

FM0016
012200132002002000

		FM0016A-CS	FM0016B-GS
		Vacant Lot	Drainage
	RML	12/19/2012	12/19/2012
Metals mg/kg *			
Arsenic	39	15.24	19.13
Barium	46,000	ND	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	60.29	41.06
Lead	400	71.92	62.79
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	120	210
Benzo(a)pyrene	1,500	110	180
Benzo(b)fluoranthene	15,000	190	270
Benzo(k)fluoranthene	150,000	83 J	130
Chrysene	1,500,000	ND	330
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	96 J

Notes:

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

FM0025
012200123011013000

		FM0025A-CS-SP Front Yard 12/5/2012	FM0025B-CS Back Yard 12/5/2012	FM0025C-CS-SP Back Yard 12/5/2012
	RML			
Metals mg/kg *				
Arsenic	39	12.28	11.38	7.04
Barium	46,000	60.5	83.7	53.12
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	103.76	87.95	59.37
Lead	400	122.17	114.1	86
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	61	61	39
Benzo(a)pyrene	1,500	56	60	34
Benzo(b)fluoranthene	15,000	110	110	67
Benzo(k)fluoranthene	150,000	35	39	19
Chrysene	1,500,000	95	88	57
Dibenz(a,h)anthracene	1,500	23 J	16 J	10 J
Indeno(1,2,3-c,d)pyrene	15,000	51	44	24 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 hydrocarbons
- SP Split sample
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0025

		FM0025D-CS-SP Veg Garden 12/5/2012	FM0025E-CS Veg Garden 12/5/2012
	RML		
Metals mg/kg *			
Arsenic	39	ND	ND
Barium	46,000	ND	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	33.45	ND
Lead	400	11.42	7.85
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	10 J	13
Benzo(a)pyrene	1,500	8.5 J	ND
Benzo(b)fluoranthene	15,000	13 J	10 J
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	20	27
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND

Notes:

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

FM0075
012200123011008000

	RML	FM0075A-CS Front Yard 41246	FM0075B-CS Back Yard 41246
Metals mg/kg *			
Arsenic	39	28.25	64.69
Barium	46000	96	128.69
Cadmium	210	5.2	ND
Chromium(III)	350,000	126.53	116.18
Lead	400	2200	1651.03
Mercury (elemental)	30	0.1	ND
Selenium	1200	1.6 J	ND
Silver	1200	1.3	ND
PAHs µg/kg			
Benz(a)anthracene	15000	54	54
Benzo(a)pyrene	1500	39	38
Benzo(b)fluoranthene	15000	65	67
Benzo(k)fluoranthene	150000	16	18
Chrysene	1500000	50	59
Dibenz(a,h)anthracene	1500	13 J	16 J
Indeno(1,2,3-c,d)pyrene	15000	26	24

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

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

FM0080
012200123011003000

		FM0080A-CS-SP	FM0080B-CS-SP	FM0080C-CS-SP
		Front Yard	Back Yard	Back Yard
	RML	12/5/2012	12/5/2012	12/5/2012
Metals mg/kg *				
Arsenic	39	7.8	6.6	9.91
Barium	46,000	71	36.72	114.19
Cadmium	210	0.66	ND	ND
Chromium(III)	350,000	100.35	110.73	132.75
Lead	400	54	37.91	133.43
Mercury (elemental)	30	0.045	ND	ND
Selenium	1,200	1.3 J	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	87	60	80
Benzo(a)pyrene	1,500	62	51	63
Benzo(b)fluoranthene	15,000	98	79	88
Benzo(k)fluoranthene	150,000	34	25	54
Chrysene	1,500,000	80	86	96
Dibenz(a,h)anthracene	1,500	29	19 J	39
Indeno(1,2,3-c,d)pyrene	15,000	55	32	58

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

FM0104
012200124004005000

	RML	FM0104A-CS Front Yard 12/17/2012	FM0104B-CS Back Yard 12/17/2012	FM0104C-CS Back Yard 12/17/2012
Metals mg/kg *				
Arsenic	39	8.16	7.47	10.08
Barium	46,000	153.86	173.92	185.51
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	86.17	55.54	42.33
Lead	400	56.1	45.19	52.63
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	99	24	49
Benzo(a)pyrene	1,500	90	17	41
Benzo(b)fluoranthene	15,000	170	37	70
Benzo(k)fluoranthene	150,000	54	9.6 J	20
Chrysene	1,500,000	150	38	74
Dibenz(a,h)anthracene	1,500	23 J	11 J	8.9 J
Indeno(1,2,3-c,d)pyrene	15,000	51	14 J	28

Notes:

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

FM0104
012200124004005000

		FM0104D-CS Side Yard 12/17/2012	FM0104E-GS Drainage 12/17/2012
	RML		
Metals mg/kg *			
Arsenic	39	7.1	18.62
Barium	46,000	122.75	197.46
Cadmium	210	ND	ND
Chromium(III)	350,000	78.44	55.61
Lead	400	54.94	115.76
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	48	110
Benzo(a)pyrene	1,500	44	100
Benzo(b)fluoranthene	15,000	75	190
Benzo(k)fluoranthene	150,000	23	56
Chrysene	1,500,000	77	170
Dibenz(a,h)anthracene	1,500	11 J	26
Indeno(1,2,3-c,d)pyrene	15,000	27	61

Notes:

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

FM0140
012200123008051000

		FM0140A-CS-SP Front/Side Yard 12/18/2012	FM0140B-CS-SP Back Yard 12/18/2012
	RML		
Metals mg/kg *			
Arsenic	39	10.89	9.6
Barium	46,000	147.06	224.36
Cadmium	210	ND	0.87
Chromium(III)	350,000	114.25	98.01
Lead	400	99.61	102.49
Mercury (elemental)	30	ND	0.24 J
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	47 J	47 J
Benzo(a)pyrene	1,500	ND	ND
Benzo(b)fluoranthene	15,000	ND	ND
Benzo(k)fluoranthene	150,000	ND	ND
Chrysene	1,500,000	ND	ND
Dibenz(a,h)anthracene	1,500	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND

Notes:

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

FM0165
012200124002003000

	RML	FM0165A-CS School 12/5/2012	FM0165B-CS School 12/5/2012	FM0165C-CS School 12/5/2012	FM0165D-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	7.9	5.86	5.4	5.94
Barium	46,000	290.64	291.9	236.98	241.86
Cadmium	210	ND	ND	11.7	ND
Chromium(III)	350,000	64.85	55.4	77.51	56.6
Lead	400	13	15.52	13.76	14.59
Mercury (elemental)	30	0.015 J	ND	ND	10.34
Selenium	1,200	1.1 J	ND	ND	ND
Silver	1,200	7.9	ND	ND	10.81
PAHs µg/kg					
Benz(a)anthracene	15,000	13	13	20	26
Benzo(a)pyrene	1,500	ND	ND	9.2 J	17
Benzo(b)fluoranthene	15,000	8.7 J	8.1 J	16	24
Benzo(k)fluoranthene	150,000	5.4 J	ND	6.3 J	10
Chrysene	1,500,000	7.7 J	7.6 J	12	24
Dibenz(a,h)anthracene	1,500	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	15,000	ND	ND	ND	ND

Notes:

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

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

FM0165
012200124002003000

	RML	FM0165E-CS School 12/5/2012	FM0165F-CS School 12/5/2012	FM0165G-CS School 12/5/2012	FM0165H-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	7.7	9.97	5.18	13.41
Barium	46,000	517.9	339.27	262.12	271.78
Cadmium	210	ND	17.2	ND	ND
Chromium(III)	350,000	76.48	79.22	74.23	81.9
Lead	400	15.08	10.14	18.67	14.99
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	9
PAHs µg/kg					
Benz(a)anthracene	15,000	21	30,000	280	76
Benzo(a)pyrene	1,500	13	23,000	300	64
Benzo(b)fluoranthene	15,000	21	37,000	490	130
Benzo(k)fluoranthene	150,000	6.9 J	16,000	180	41
Chrysene	1,500,000	18	37,000	350	120
Dibenz(a,h)anthracene	1,500	5.8 J	3,200	49	14 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	11,000	150	35

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
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FM0165
012200124002003000

	RML	FM0165I-CS School 12/5/2012	FM0165J-CS School 12/5/2012	FM0165K-CS School 12/5/2012	FM0165L-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	15.88	11.85	10.92	10.06
Barium	46,000	249.27	63.07	195.23	98.56
Cadmium	210	26.63	ND	ND	ND
Chromium(III)	350,000	98.86	98.82	89.57	81.15
Lead	400	14.92	19.93	19.38	14.49
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	20.44	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	63	73	61	66
Benzo(a)pyrene	1,500	52	64	48	51
Benzo(b)fluoranthene	15,000	110	130	100	110
Benzo(k)fluoranthene	150,000	29	40	28	35
Chrysene	1,500,000	94	120	88	99
Dibenz(a,h)anthracene	1,500	14 J	15 J	11 J	14 J
Indeno(1,2,3-c,d)pyrene	15,000	28	34	26	30

Notes:

- CS Composite sample
- CSD Composite sample, duplicate
- EPA U.S. Environmental Protection Agency
- FM Fairmont Neighborhood
- GS Grab Sample
- J Estimated value
- µg/kg Micrograms per kilogram
- mg/kg Milligrams per kilogram
- NA Not analyzed
- ND Not detected
- RML EPA Regional Removal Management Levels, dated December 2012.
- PAH Polycyclic aromatic hydrocarbons
- XRF X-ray fluorescence
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Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	RML	FM0165M-CS School 12/5/2012	FM0165N-CS School 12/5/2012	FM0165O-CS School 12/5/2012	FM0165P-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	6.07	8.27	8.57	11.05
Barium	46,000	120.37	169.45	75.31	177.08
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	97.66	93.48	64.88	68.51
Lead	400	18.31	21.05	22.63	39.4
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	47	94	140	220
Benzo(a)pyrene	1,500	40	81	87	160
Benzo(b)fluoranthene	15,000	78	150	160	290
Benzo(k)fluoranthene	150,000	29	46	43	100
Chrysene	1,500,000	63	160	240	350
Dibenz(a,h)anthracene	1,500	9.5 J	27 J	51	69
Indeno(1,2,3-c,d)pyrene	15,000	23 J	65	57	110

Notes:

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

Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	RML	FM0165Q-CS School 12/5/2012	FM0165R-CS School 12/5/2012	FM0165S-CS School 12/5/2012	FM0165T-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	9.17	10.67	7.04	8.85
Barium	46,000	216.18	132.11	109.43	ND
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	95.47	92.23	120.77	104.14
Lead	400	34.68	23.43	18.65	17.63
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	320	260	61	130
Benzo(a)pyrene	1,500	230	170	43	100 J
Benzo(b)fluoranthene	15,000	400	330	93	190
Benzo(k)fluoranthene	150,000	150	89	30	47
Chrysene	1,500,000	570	420	98	210
Dibenz(a,h)anthracene	1,500	94	79	17 J	59
Indeno(1,2,3-c,d)pyrene	15,000	180	100	27	68

Notes:

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

Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	RML	FM0165U-CS School 12/5/2012	FM0165V-CS School 12/5/2012	FM0165V-CSD School 12/5/2012	FM0165W-CS School 12/5/2012
Metals mg/kg *					
Arsenic	39	7.54	9.75	NA	6.71
Barium	46,000	ND	86.68	NA	233.71
Cadmium	210	ND	ND	NA	ND
Chromium(III)	350,000	102.04	85.42	NA	108.28
Lead	400	50.79	37.64	NA	36.65
Mercury (elemental)	30	ND	ND	NA	ND
Selenium	1,200	ND	ND	NA	ND
Silver	1,200	ND	ND	NA	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	150	91	83	100
Benzo(a)pyrene	1,500	110	57	64	60 J
Benzo(b)fluoranthene	15,000	190	110	98	120
Benzo(k)fluoranthene	150,000	63	33	41	40 J
Chrysene	1,500,000	180	62 J	110 J	110
Dibenz(a,h)anthracene	1,500	33	34	27 J	29
Indeno(1,2,3-c,d)pyrene	15,000	100	42	30	50

Notes:

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

Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	RML	FM0165W-CSD School 12/5/2012	FM0165X-CS School 12/5/2012	FM0165Y-CS School 12/5/2012	FM0165Y-CSD School 12/5/2012
Metals mg/kg *					
Arsenic	39	NA	11.38	9.51	NA
Barium	46,000	NA	44	ND	NA
Cadmium	210	NA	ND	ND	NA
Chromium(III)	350,000	NA	71.62	54.33	NA
Lead	400	NA	42.85	26.53	NA
Mercury (elemental)	30	NA	ND	ND	NA
Selenium	1,200	NA	ND	ND	NA
Silver	1,200	NA	ND	ND	NA
PAHs µg/kg					
Benz(a)anthracene	15,000	120	450	150 J	87 J
Benzo(a)pyrene	1,500	96 J	450	120 J	69 J
Benzo(b)fluoranthene	15,000	170	660	170	130
Benzo(k)fluoranthene	150,000	65 J	320	110 J	27 J
Chrysene	1,500,000	170	620	220	160
Dibenz(a,h)anthracene	1,500	49	120	55	42
Indeno(1,2,3-c,d)pyrene	15,000	87	360	110	64

Notes:

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

Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	RML	FM0165Z-CS School 12/5/2012	FM0165AA-CS School 12/5/2012	FM0165BB-CS School 12/5/2012	FM0165HH-CS School 12/6/2012
Metals mg/kg *					
Arsenic	39	5.43	7.13	8.1	12
Barium	46,000	ND	167.95	229.02	110.02
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	54.39	97.23	79.18	90.43
Lead	400	24.59	16.78	41.27	61.64
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	220	110	270	600
Benzo(a)pyrene	1,500	160	70	230	700
Benzo(b)fluoranthene	15,000	280	130	380	1100
Benzo(k)fluoranthene	150,000	75	37	130	440
Chrysene	1,500,000	330	140	320	770
Dibenz(a,h)anthracene	1,500	76	31	81	140
Indeno(1,2,3-c,d)pyrene	15,000	130	53	190	450

Notes:

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

Shaded values are above the EPA RMLs, dated December 2012

FM0165
012200124002003000

	FM0165CC-CS School 12/6/2012	FM0165DD-CS School 12/6/2012	FM0165EE-CS School 12/6/2012	FM0165FF-CS School 12/6/2012	FM0165GG-CS School 12/6/2012
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RML

Metals mg/kg *						
Arsenic	39	9.75	4.81	7.2	7.02	7.67
Barium	46,000	110.08	ND	55.19	57.06	232.06
Cadmium	210	ND	ND	ND	ND	12.82
Chromium(III)	350,000	100.32	66.38	75.82	106.61	113.35
Lead	400	41.41	24.47	25.55	36.52	34.3
Mercury (elemental)	30	ND	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	450	250	200	210	160
Benzo(a)pyrene	1,500	510	220	180	190	150
Benzo(b)fluoranthene	15,000	900	370	340	330	260
Benzo(k)fluoranthene	150,000	240	150	90	89	71
Chrysene	1,500,000	600	350	320	260	200
Dibenz(a,h)anthracene	1,500	100	61	46	41	39
Indeno(1,2,3-c,d)pyrene	15,000	280	110	110	110	87
PCBs µg/kg						
PCB-1016	12,000	ND	ND	ND	ND	ND
PCB-1221	14,000	ND	ND	ND	ND	ND
PCB-1232	14,000	ND	ND	ND	ND	ND
PCB-1242	22,000	ND	ND	ND	ND	ND
PCB-1248	22,000	ND	ND	ND	ND	ND
PCB-1254	3,400	ND	ND	ND	ND	ND
PCB-1260	22,000	ND	ND	ND	ND	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 hydrocarbons
 - PCB Polychlorinated biphenyls
 - 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

FM0165
012200124002003000

	RML	FM0165II-CS School 12/6/2012	FM0165JJ-CS School 12/6/2012	FM0165KK-CS School 12/6/2012	FM0165LL-GS School 12/6/2012
Metals mg/kg *					
Arsenic	39	9.41	10.64	9.53	6.02
Barium	46,000	80.16	345.06	283.58	113.13
Cadmium	210	ND	ND	ND	ND
Chromium(III)	350,000	76.7	111.74	126.64	113.35
Lead	400	33.59	32.53	21.87	14.5
Mercury (elemental)	30	ND	ND	ND	ND
Selenium	1,200	ND	ND	ND	ND
Silver	1,200	ND	ND	9.56	ND
PAHs µg/kg					
Benz(a)anthracene	15,000	5,300	750	560	1800
Benzo(a)pyrene	1,500	6,000	600	460	1300
Benzo(b)fluoranthene	15,000	8,500	890	890	1800
Benzo(k)fluoranthene	150,000	4,200	370	390	990
Chrysene	1,500,000	5,200	780	640	1900
Dibenz(a,h)anthracene	1,500	1,400	160	170	460
Indeno(1,2,3-c,d)pyrene	15,000	4,000	210	260	620

Notes:

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

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

FM0165
012200124002003000

	RML	FM0165MM-GS School 12/6/2012	FM0165NN-GS School 12/6/2012	FM0165OO-GS School 12/6/2012
Metals mg/kg *				
Arsenic	39	10.27	9.2	8.54
Barium	46,000	146.45	396.4	209.16
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	100.8	62.52	95.57
Lead	400	30.03	19.3	37.8
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	1.4	ND
Silver	1,200	ND	ND	6.85
PAHs µg/kg				
Benz(a)anthracene	15,000	4,000	2,200	120
Benzo(a)pyrene	1,500	3,300	1,500	81
Benzo(b)fluoranthene	15,000	4,900	2,600	150
Benzo(k)fluoranthene	150,000	2,100	1,400	52
Chrysene	1,500,000	4,300	2,600	140
Dibenz(a,h)anthracene	1,500	1,400	580	54
Indeno(1,2,3-c,d)pyrene	15,000	2,100	840	59

Notes:

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

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

FM0196
012200123008006000

	RML	FM0196A-CS Vacant Lot 12/6/2012	FM0196B-CS Vacant Lot 12/6/2012	FM0196C-CS Vacant Lot 12/6/2012
Metals mg/kg *				
Arsenic	39	12.82	21.26	15.74
Barium	46,000	125.23	114.83	147.24
Cadmium	210	ND	ND	ND
Chromium(III)	350,000	40.13	61.5	71.85
Lead	400	102.97	135.51	73.65
Mercury (elemental)	30	ND	ND	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	120	610	190
Benzo(a)pyrene	1,500	85	430	160
Benzo(b)fluoranthene	15,000	160	720	270
Benzo(k)fluoranthene	150,000	68	240	150
Chrysene	1,500,000	160	420	220
Dibenz(a,h)anthracene	1,500	45	210	40
Indeno(1,2,3-c,d)pyrene	15,000	57	280	84

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

FM0199
012200123007030000

		FM0199A-CS-SP Front yard 12/13/2012	FM0199B-CS-SP Side yard 12/13/2012
	RML		
Metals mg/kg *			
Arsenic	39	33.79	21.18
Barium	46,000	154.97	ND
Cadmium	210	1.4	ND
Chromium(III)	350,000	99.86	74.57
Lead	400	224.21	179.7
Mercury (elemental)	30	0.11	ND
Selenium	1,200	2 J	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	730	ND
Benzo(a)pyrene	1,500	550	ND
Benzo(b)fluoranthene	15,000	870	ND
Benzo(k)fluoranthene	150,000	270	ND
Chrysene	1,500,000	700	ND
Dibenz(a,h)anthracene	1,500	320	ND
Indeno(1,2,3-c,d)pyrene	15,000	440	ND

Notes:

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

FM0204
012200123007032000

	RML	FM0204A-CS Vacant Lot 12/4/2012	FM0204B-CS Vacant Lot 12/4/2012
Metals mg/kg *			
Arsenic	39	22.43	19.76
Barium	46,000	ND	168.35
Cadmium	210	ND	ND
Chromium(III)	350,000	51.22	88.16
Lead	400	31.36	35.07
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	220	150
Benzo(a)pyrene	1,500	180	130
Benzo(b)fluoranthene	15,000	220	200
Benzo(k)fluoranthene	150,000	92	73
Chrysene	1,500,000	180	160
Dibenz(a,h)anthracene	1,500	23 J	27
Indeno(1,2,3-c,d)pyrene	15,000	68 J	73

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

FM0211
012200123007011000

	RML	FM0211A-CS Vacant Lot 12/4/2012	FM0211A-CSD Vacant Lot 12/4/2012	FM0211B-GS Drainage 12/4/2012
Metals mg/kg *				
Arsenic	39	8.97	NA	12.45
Barium	46,000	266.82	NA	434.99
Cadmium	210	ND	NA	ND
Chromium(III)	350,000	125.98	NA	100.92
Lead	400	18.7	NA	13.23
Mercury (elemental)	30	ND	NA	9.81
Selenium	1,200	ND	NA	ND
Silver	1,200	ND	NA	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	120	140	36
Benzo(a)pyrene	1,500	93	140	31
Benzo(b)fluoranthene	15,000	130 J	230 J	52
Benzo(k)fluoranthene	150,000	72	83	21
Chrysene	1,500,000	110	150	40
Dibenz(a,h)anthracene	1,500	18 J	31	6.8 J
Indeno(1,2,3-c,d)pyrene	15,000	60	92	22 J

Notes:

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

FM0218
012200123007007000

FM0218A-CS Vacant Lot 12/4/2012

	RML	
Metals mg/kg *		
Arsenic	39	7.54
Barium	46,000	35.74
Cadmium	210	ND
Chromium(III)	350,000	81.51
Lead	400	47.69
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	240
Benzo(a)pyrene	1,500	240
Benzo(b)fluoranthene	15,000	430
Benzo(k)fluoranthene	150,000	130
Chrysene	1,500,000	290
Dibenz(a,h)anthracene	1,500	50
Indeno(1,2,3-c,d)pyrene	15,000	150

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

FM0220
012200123007005000

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

Notes:

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

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

FM0222
012200123007003000

FM0222A-CS Vacant Lot 12/4/2012

	RML	
Metals mg/kg *		
Arsenic	39	16.71
Barium	46,000	73.69
Cadmium	210	ND
Chromium(III)	350,000	57.78
Lead	400	126.01
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	190
Benzo(a)pyrene	1,500	190
Benzo(b)fluoranthene	15,000	370
Benzo(k)fluoranthene	150,000	110
Chrysene	1,500,000	260
Dibenz(a,h)anthracene	1,500	43
Indeno(1,2,3-c,d)pyrene	15,000	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 hydrocarbons
- XRF X-ray fluorescence
- * Value reported is the highest concentration of the sieved and unsieved XRF and laboratory results

FM0240
012200123008038000

	RML	FM0240A-CS Vacant Lot 12/4/2012	FM0240B-CS Vacant Lot 12/4/2012	FM0240C-CS Vacant Lot 12/4/2012
Metals mg/kg *				
Arsenic	39	10.67	27	9.38
Barium	46,000	119.7	128.56	130.3
Cadmium	210	ND	0.85	ND
Chromium(III)	350,000	86.24	108.25	101.62
Lead	400	53.37	70.06	38.52
Mercury (elemental)	30	ND	0.089	ND
Selenium	1,200	ND	ND	ND
Silver	1,200	ND	ND	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	120	110	210
Benzo(a)pyrene	1,500	77	67	180
Benzo(b)fluoranthene	15,000	130	180	270
Benzo(k)fluoranthene	150,000	56	45	120
Chrysene	1,500,000	120	160	190
Dibenz(a,h)anthracene	1,500	23	39	43
Indeno(1,2,3-c,d)pyrene	15,000	47	51	140

Notes:

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

FM0242
012200123008036000

	RML	FM0242A-CS Vacant Lot 12/4/2012	FM0242B-CS Vacant Lot 12/4/2012
Metals mg/kg *			
Arsenic	39	10.89	11.6
Barium	46,000	102.92	68.48
Cadmium	210	ND	ND
Chromium(III)	350,000	107.17	92.22
Lead	400	30.11	28.88
Mercury (elemental)	30	ND	ND
Selenium	1,200	3.26	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	390	180
Benzo(a)pyrene	1,500	320	81
Benzo(b)fluoranthene	15,000	480	180
Benzo(k)fluoranthene	150,000	210	87
Chrysene	1,500,000	370	140
Dibenz(a,h)anthracene	1,500	87	31 J
Indeno(1,2,3-c,d)pyrene	15,000	200	99

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

FM0250
012200123004067000

FM0250A-CS Vacant Lot 12/4/2012

	RML	
Metals mg/kg *		
Arsenic	39	9.1
Barium	46,000	101.72
Cadmium	210	ND
Chromium(III)	350,000	87.11
Lead	400	21.81
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	62
Benzo(a)pyrene	1,500	57
Benzo(b)fluoranthene	15,000	82
Benzo(k)fluoranthene	150,000	38
Chrysene	1,500,000	86
Dibenz(a,h)anthracene	1,500	25
Indeno(1,2,3-c,d)pyrene	15,000	42

Notes:

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

FM0251
012200123008015000

	RML	FM0251A-CS Front yard 12/14/2012	FM0251B-CS Veg garden 12/14/2012	FM0251C-CS Back yard 12/14/2012
Metals mg/kg *				
Arsenic	39	12.42	16	29.47
Barium	46,000	173.45	370	142.76
Cadmium	210	ND	8	ND
Chromium(III)	350,000	76.27	97.92	122.11
Lead	400	55.4	440	390.06
Mercury (elemental)	30	ND	0.39	ND
Selenium	1,200	ND	2.3 J	ND
Silver	1,200	ND	1.2 J	ND
PAHs µg/kg				
Benz(a)anthracene	15,000	950	740	290
Benzo(a)pyrene	1,500	780	790	310
Benzo(b)fluoranthene	15,000	1,500	1,400	510
Benzo(k)fluoranthene	150,000	850	600	150
Chrysene	1,500,000	1,000	980	380
Dibenz(a,h)anthracene	1,500	ND	120	ND
Indeno(1,2,3-c,d)pyrene	15,000	200	180	130

Notes:

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

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

FM0257
012200123004068000

FM0257A-CS Vacant Lot 12/4/2012

	RML	
Metals mg/kg *		
Arsenic	39	56.22
Barium	46,000	168.65
Cadmium	210	0.31 J
Chromium(III)	350,000	420.52
Mercury (elemental)	30	0.041
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	51
Benzo(a)pyrene	1,500	40
Benzo(b)fluoranthene	15,000	64
Benzo(k)fluoranthene	150,000	25
Chrysene	1,500,000	54
Dibenz(a,h)anthracene	1,500	12 J
Indeno(1,2,3-c,d)pyrene	15,000	32

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

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

FM0266
012200132005004000

	RML	FM0266A-CS Front Yard 12/17/2012	FM0266B-CS Side Yard 12/17/2012	FM0266C-CS Back Yard 12/17/2012	FM0266D-CS Back Yard 12/17/2012	FM0266E-CS Side Yard 12/17/2012
Metals mg/kg *						
Arsenic	39	28 J	13.15	17.94	13.07	18.93
Barium	46,000	187.21	212.55	159.15	86.49	78.3
Cadmium	210	1.3	0.76	ND	ND	ND
Chromium(III)	350,000	184.2	60.93	59.44	56.42	63.85
Lead	400	390	110 J	96.19	112.94	111.25
Mercury (elemental)	30	0.2 J	0.45 J	ND	ND	ND
Selenium	1,200	3	0.75 J	ND	ND	ND
Silver	1,200	ND	ND	ND	ND	ND
PAHs µg/kg						
Benz(a)anthracene	15,000	300	330	240	63	800
Benzo(a)pyrene	1,500	250	270	280	61	780
Benzo(b)fluoranthene	15,000	420	440	410	95	1,200
Benzo(k)fluoranthene	150,000	140	140	150	32	380
Chrysene	1,500,000	330	360	300	76	820
Dibenz(a,h)anthracene	1,500	57 J	69 J	54	14 J	160
Indeno(1,2,3-c,d)pyrene	15,000	150	160	160	32	640

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

FM0271
012200132005001000

	RML	FM0271A-CS Front yard 12/11/2012	FM0271B-CS Back yard 12/11/2012
Metals mg/kg *			
Arsenic	39	10.12	13.33
Barium	46,000	89.1	126.39
Cadmium	210	ND	ND
Chromium(III)	350,000	85.92	81.72
Lead	400	91.04	101.48
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	570 J	43
Benzo(a)pyrene	1,500	850	52
Benzo(b)fluoranthene	15,000	1100	98
Benzo(k)fluoranthene	150,000	420 J	32
Chrysene	1,500,000	700	65
Dibenz(a,h)anthracene	1,500	150 J	11 J
Indeno(1,2,3-c,d)pyrene	15,000	650	36

Notes:

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

FM0274
012200132006009000

	FM0274A-CS-SP East Half 12/17/2012	FM0274B-CS-SP West Half 12/17/2012
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	RML		
Metals mg/kg *			
Arsenic	39	11.47	8.07
Barium	46,000	108.65	ND
Cadmium	210	ND	ND
Chromium(III)	350,000	52.56	50.36
Lead	400	71.91	75.6
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	65	42
Benzo(a)pyrene	1,500	56	39
Benzo(b)fluoranthene	15,000	96	66
Benzo(k)fluoranthene	150,000	37	21
Chrysene	1,500,000	81	55
Dibenz(a,h)anthracene	1,500	14 J	9.5 J
Indeno(1,2,3-c,d)pyrene	15,000	48	31

Notes:

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

FM0298
012200123008048000

FM0298A-CS-SP Vacant Lot 12/18/2012

	RML	
Metals mg/kg *		
Arsenic	39	24.98
Barium	46,000	120.93
Cadmium	210	ND
Chromium(III)	350,000	53.74
Lead	400	62.41
Mercury (elemental)	30	ND
Selenium	1,200	ND
Silver	1,200	ND
PAHs µg/kg		
Benz(a)anthracene	15,000	130 J
Benzo(a)pyrene	1,500	ND
Benzo(b)fluoranthene	15,000	ND
Benzo(k)fluoranthene	150,000	ND
Chrysene	1,500,000	ND
Dibenz(a,h)anthracene	1,500	ND
Indeno(1,2,3-c,d)pyrene	15,000	57 J

Notes:

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

FM0310
012200123012010000

	RML	FM0310A-CS Front Yard 12/3/2012	FM0310B-CS Back Yard 12/3/2012
Metals mg/kg *			
Arsenic	39	8.64	6.57
Barium	46,000	163.42	153.37
Cadmium	210	ND	ND
Chromium(III)	350,000	109.92	137.2
Lead	400	66.41	62.43
Mercury (elemental)	30	ND	ND
Selenium	1,200	ND	ND
Silver	1,200	ND	ND
PAHs µg/kg			
Benz(a)anthracene	15,000	58	130
Benzo(a)pyrene	1,500	35	110
Benzo(b)fluoranthene	15,000	45	160
Benzo(k)fluoranthene	150,000	13	70
Chrysene	1,500,000	65	140
Dibenz(a,h)anthracene	1,500	17 J	48
Indeno(1,2,3-c,d)pyrene	15,000	27	91

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

FM0311
012200123012008000

	RML	FM0311A-CS-SP Front Yard 12/5/2012	FM0311B-CS-SP Back Yard 12/5/2012	FM0311C-CS-SP Back Yard 12/5/2012
Metals mg/kg *				
Arsenic	39	5.31	8.77	10.35
Barium	46,000	130.81	281.82	100.47
Cadmium	210	ND	19.15	ND
Chromium(III)	350,000	120.13	90.37	129.9
Lead	400	47.53	125.61	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	61	30	51
Benzo(a)pyrene	1,500	27 J	24	33
Benzo(b)fluoranthene	15,000	40 J	42	61
Benzo(k)fluoranthene	150,000	24 J	24	24
Chrysene	1,500,000	38 J	42	67
Dibenz(a,h)anthracene	1,500	ND	7.5 J	13 J
Indeno(1,2,3-c,d)pyrene	15,000	ND	18 J	29

Notes:

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