	280
Benzo(b)fluoranthene	15,000	340	560
Benzo(k)fluoranthene	150,000	150	160
Chrysene	1,500,000	300	360
Dibenz(a,h)anthracene	1,500	41	94 J
Indeno(1,2,3-c,d)pyrene	15,000	93	270

Notes:

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

CV0660

	RML	(b) (6) (Front Yard 11/19/2012	(b) (6) Side Yard 11/19/2012	(b) (6) (b) (6) Back Yard 11/19/2012
Metals mg/kg *				
Arsenic	39	15.92	20.65	16.57
Barium	46,000	132.2	194.94	286.73
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	126.55	149.47	124.52
Lead	400	148.72	120.59	85.7
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	220	380	120
Benzo(a)pyrene	1,500	140	190	76
Benzo(b)fluoranthene	15,000	240	360	140
Benzo(k)fluoranthene	150,000	72	170	57
Chrysene	1,500,000	230	390	160
Dibenz(a,h)anthracene	1,500	57 J	110	29
Indeno(1,2,3-c,d)pyrene	15,000	95 J	130	60

Notes:

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

CV0624

	RML	(b) (6) (b) (6) Vacant Lot 11/28/2012	(b) (6) Vacant Lot 11/28/2012
Metals mg/kg *			
Arsenic	39	13.03	20.59
Barium	46,000	181.76	148.3
Cadmium	210	ND	ND
Chromium(III)	350,000	133.3	117.91
Lead	400	142.67	125.49
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,600	390
Benzo(a)pyrene	1,500	**1,700**	400
Benzo(b)fluoranthene	15,000	2,600	660
Benzo(k)fluoranthene	150,000	1,000	220
Chrysene	1,500,000	1,600	410
Dibenz(a,h)anthracene	1,500	390	110
Indeno(1,2,3-c,d)pyrene	15,000	1,000	270

Notes:

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

CV0623

	RML	(b) (6) (b) (6) Vacant Lot 11/28/2012
Metals mg/kg *		
Arsenic	39	16.63
Barium	46,000	178.6
Cadmium	210	ND
Chromium(III)	350,000	125.89
Lead	400	74.39
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	1,100
Benzo(a)pyrene	1,500	**1,900**
Benzo(b)fluoranthene	15,000	3,500
Benzo(k)fluoranthene	150,000	1,300
Chrysene	1,500,000	1,500
Dibenz(a,h)anthracene	1,500	620
Indeno(1,2,3-c,d)pyrene	15,000	1,300

Notes:

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

CV0619

	RML	(b) (6) (b) (6) Vacant Lot 11/28/2012	(b) (6) Vacant Lot 11/28/2012	(b) (6) Vacant Lot 11/28/2012	(b) (6) Vacant Lot 11/28/2012
Metals mg/kg *					
Arsenic	39	21.85	NA	34.01	25.19
Barium	46,000	207.05	NA	520	ND
Cadmium	210	ND	NA	3.5	ND
Chromium(III)	350,000	138.81	NA	150.37	97.41
Lead	400	288.14	NA	360 J	150.63
Mercury (elemental)	30	ND	NA	7.84	ND
Selenium	1,200	ND	NA	2.6 J	ND
Silver	1,200	ND	NA	0.43 J	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	500	680	950	340
Benzo(a)pyrene	1,500	390	580	790	270
Benzo(b)fluoranthene	15,000	780	1,100	1,400	470
Benzo(k)fluoranthene	150,000	210 J	330 J	290	120
Chrysene	1,500,000	620	750	1,100	510
Dibenz(a,h)anthracene	1,500	130	220	220	160
Indeno(1,2,3-c,d)pyrene	15,000	320	370	540	200

Notes:

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

CV0588

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back/Side Yard 11/29/2012	(b) (6) (b) (6) Back/Side Yard 11/29/2012	(b) (6) Veg Garden 11/29/2012
Metals mg/kg *					
Arsenic	39	13.11	16.47	17.3	28.4
Barium	46,000	254.93	ND	ND	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	130.78	125.19	95.22	160.74
Lead	400	62.33	101.42	176.54	167.87
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	170	210	240	98 J
Benzo(a)pyrene	1,500	170	200	230	89 J
Benzo(b)fluoranthene	15,000	290	410	350	140 J
Benzo(k)fluoranthene	150,000	120	120	270	38 J
Chrysene	1,500,000	210	330	400	130 J
Dibenz(a,h)anthracene	1,500	51	49	61	22 J
Indeno(1,2,3-c,d)pyrene	15,000	82	110	85	30 J

Notes:

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

CV0559

	RML	(b) (6) ( ) Front Yard 11/29/2012	(b) (6) Back Yard 11/29/2012	(b) (6) Low Lying Area 11/29/2012
Metals mg/kg *				
Arsenic	39	17.62	20.23	28.23
Barium	46,000	230.85	88.59	300
Cadmium	210	ND	ND	3.2
Chromium(III)	350,000	154.22	108.7	144.18
Lead	400	171.33	270.69	390 J
Mercury (elemental)	30	ND	ND	0.45
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	0.24 J
PAHs µg/kg				
Benz(a)anthracene	15,000	2,600	1,800	1,200
Benzo(a)pyrene	1,500	**3,300**	**2,300**	**1,500**
Benzo(b)fluoranthene	15,000	5,900	4,400	2,700
Benzo(k)fluoranthene	150,000	1,800	1,300	890
Chrysene	1,500,000	2,700	2,000	1,400
Dibenz(a,h)anthracene	1,500	970	690	430
Indeno(1,2,3-c,d)pyrene	15,000	2,500	1,600	1,100

Notes:

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

CV0495

	RML	(b) (6) Front Yard 11/8/2012	(b) (6) Front Yard 11/8/2012	(b) (6) (b) (6) Back Yard 11/8/2012
Metals mg/kg *				
Arsenic	39	15.3	NA	11.09
Barium	46,000	113.28	NA	136.74
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	121.78	NA	148.97
Lead	400	82.96	NA	167.36
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	143 J	163 J	703
Benzo(a)pyrene	1,500	159 J	157 J	266
Benzo(b)fluoranthene	15,000	286 J	287 J	462
Benzo(k)fluoranthene	150,000	79.5 J	115 J	153
Chrysene	1,500,000	169 J	167 J	461
Dibenz(a,h)anthracene	1,500	27.5 J	28.2 J	56.5
Indeno(1,2,3-c,d)pyrene	15,000	73.7 J	76.1 J	174

Notes:

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

CV0494

	RML	(b) (6) (b) (6) Front Yard 11/8/2012	(b) (6) (b) (6) Back Yard 11/8/2012
Metals mg/kg *			
Arsenic	39	21.1	16.95
Barium	46,000	105.49	130.69
Cadmium	210	ND	ND
Chromium(III)	350,000	117.2	121.02
Lead	400	77.14	80.99
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	200 J
Benzo(a)pyrene	1,500	118 J	190 J
Benzo(b)fluoranthene	15,000	179 J	337 J
Benzo(k)fluoranthene	150,000	61.1 J	103 J
Chrysene	1,500,000	133 J	222 J
Dibenz(a,h)anthracene	1,500	26.3 J	37.6 J
Indeno(1,2,3-c,d)pyrene	15,000	76.2 J	103 J

Notes:

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

CV0489

	RML	(b) (6) (b) (6) (Vacant Lot 11/28/2012	(b) (6) (b) (6) Vacant Lot 11/28/2012
Metals mg/kg *			
Arsenic	39	30.17	21.35
Barium	46,000	83.11	105.87
Cadmium	210	ND	ND
Chromium(III)	350,000	139.27	121.62
Lead	400	98.16	105.91
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330	180
Benzo(a)pyrene	1,500	290	100
Benzo(b)fluoranthene	15,000	420	220
Benzo(k)fluoranthene	150,000	110	81
Chrysene	1,500,000	380	250
Dibenz(a,h)anthracene	1,500	110	75 J
Indeno(1,2,3-c,d)pyrene	15,000	170	100

Notes:

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

CV0475

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back Yard 11/29/2012
Metals mg/kg *			
Arsenic	39	20.22	8.07
Barium	46,000	35.3	102.14
Cadmium	210	ND	ND
Chromium(III)	350,000	140.82	148.88
Lead	400	99.44	91.34
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	51	230
Benzo(a)pyrene	1,500	40	170
Benzo(b)fluoranthene	15,000	75	260
Benzo(k)fluoranthene	150,000	14	96
Chrysene	1,500,000	53	230
Dibenz(a,h)anthracene	1,500	12 J	49
Indeno(1,2,3-c,d)pyrene	15,000	34	110

Notes:

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

CV0474

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Back Yard 11/29/2012
Metals mg/kg *			
Arsenic	39	29.19	17.98
Barium	46,000	131.66	127.9
Cadmium	210	ND	ND
Chromium(III)	350,000	130.88	148.55
Lead	400	246.25	124.71
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140	45
Benzo(a)pyrene	1,500	100	44
Benzo(b)fluoranthene	15,000	140	62
Benzo(k)fluoranthene	150,000	110	29
Chrysene	1,500,000	140	53
Dibenz(a,h)anthracene	1,500	30 J	16 J
Indeno(1,2,3-c,d)pyrene	15,000	67 J	31

Notes:

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

CV0434

	RML	(b) (6) (b) (6) Front Yard 11/13/2012	(b) (6) Back Yard 11/13/2012	(b) (6) (b) (6) Back Yard 11/13/2012
Metals mg/kg *				
Arsenic	39	22.2	16.58	16.7
Barium	46,000	159	70.09	97.84
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	94.35	133.47	144.1
Lead	400	103	113.23	85.27
Mercury (elemental)	30	0.122	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	651	848	51.2
Benzo(a)pyrene	1,500	954	1450	54.5
Benzo(b)fluoranthene	15,000	1660	2350	85.2
Benzo(k)fluoranthene	150,000	508	712	39.7
Chrysene	1,500,000	826	941	58.5
Dibenz(a,h)anthracene	1,500	316	402	16.7
Indeno(1,2,3-c,d)pyrene	15,000	679	973	32.3

Notes:

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

CV0415

	RML	(b) (6) Front Yard 11/20/2012	(b) (6) (b) (6) Back Yard 11/20/2012
Metals mg/kg *			
Arsenic	39	36.24	8.93
Barium	46,000	163.66	31.95
Cadmium	210	ND	ND
Chromium(III)	350,000	133.94	99.87
Lead	400	**464.23**	81.63
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	190	240
Benzo(a)pyrene	1,500	160	240
Benzo(b)fluoranthene	15,000	300	410
Benzo(k)fluoranthene	150,000	88	160
Chrysene	1,500,000	290	310
Dibenz(a,h)anthracene	1,500	62	90
Indeno(1,2,3-c,d)pyrene	15,000	130	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
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal 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

CV0382

	RML	(b) (6) Front Yard 11/19/2012	(b) (6) Back Yard 11/19/2012
Metals mg/kg *			
Arsenic	39	20.16	18
Barium	46,000	169.49	230
Cadmium	210	ND	2
Chromium(III)	350,000	133.39	103.14
Lead	400	211.28	210
Mercury (elemental)	30	ND	0.14
Selenium	1,200	ND	2.4 J
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	350	280
Benzo(a)pyrene	1,500	220	200
Benzo(b)fluoranthene	15,000	350	360
Benzo(k)fluoranthene	150,000	180	150
Chrysene	1,500,000	350	360
Dibenz(a,h)anthracene	1,500	49 J	73 J
Indeno(1,2,3-c,d)pyrene	15,000	180	120

Notes:

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

CV0366

	RML	(b) (6) (b) (6) Front Yard 11/15/2012	(b) (6) Back Yard 11/15/2012
Metals mg/kg *			
Arsenic	39	30.8	30.05
Barium	46,000	400	183.22
Cadmium	210	2.34	ND
Chromium(III)	350,000	147.35	128.37
Lead	400	**420.49**	225.78
Mercury (elemental)	30	0.368	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	135 J	286 J
Benzo(a)pyrene	1,500	72 J	126 J
Benzo(b)fluoranthene	15,000	148 J	277 J
Benzo(k)fluoranthene	150,000	47.8 J	75 J
Chrysene	1,500,000	129 J	267 J
Dibenz(a,h)anthracene	1,500	12.2 J	27.1 J
Indeno(1,2,3-c,d)pyrene	15,000	38.4 J	67.5 J

Notes:

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

CV0364

	RML	(b) (6) Front Yard 11/15/2012	(b) (6) (b) (6) Back Yard 11/15/2012
Metals mg/kg *			
Arsenic	39	21.2	**41.24**
Barium	46,000	195.65	284.77
Cadmium	210	ND	ND
Chromium(III)	350,000	136.92	185.24
Lead	400	296.25	274.94
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	126 J	305 J
Benzo(a)pyrene	1,500	64.4 J	220 J
Benzo(b)fluoranthene	15,000	126 J	417 J
Benzo(k)fluoranthene	150,000	37 J	134 J
Chrysene	1,500,000	136 J	333 J
Dibenz(a,h)anthracene	1,500	11.7 J	42.1 J
Indeno(1,2,3-c,d)pyrene	15,000	33.4 J	113 J

Notes:

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

CV0362

	RML	(b) (6) (b) (6) Front Yard 11/14/2012	(b) (6) (b) (6) Back Yard 11/14/2012
Metals mg/kg *			
Arsenic	39	14.9	29.9
Barium	46,000	146.33	441
Cadmium	210	ND	4.15
Chromium(III)	350,000	123.7	150.65
Lead	400	95.09	**428**
Mercury (elemental)	30	ND	2.02
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	354	445
Benzo(a)pyrene	1,500	228	376
Benzo(b)fluoranthene	15,000	386	382
Benzo(k)fluoranthene	150,000	154 J	416
Chrysene	1,500,000	293	368
Dibenz(a,h)anthracene	1,500	35	124
Indeno(1,2,3-c,d)pyrene	15,000	86.8	243

Notes:

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

CV0359

	RML	(b) (6) Back Yard 11/14/2012	(b) (6) Side Yard 11/14/2012
Metals mg/kg *			
Arsenic	39	**44.2**	32.91
Barium	46,000	618	584.95
Cadmium	210	9.43	ND
Chromium(III)	350,000	168.95	135.16
Lead	400	**426**	**404.88**
Mercury (elemental)	30	0.608	ND
Selenium	1,200	2.86	ND
Silver	1,200	2.46	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1540	113 J
Benzo(a)pyrene	1,500	1480	96.1 J
Benzo(b)fluoranthene	15,000	1760	168 J
Benzo(k)fluoranthene	150,000	456 J	61.9 J
Chrysene	1,500,000	1340	133 J
Dibenz(a,h)anthracene	1,500	150 J	19.4 J
Indeno(1,2,3-c,d)pyrene	15,000	347 J	50.6 J

Notes:

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

CV0327

	RML	(b) (6) Front Yard 11/28/2012	(b) (6) Back Yard 11/28/2012
Metals mg/kg *			
Arsenic	39	18.66	18.18
Barium	46,000	139.82	161.89
Cadmium	210	ND	ND
Chromium(III)	350,000	135.85	167.95
Lead	400	170.42	231.61
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	150	110
Benzo(a)pyrene	1,500	110	99
Benzo(b)fluoranthene	15,000	200	190
Benzo(k)fluoranthene	150,000	52	73
Chrysene	1,500,000	150	180
Dibenz(a,h)anthracene	1,500	51 J	41
Indeno(1,2,3-c,d)pyrene	15,000	120	96

Notes:

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

CV0326

	RML	(b) (6) Front Yard 11/28/2012	(b) (6) Back Yard 11/28/2012	(b) (6) Playset 11/28/2012	(b) (6) Playset 11/28/2012
Metals mg/kg *					
Arsenic	39	14.22	10.29	16.13	12.15
Barium	46,000	186.66	145.63	131.86	156.12
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	153.84	164.68	170.31	127.37
Lead	400	117.02	138.43	167.77	91.24
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	100	140	99	48
Benzo(a)pyrene	1,500	93	110	91	46
Benzo(b)fluoranthene	15,000	150	160	120	68
Benzo(k)fluoranthene	150,000	52	75	60	25
Chrysene	1,500,000	130	140	120	53
Dibenz(a,h)anthracene	1,500	37	36	34	15 J
Indeno(1,2,3-c,d)pyrene	15,000	97	94	73	45

Notes:

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

CV0326

	RML	(b) (6) Playset 11/28/2012
Metals mg/kg *		
Arsenic	39	11.39
Barium	46,000	72.21
Cadmium	210	ND
Chromium(III)	350,000	119.29
Lead	400	95.93
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	47
Benzo(a)pyrene	1,500	50
Benzo(b)fluoranthene	15,000	74
Benzo(k)fluoranthene	150,000	29
Chrysene	1,500,000	69
Dibenz(a,h)anthracene	1,500	19 J
Indeno(1,2,3-c,d)pyrene	15,000	46

Notes:

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

CV0323

	RML	(b) (6) Front/Side Yard 11/28/2012	(b) (6) Back Yard 11/28/2012
Metals mg/kg *			
Arsenic	39	24.49	**42.11**
Barium	46,000	162.81	214.45
Cadmium	210	ND	5.4
Chromium(III)	350,000	127.91	185.92
Lead	400	269.63	**410 J**
Mercury (elemental)	30	ND	8.32
Selenium	1,200	ND	ND
Silver	1,200	ND	0.37 J
PAHs µg/kg			
Benz(a)anthracene	15,000	160	460
Benzo(a)pyrene	1,500	160	270
Benzo(b)fluoranthene	15,000	240	480
Benzo(k)fluoranthene	150,000	120	170
Chrysene	1,500,000	200	480
Dibenz(a,h)anthracene	1,500	51	100
Indeno(1,2,3-c,d)pyrene	15,000	150	230

Notes:

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

CV0293

	RML	(b) (6) Front/Side Yard 11/28/2012	(b) (6) Back Yard 11/28/2012
Metals mg/kg *			
Arsenic	39	24.35	19.65
Barium	46,000	262.77	93.79
Cadmium	210	ND	ND
Chromium(III)	350,000	136.46	155.73
Lead	400	142.22	251.9
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	110	130
Benzo(a)pyrene	1,500	140	120
Benzo(b)fluoranthene	15,000	240	220
Benzo(k)fluoranthene	150,000	80	76
Chrysene	1,500,000	160	150
Dibenz(a,h)anthracene	1,500	35	26
Indeno(1,2,3-c,d)pyrene	15,000	100	66

Notes:

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

CV0272		(b) (6)	(b) (6)	(b) (6)	(b) (6)
	RML	Front Yard 11/27/2012	Back Yard 11/27/2012	Veg Garden 11/27/2012	Veg Garden 41240
Metals mg/kg *					
Arsenic	39	12.81	14.53	11.9	26
Barium	46,000	157.37	119.52	186.16	250
Cadmium	210	ND	ND	ND	1.1
Chromium(III)	350,000	134.89	105.71	147.68	115.75
Lead	400	80.35	96.27	152.77	**460 J**
Mercury (elemental)	30	ND	ND	ND	0.4
Selenium	1,200	ND	ND	ND	1.4 J
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	150	150	43	160
Benzo(a)pyrene	1,500	73	99	30	140
Benzo(b)fluoranthene	15,000	130	140	42	240
Benzo(k)fluoranthene	150,000	42	78	19	76
Chrysene	1,500,000	91	140	40	170
Dibenz(a,h)anthracene	1,500	37 J	31	9.4 J	33
Indeno(1,2,3-c,d)pyrene	15,000	90 J	97	24 J	97

Notes:

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

CV0268

	RML	(b) (6) Front/Side Yard 11/30/2012	(b) (6) Back Yard 11/30/2012
Metals mg/kg *			
Arsenic	39	32.84	37.47
Barium	46,000	249.48	265.82
Cadmium	210	ND	3.1
Chromium(III)	350,000	162.38	140.67
Lead	400	231.34	**470 J**
Mercury (elemental)	30	ND	0.66
Selenium	1,200	ND	2 J
Silver	1,200	ND	0.3 J
PAHs µg/kg			
Benz(a)anthracene	15,000	340	310
Benzo(a)pyrene	1,500	390	280
Benzo(b)fluoranthene	15,000	610	540
Benzo(k)fluoranthene	150,000	250	140
Chrysene	1,500,000	430	410
Dibenz(a,h)anthracene	1,500	120	84 J
Indeno(1,2,3-c,d)pyrene	15,000	240	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
PAHs	Polycyclic aromatic hydrocarbons
RML	EPA Regional Removal 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

CV0267

	RML	(b) (6) Front Yard 11/27/2012	(b) (6) Soil Pile FY 11/27/2012
Metals mg/kg *			
Arsenic	39	15.71	16.28
Barium	46,000	129.22	80.38
Cadmium	210	ND	ND
Chromium(III)	350,000	105.28	112.78
Lead	400	132.56	100.81
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330	330
Benzo(a)pyrene	1,500	190	270
Benzo(b)fluoranthene	15,000	410	580
Benzo(k)fluoranthene	150,000	150	160
Chrysene	1,500,000	280	330
Dibenz(a,h)anthracene	1,500	57 J	87 J
Indeno(1,2,3-c,d)pyrene	15,000	160	260

Notes:

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

CV0263

	RML	(b) (6) Front Yard 11/27/2012	(b) (6) Back Yard 11/27/2012
Metals mg/kg *			
Arsenic	39	21.86	17.14
Barium	46,000	152.79	157.06
Cadmium	210	ND	ND
Chromium(III)	350,000	121.87	119.15
Lead	400	172.95	139.83
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	280	180
Benzo(a)pyrene	1,500	250	120
Benzo(b)fluoranthene	15,000	490	220
Benzo(k)fluoranthene	150,000	140	75
Chrysene	1,500,000	330	190
Dibenz(a,h)anthracene	1,500	88	39
Indeno(1,2,3-c,d)pyrene	15,000	240	110

Notes:

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

CV0249

	RML	(b) (6) Front Yard 11/26/2012	(b) (6) Back Yard 11/26/2012
Metals mg/kg *			
Arsenic	39	**69.56**	**39.54**
Barium	46,000	197.02	233.14
Cadmium	210	ND	ND
Chromium(III)	350,000	131.41	166.34
Lead	400	**745.67**	**495.5**
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	810	480
Benzo(a)pyrene	1,500	630	340
Benzo(b)fluoranthene	15,000	1000	590
Benzo(k)fluoranthene	150,000	330	220
Chrysene	1,500,000	740	480
Dibenz(a,h)anthracene	1,500	130	87
Indeno(1,2,3-c,d)pyrene	15,000	400	220

Notes:

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

CV0248

	RML	(b) (6) Front Yard 11/29/2012	(b) (6) Front Yard 11/29/2012	(b) (6) (b) (6) Side Yard 11/29/2012	(b) (6) Back Yard 41242
Metals mg/kg *					
Arsenic	39	**41.66**	NA	28.54	28.34
Barium	46,000	131.99	NA	140	242.54
Cadmium	210	ND	NA	1.7	ND
Chromium(III)	350,000	104.7	NA	442.32	140.28
Lead	400	374.36	NA	280.1	327.77
Mercury (elemental)	30	ND	NA	0.2	ND
Selenium	1,200	ND	NA	1.5 J	ND
Silver	1,200	ND	NA	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	290	300	89	430
Benzo(a)pyrene	1,500	310	310	65	370
Benzo(b)fluoranthene	15,000	540	450	83	550
Benzo(k)fluoranthene	150,000	140	210	45	250
Chrysene	1,500,000	420	420	80	520
Dibenz(a,h)anthracene	1,500	71 J	80 J	ND	83 J
Indeno(1,2,3-c,d)pyrene	15,000	200	170	ND	220

Notes:

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

CV0239

	RML	(b) (6) Side Yard 11/8/2012	(b) (6) (b) (6) Front Yard 11/8/2012	(b) (6) Back Yard 11/8/2012
Metals mg/kg *				
Arsenic	39	20.7	17.28	19
Barium	46,000	161	99.61	326
Cadmium	210	ND	ND	1.37
Chromium(III)	350,000	124.41	124.54	129.23
Lead	400	177 J	134.4	294 J
Mercury (elemental)	30	0.132	ND	0.103
Selenium	1,200	4.75	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	166 J	98.4 J	454 J
Benzo(a)pyrene	1,500	114 J	71.7 J	289 J
Benzo(b)fluoranthene	15,000	216 J	155 J	322
Benzo(k)fluoranthene	150,000	61.1 J	39.8 J	182 J
Chrysene	1,500,000	186 J	107 J	414 J
Dibenz(a,h)anthracene	1,500	24 J	15.4 J	52.3 J
Indeno(1,2,3-c,d)pyrene	15,000	66 J	37.5 J	160 J

Notes:

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

CV0238

	RML	(b) (6) Side Yard 11/8/2012	(b) (6) Side Yard 11/8/2012
Metals mg/kg *			
Arsenic	39	21.32	28.01
Barium	46,000	109.4	288.01
Cadmium	210	ND	ND
Chromium(III)	350,000	132.75	244
Lead	400	125.35	395.23
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	271 J	183 J
Benzo(a)pyrene	1,500	161 J	97.5 J
Benzo(b)fluoranthene	15,000	272 J	204 J
Benzo(k)fluoranthene	150,000	123 J	77.8 J
Chrysene	1,500,000	265 J	193 J
Dibenz(a,h)anthracene	1,500	35.9 J	26.5 J
Indeno(1,2,3-c,d)pyrene	15,000	113 J	71.7 J

Notes:

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

CV0237

	RML	(b) (6) Front Yard 11/8/2012	(b) (6) (b) (6) Back Yard 11/8/2012
Metals mg/kg *			
Arsenic	39	31.09	17.6
Barium	46,000	111.92	126.75
Cadmium	210	ND	ND
Chromium(III)	350,000	183.95	102.9
Lead	400	160.75	164.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	724	178 J
Benzo(a)pyrene	1,500	268 J	157 J
Benzo(b)fluoranthene	15,000	472 J	265 J
Benzo(k)fluoranthene	150,000	143 J	105 J
Chrysene	1,500,000	448 J	210 J
Dibenz(a,h)anthracene	1,500	56.3 J	26.2 J
Indeno(1,2,3-c,d)pyrene	15,000	174 J	67.3 J

Notes:

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

CV0222

	RML	(b) (6) Front Yard 11/8/2012	(b) (6) (b) (6) Back Yard 11/8/2012
Metals mg/kg *			
Arsenic	39	**40.25**	32.45
Barium	46,000	214.4	203.5
Cadmium	210	ND	ND
Chromium(III)	350,000	137.41	143.48
Lead	400	**430.36**	294.59
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	176 J	440 J
Benzo(a)pyrene	1,500	139 J	290 J
Benzo(b)fluoranthene	15,000	217 J	441 J
Benzo(k)fluoranthene	150,000	59.4 J	214 J
Chrysene	1,500,000	175 J	438 J
Dibenz(a,h)anthracene	1,500	20.4 J	50.5 J
Indeno(1,2,3-c,d)pyrene	15,000	51.3 J	141 J

Notes:

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

CV0217

	RML	(b) (6) Front Yard 11/8/2012	(b) (6) Back Yard 11/8/2012
Metals mg/kg *			
Arsenic	39	25.1	38.52
Barium	46,000	203.55	376
Cadmium	210	ND	4.64
Chromium(III)	350,000	139.21	123.01
Lead	400	275.69	**967 J**
Mercury (elemental)	30	ND	0.401
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	713	946
Benzo(a)pyrene	1,500	618	806
Benzo(b)fluoranthene	15,000	1,020	1,270
Benzo(k)fluoranthene	150,000	304 J	363 J
Chrysene	1,500,000	719	999
Dibenz(a,h)anthracene	1,500	83.7 J	133 J
Indeno(1,2,3-c,d)pyrene	15,000	260 J	391 J

Notes:

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

CV0194

	RML	(b) (6) Front Yard 11/13/2012	(b) (6) Back Yard 11/13/2012	(b) (6) (b) (6) Side Yard 11/13/2012
Metals mg/kg *				
Arsenic	39	11.22	20.62	31.9
Barium	46,000	934.72	127.37	357
Cadmium	210	ND	ND	1.8
Chromium(III)	350,000	177.29	128.04	157.64
Lead	400	37.32	170.05	**470**
Mercury (elemental)	30	ND	ND	0.508
Selenium	1,200	ND	ND	ND
Silver	1,200	11.91	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	ND	197	497
Benzo(a)pyrene	1,500	ND	171	573
Benzo(b)fluoranthene	15,000	ND	253	751
Benzo(k)fluoranthene	150,000	ND	104	434
Chrysene	1,500,000	ND	181	476
Dibenz(a,h)anthracene	1,500	ND	47.3	139
Indeno(1,2,3-c,d)pyrene	15,000	ND	108	317

Notes:

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

CV0192

	RML	(b) (6) Front Yard 11/14/2012	(b) (6) Back Yard 11/14/2012
Metals mg/kg *			
Arsenic	39	7.24	17.05
Barium	46,000	172.1	156.63
Cadmium	210	ND	ND
Chromium(III)	350,000	89.7	134.94
Lead	400	26.8	122.89
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	92.4 J	216
Benzo(a)pyrene	1,500	66 J	169
Benzo(b)fluoranthene	15,000	122 J	364
Benzo(k)fluoranthene	150,000	40 J	120 J
Chrysene	1,500,000	111 J	213
Dibenz(a,h)anthracene	1,500	11.2 J	39.1
Indeno(1,2,3-c,d)pyrene	15,000	30.2 J	95.2

Notes:

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

(b) (6)

CV0181

	RML	(b) (6) (b) (6) Front Yard 11/13/2012	(b) (6) Back Yard 11/13/2012	Veg Garden 11/13/2012
Metals mg/kg *				
Arsenic	39	13.4	15.63	21
Barium	46,000	123.27	109.88	204
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	131.44	131.39	51.31
Lead	400	92.96	97.16	41.9
Mercury (elemental)	30	ND	ND	0.0583
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	33.7	40.3 J	12.3 J
Benzo(a)pyrene	1,500	30	38.4 J	9 J
Benzo(b)fluoranthene	15,000	48.6	59.2 J	12.3 J
Benzo(k)fluoranthene	150,000	21 J	22.6 J	5.6 J
Chrysene	1,500,000	34.8	48 J	12 J
Dibenz(a,h)anthracene	1,500	3.7	3.6 J	ND
Indeno(1,2,3-c,d)pyrene	15,000	19.4	23 J	6.2 J

Notes:

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

(b) (6) (b) (6)

CV0165

	RML	Front Yard 11/26/2012	Back Yard 11/26/2012
Metals mg/kg *			
Arsenic	39	20.66	24.2
Barium	46,000	165.56	198.86
Cadmium	210	ND	ND
Chromium(III)	350,000	133.85	154.59
Lead	400	113.84	184.71
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	100	700
Benzo(a)pyrene	1,500	110	460
Benzo(b)fluoranthene	15,000	190	880
Benzo(k)fluoranthene	150,000	67	260
Chrysene	1,500,000	140	670
Dibenz(a,h)anthracene	1,500	46	110
Indeno(1,2,3-c,d)pyrene	15,000	110	280

Notes:

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

(b) (6)

CV0164

	RML	Front Yard 11/26/2012	Back Yard 11/26/2012
Metals mg/kg *			
Arsenic	39	14.25	18.27
Barium	46,000	127.16	191.68
Cadmium	210	ND	ND
Chromium(III)	350,000	438.16	249.38
Lead	400	117.67	206.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	1,400	300
Benzo(a)pyrene	1,500	1,200	240
Benzo(b)fluoranthene	15,000	2,300	380
Benzo(k)fluoranthene	150,000	620	150
Chrysene	1,500,000	1,400	300
Dibenz(a,h)anthracene	1,500	290	68
Indeno(1,2,3-c,d)pyrene	15,000	720	170

Notes:

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

(b) (6)

CV0156

	RML	Vacant Lot 11/28/2012	Vacant Lot 11/28/2012
Metals mg/kg *			
Arsenic	39	29.13	23.15
Barium	46,000	101.51	160.79
Cadmium	210	ND	ND
Chromium(III)	350,000	124.09	115.05
Lead	400	150.43	85.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	330	340
Benzo(a)pyrene	1,500	240	280
Benzo(b)fluoranthene	15,000	570	590
Benzo(k)fluoranthene	150,000	110	150
Chrysene	1,500,000	520	520
Dibenz(a,h)anthracene	1,500	75	82
Indeno(1,2,3-c,d)pyrene	15,000	160	170

Notes:

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

(b) (6)

CV0126

	RML	Front Yard 11/28/2012	Front Yard 11/28/2012	Side Yard 11/28/2012	Back Yard 41241
Metals mg/kg *					
Arsenic	39	11.19	NA	8.5	10.13
Barium	46,000	126.72	NA	ND	111.65
Cadmium	210	ND	NA	ND	ND
Chromium(III)	350,000	111.58	NA	128.45	124.04
Lead	400	93.44	NA	86.09	131.15
Mercury (elemental)	30	ND	NA	ND	8.23
Selenium	1,200	ND	NA	ND	ND
Silver	1,200	ND	NA	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	330	350	120	380
Benzo(a)pyrene	1,500	320	290	100	320
Benzo(b)fluoranthene	15,000	520	510	190	570
Benzo(k)fluoranthene	150,000	210	240	70	290
Chrysene	1,500,000	530	460	210	430
Dibenz(a,h)anthracene	1,500	120	110	46	88
Indeno(1,2,3-c,d)pyrene	15,000	290	230	88	200

Notes:

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

(b) (6)

CV0107

	RML	Front/Side Yard 11/13/2012	Back Yard 11/13/2012
Metals mg/kg *			
Arsenic	39	26.79	19.65
Barium	46,000	255.99	246.04
Cadmium	210	19.59	ND
Chromium(III)	350,000	127.82	115.82
Lead	400	299.46	204.34
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	137	82.5
Benzo(a)pyrene	1,500	120	69.8
Benzo(b)fluoranthene	15,000	188	112
Benzo(k)fluoranthene	150,000	65.6	42.7
Chrysene	1,500,000	157	91.1
Dibenz(a,h)anthracene	1,500	33.6	19.5
Indeno(1,2,3-c,d)pyrene	15,000	76.8	45.9

Notes:

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

(b) (6)

CV0099

	RML	Front/Side Yard 11/28/2012	Back Yard 11/28/2012	Front/Side Yard 11/28/2012	Back Yard 41241
Metals mg/kg *					
Arsenic	39	26.46	34.4	25	**47.16**
Barium	46,000	182.55	560	232.71	193.45
Cadmium	210	ND	3.8	ND	ND
Chromium(III)	350,000	137.58	181.74	133.14	170.55
Lead	400	352.2	**600 J**	308.73	**409.62**
Mercury (elemental)	30	ND	0.27	ND	ND
Selenium	1,200	ND	1.3 J	ND	ND
Silver	1,200	ND	0.46 J	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	260	130	790	640
Benzo(a)pyrene	1,500	250	130	640	470
Benzo(b)fluoranthene	15,000	400	250	1000	810
Benzo(k)fluoranthene	150,000	150	59	450	300
Chrysene	1,500,000	320	210	800	890
Dibenz(a,h)anthracene	1,500	65	37	150	140
Indeno(1,2,3-c,d)pyrene	15,000	130	78	390	270

Notes:

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

(b) (6)

CV0072

	RML	Front Yard 11/15/2012	Back Yard 11/15/2012
Metals mg/kg *			
Arsenic	39	**45.04**	33.08
Barium	46,000	113.69	269.49
Cadmium	210	ND	ND
Chromium(III)	350,000	152.76	131.39
Lead	400	**471.43**	268.55
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	140 J	163 J
Benzo(a)pyrene	1,500	79.7 J	84.1 J
Benzo(b)fluoranthene	15,000	165 J	174 J
Benzo(k)fluoranthene	150,000	57.7 J	45.4 J
Chrysene	1,500,000	148 J	167 J
Dibenz(a,h)anthracene	1,500	13.3 J	15.5 J
Indeno(1,2,3-c,d)pyrene	15,000	44.6 J	47.5 J

Notes:

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

(b) (6)

CV0043

	RML	S. 1/3 of parcel 11/14/2012	Middle 1/3 of parcel 11/14/2012	N. 1/3 of parcel 11/14/2012
Metals mg/kg *				
Arsenic	39	16.72	12.08	13.6
Barium	46,000	64.18	69.15	103
Cadmium	210	ND	ND	1.03
Chromium(III)	350,000	168.88	105.11	114.7
Lead	400	234.78	96.94	148
Mercury (elemental)	30	ND	ND	0.108
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	131	53.9	61.8
Benzo(a)pyrene	1,500	121	53.4	62.2
Benzo(b)fluoranthene	15,000	232	105	68.9
Benzo(k)fluoranthene	150,000	78.6 J	30.3 J	58.9
Chrysene	1,500,000	140	61.4	63.4
Dibenz(a,h)anthracene	1,500	26.8 J	7.4	22.1
Indeno(1,2,3-c,d)pyrene	15,000	74.8 J	30	44.5

Notes:

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

(b) (6)

CV0041

	RML	Front/Side Yard 11/14/2012	Back/Side Yard 11/14/2012
Metals mg/kg *			
Arsenic	39	15.98	24.13
Barium	46,000	155.4	218
Cadmium	210	ND	16.38
Chromium(III)	350,000	142.82	120.8
Lead	400	168.16	295
Mercury (elemental)	30	ND	0.137
Selenium	1,200	ND	7.72
Silver	1,200	ND	6.12
PAHs µg/kg			
Benz(a)anthracene	15,000	155	100
Benzo(a)pyrene	1,500	132	84
Benzo(b)fluoranthene	15,000	245	167
Benzo(k)fluoranthene	150,000	71.5 J	49.4 J
Chrysene	1,500,000	173	113
Dibenz(a,h)anthracene	1,500	25.1	16.3
Indeno(1,2,3-c,d)pyrene	15,000	71	50.8

Notes:

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

(b) (6)

CV0040

	RML	Front/Side Yard 11/13/2012	Back Yard 11/13/2012
Metals mg/kg *			
Arsenic	39	17.29	18.4
Barium	46,000	124.09	104.21
Cadmium	210	ND	ND
Chromium(III)	350,000	143.6	180.92
Lead	400	148.69	285.3
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	443	191
Benzo(a)pyrene	1,500	653 J	208
Benzo(b)fluoranthene	15,000	877 J	323
Benzo(k)fluoranthene	150,000	633 J	109
Chrysene	1,500,000	516 J	223
Dibenz(a,h)anthracene	1,500	305	60.3
Indeno(1,2,3-c,d)pyrene	15,000	620 J	140

Notes:

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