

**Validated Analytical Results for Polyaromatic Hydrocarbons by Selective Ion Monitoring  
East Avenue Study Area  
October, 2024**

PAH by SIM		Sample Number:	EA0001-EY	EA0002-EY	EA0002-GB	EA0003-EY	EA0003-GB	EA0004-EY	EA0004-GB	EA0005-EY	EA0005-GB	EA0006-EY	EA0006-GB											
		Sampling Location:	1	2	2	3	3	4	4	5	5	6	6											
		Matrix:	Soil																					
		Units:	µg/kg																					
		Date Sampled:	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/30/2024	10/30/2024										
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q																		
1-Methylnaphthalene	18	550	20		5		4.3		8.4		8.4		28		7.4		6.2		6.3		16		13	
2-Methylnaphthalene	24,000	720,000	19		5.3		4.5		8.7		8.3		29		8.2		6.7		7.2		17		17	
Acenaphthene	360,000	11,000,000	27		4.9		3.6	J	2.5	J	4.9		34		4.9		8.9		1.9	J	13		3.1	J
Acenaphthylene	N/A	N/A	63		15		13		11		39		44		6.3		9.1		6		34		23	
Anthracene	1,800,000	54,000,000	120		33		31		29	J	150	J	93		25		41	J	14		240		50	J
Benzo(a)anthracene	1,100	110,000	510		70		57		100		510		340		66		140		49		420		130	
Benzo(a)pyrene	110	11,000	510		69		55		96		360		330		64		120		41		310		110	
Benzo(b)fluoranthene	1,100	110,000	890		66		78		140		480		460		91		170		56		430		160	
Benzo(g,h,i)perylene	N/A	N/A	350		50		56		56		200		210		46		80		24		170		75	
Benzo(k)fluoranthene	11,000	1,100,000	270		54		44		35		190		180		39		47		16		130		46	
Chrysene	110,000	11,000,000	540		84		67		110		430		390		78		130		46		340		130	
Dibenzo(a,h)anthracene	110	11,000	81		16	J	14	J	15		57		48		11		17		6.2		37		20	
Fluoranthene	240,000	7,200,000	1600	J	200	J	170		280	J	1600	J	2100	J	190		370	J	140	J	1300		330	J
Fluorene	240,000	7,200,000	35		6.9		6.7		3.6	J	10		39		5.9		7.5		3.1	J	34		7.5	
Indeno(1,2,3-cd)pyrene	1,100	110,000	310		62	J	52	J	52		200		190		44		75		24		170		67	
Naphthalene	2,000	200,000	14		4.1		3.8	J	5.5		6.1		24		6.5		4.9		5.5		16		14	
Pentachlorophenol	1,000	100,000	6.7	J	8	U	7.9	U	7.6	U	7.6	U	7.5	U	7.3	U	7.6	U	7.6	U	5.4	J	7.9	U
Phenanthrene	N/A	N/A	510		76		77		89		280		490		90		130		46		820		44	
Pyrene	180,000	5,400,000	1200		140		120		170		920		1500		140		220		90		810		200	

**NOTES:**  
µg/kg = Micrograms per kilogram  
EPA = U.S. Environmental Protection Agency  
EY = Entire Yard (Composite) Sample  
GB = Grab Sample  
HQ = Hazard quotient  
PAH by SIM = Polycyclic Aromatic Hydrocarbons by Selected Ion Monitoring Analysis  
RSL = Regional Screening Levels  
RML = Removal Management Levels  
N/A = Not applicable  
Q = Qualifier  
**Bolded results indicate detections**  
**Shaded results indicate exceedance of screening value with correlating shading**  
**Qualifiers**  
J = The result is an estimated quantity.  
U = The analyte was not detected above the quantitation limit.  
UJ = The analyte was not detected. Additionally, the quantitation limit is may be inaccurate or imprecise.

**Validated Analytical Results for Polyaromatic Hydrocarbons by Selective Ion Monitoring  
East Avenue Study Area  
October, 2024**

PAH by SIM		Sample Number:	EA0007-EY	EA0007-EY-DUP	EA0007-GB	EA0008-EY	EA0008-GB	EA0009-EY	EA0009-GB	EA0010-EY	EA0010-GB	EA0011-EY	EA0011-GB											
		Sampling Location:	7	7	7	8	8	9	9	10	10	11	11											
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil										
		Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg										
		Date Sampled:	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/29/2024	10/30/2024	10/30/2024											
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q										
1-Methylnaphthalene	18	550	7.1		8.4		5.9		14		3.5	J	8.9		5.2		12		12		11		6.1	
2-Methylnaphthalene	24,000	720,000	7.8		9.4		6.9		14		3.8	J	7.9		5.7		12		12		13		7.3	
Acenaphthene	360,000	11,000,000	3.1	J	3.7		7.1		14		3.9	U	19		5		23		12		16		4.1	U
Acenaphthylene	N/A	N/A	7.7		9.4		16		24		4.7		22		8		52		51		14		16	
Anthracene	1,800,000	54,000,000	19	J	24	J	54	J	43		8.5		53		30		130		89		92	J	50	
Benzo(a)anthracene	1,100	110,000	75		97		110		220		27		150		79		490		330		190		110	
Benzo(a)pyrene	110	11,000	71		89		110		220		27		140		71		450		300		140		88	
Benzo(b)fluoranthene	1,100	110,000	100		130		150		320		39		200		100		660		460		200		120	
Benzo(g,h,i)perylene	N/A	N/A	46		54		53		140		21		100		57		260		190		91		50	
Benzo(k)fluoranthene	11,000	1,100,000	34		36		37		110		13		78		50		250		170		57		37	
Chrysene	110,000	11,000,000	77		95		110		270		31		170		90		550		410		160		96	
Dibenzo(a,h)anthracene	110	11,000	11		13		14		41		4.9		34	J	14		66		58		22		14	
Fluoranthene	240,000	7,200,000	200	J	250	J	330		1100		73		450	J	230		2700		1100		450	J	230	J
Fluorene	240,000	7,200,000	6		5.1		11		16		2.1	J	22		6.3		34		30		20		9	
Indeno(1,2,3-cd)pyrene	1,100	110,000	43		51		52		130		17		84		53		250		180		84		51	
Naphthalene	2,000	200,000	5.8		6.5		7		12		3.1	J	6		4.4		9.1		13		11		7.9	
Pentachlorophenol	1,000	100,000	7.5	U	7.3	U	7.4	U	8	U	7.9	U	8.2	U	7.9	U	8.2	U	7.8	U	7.4	U	8.3	UJ
Phenanthrene	N/A	N/A	66		84		140		260		34		230		98		1300		710		250		100	
Pyrene	180,000	5,400,000	120		150		200		480		56		300		170		1900		780		270		160	

**NOTES:**

µg/kg = Micrograms per kilogram  
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PAH by SIM		Sample Number:	EA0012-EY	EA0012-GB	EA0013-EY	EA0013-GB	EA0014-GB	EA0015-EY	EA0015-GB	EA0015-GB-DUP	EA0016-EY	EA0016-GB	EA0017-GB			
		Sampling Location:	12	12	13	13	14	15	15	15	16	16	17			
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
		Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg		
		Date Sampled:	10/29/2024	10/29/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024			
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1-Methylnaphthalene	18	550	6.4	3.9 U	<b>36</b>	<b>10</b>	<b>34</b>	6.6	9	4.4	6.9	2.6 J	11			
2-Methylnaphthalene	24,000	720,000	<b>6.5</b>	1.4 J	<b>34</b>	<b>11</b>	<b>49</b>	6.5	8.1	4.2	7.3	2.8 J	10			
Acenaphthene	360,000	11,000,000	3.9	3.9 U	<b>120</b>	6	18	12	20	9.9	11	3.8	13			
Acenaphthylene	N/A	N/A	<b>9.2</b>	3.5 J	<b>66</b>	12	50	22	22	17	11	5.7	13			
Anthracene	1,800,000	54,000,000	24	4.7	490	43	170	69	65 J	68 U	54	18	61			
Benzo(a)anthracene	1,100	110,000	49	10	<b>2700</b>	97	360	250	240	160	170	53	140			
Benzo(a)pyrene	110	11,000	51	9.5	<b>2400</b>	94	<b>300</b>	<b>230</b>	<b>220</b>	<b>140</b>	<b>140</b>	47	<b>130</b>			
Benzo(b)fluoranthene	1,100	110,000	<b>86</b>	12	<b>3200</b>	140	400	330	310	210	180	62	180			
Benzo(g,h,i)perylene	N/A	N/A	44	8	1400	68	190	140	160	110	88	27	96			
Benzo(k)fluoranthene	11,000	1,100,000	32	4.2	650	48	130	100	110	55 J	57	18	56			
Chrysene	110,000	11,000,000	59	10	2600	100	360	260	260	180	160	50	150			
Dibenzo(a,h)anthracene	110	11,000	10	1.7 J	<b>210</b>	31	37	28	34	21	23	6.4	22			
Fluoranthene	240,000	7,200,000	120	25 J	<b>8100</b>	310 J	<b>1300</b>	970	800 J	530 J	450 J	140 J	460 J			
Fluorene	240,000	7,200,000	5	3.9 U	<b>120</b>	9.1	45	16	25	14	11	4.1	14			
Indeno(1,2,3-cd)pyrene	1,100	110,000	40	6.5	<b>1300</b>	58	170	130	130	86	81	25	76			
Naphthalene	2,000	200,000	4.5	3.9 U	<b>21</b>	6.5	41	5.5	6.1	3.5	6	2.8 J	6.8			
Pentachlorophenol	1,000	100,000	7.8 U	7.8 U	8.5 U	7.5 UJ	7.2 U	7.5 U	9 UJ	6.9 UJ	7.6 UJ	7.5 UJ	7.8 UJ			
Phenanthrene	N/A	N/A	66	11	<b>3100</b>	140	820	310	390	240	150	59	210			
Pyrene	180,000	5,400,000	95	17	<b>4900</b>	210	970	490	530	360	300	100	290			

**NOTES:**

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October, 2024**

PAH by SIM		Sample Number:	EA0018-EY	EA0018-GB	EA0019-EY	EA0019-GB	EA0020-EY	EA0020-GB	EA0021-EY	EA0021-GB	EA0022-EY	EA0022-GB								
		Sampling Location:	18	18	19	19	20	20	21	21	22	22								
		Matrix:	Soil	Soil																
		Units:	µg/kg	µg/kg																
		Date Sampled:	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/30/2024	10/31/2024	10/31/2024	10/30/2024	10/30/2024								
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q												
	1-Methylnaphthalene	18	550	11	4.3	7.9	11	4.6	2	J	4.6	4.1	8.5	9.6						
2-Methylnaphthalene	24,000	720,000	12	4.9	7.8	11	4.9	2.1	J	4.1	4.6	8.4	12							
Acenaphthene	360,000	11,000,000	11	3.7	U	13	4.9	6.5	3.7	U	9.4	7.4	8.4	15						
Acenaphthylene	N/A	N/A	15	11	18	22	19	11	9.5	8.1	16	14								
Anthracene	1,800,000	54,000,000	42	25	54	38	60	20	32	31	43	52								
Benzo(a)anthracene	1,100	110,000	140	67	220	110	140	54	210	76	160	140								
Benzo(a)pyrene	110	11,000	130	62	210	110	120	60	180	70	170	130								
Benzo(b)fluoranthene	1,100	110,000	170	88	310	150	160	70	260	91	250	190								
Benzo(g,h,i)perylene	N/A	N/A	89	44	150	83	81	33	130	52	130	100								
Benzo(k)fluoranthene	11,000	1,100,000	57	41	96	54	60	25	51	40	76	61								
Chrysene	110,000	11,000,000	140	69	240	120	130	57	210	74	180	160								
Dibenzo(a,h)anthracene	110	11,000	20	11	35	22	19	8.5	15	13	28	20								
Fluoranthene	240,000	7,200,000	420	J	170	J	730	J	350	J	410	J	160	J	320	J	520	J	500	J
Fluorene	240,000	7,200,000	12	4.6	15	12	10	3.2	J	8.7	7	10	19							
Indeno(1,2,3-cd)pyrene	1,100	110,000	77	42	120	65	72	33	110	56	110	77								
Naphthalene	2,000	200,000	9.4	4.3	6.5	9.7	3.7	J	1.8	J	3.5	J	5.5	5.7	25					
Pentachlorophenol	1,000	100,000	7.6	UJ	7.6	UJ	7.8	U	7.6	U	7.7	UJ	7.5	UJ	7.4	U	7.6	U	7.8	U
Phenanthrene	N/A	N/A	180	65	310	160	160	58	260	94	200	350								
Pyrene	180,000	5,400,000	270	130	480	220	260	110	370	130	350	340								

**NOTES:**

µg/kg = Micrograms per kilogram  
EPA = U.S. Environmental Protection Agency  
EY = Entire Yard (Composite) Sample  
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East Avenue Study Area  
October, 2024**

PAH by SIM		Sample Number:	EA0023-EY	EA0023-GB	EA0024-EY	EA0024-GB	EA0025-EY	EA0025-GB	EA0026-EY	EA0026-GB	EA0027-EY	EA0027-GB				
		Sampling Location:	23	23	24	24	25	25	26	26	27	27				
		Matrix:	Soil	Soil												
		Units:	µg/kg	µg/kg												
		Date Sampled:	10/31/2024	10/31/2024	10/30/2024	10/30/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024				
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q								
1-Methylnaphthalene	18	550	4.9	3.9	6.8	2.2 J	8.4	6	7.4	3.4 J	2.6 J	3.6 J				
2-Methylnaphthalene	24,000	720,000	5.1	4.1	6.2	2.4 J	9.3	6.8	8	3.7 J	3.1 J	3.8				
Acenaphthene	360,000	11,000,000	4.2	4.1	19	3.6 U	6.7	3.9	15	2.9 J	8.2	2.4 J				
Acenaphthylene	N/A	N/A	8.1	7.9	38	3.5 J	10	6.2	15	6	5.1	4.9				
Anthracene	1,800,000	54,000,000	23	28	220 J	6.8	31	17	120 J	16	52	13				
Benzo(a)anthracene	1,100	110,000	110	78	570	29	130	60	500	58	200	45				
Benzo(a)pyrene	110	11,000	110	67	530	26	140	66	470	52	180	39				
Benzo(b)fluoranthene	1,100	110,000	160	93	680	35	210	83	630	56	210	52				
Benzo(g,h,i)perylene	N/A	N/A	48	42	350	17	100	52	310	31	110	24				
Benzo(k)fluoranthene	11,000	1,100,000	33	26	210	11	43	31	180	20	47	16				
Chrysene	110,000	11,000,000	120	76	600	28	160	60	480	54	190	42				
Dibenzo(a,h)anthracene	110	11,000	11	10	45	3.8	15	14	36	7.1	15	5.9				
Fluoranthene	240,000	7,200,000	360	190 J	2100	70 J	470	140 J	770	140 J	590	120 J				
Fluorene	240,000	7,200,000	5.1	4.7	26	1.7 J	6.9	3.8	12	3.8 J	6.8	3.2 J				
Indeno(1,2,3-cd)pyrene	1,100	110,000	44	37	290	15	85	50	260	29	61	22				
Naphthalene	2,000	200,000	4	3 J	5.2	1.9 J	6.9	4.9	9.8	3.2 J	2.6 J	3.1 J				
Pentachlorophenol	1,000	100,000	7.4 UJ	7.4 U	7.8 UJ	7.3 U	7.3 UJ	7.1 U	8.3 UJ	8.4 U	7.6 UJ	7.5 U				
Phenanthrene	N/A	N/A	130	78	790	28	160	51	500	57	170	49				
Pyrene	180,000	5,400,000	220	120	1200	51	270	89	880	86	380	76				

**NOTES:**

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Analysis

RSL = Regional Screening Levels

RML = Removal Management Levels

N/A = Not applicable

Q = Qualifier

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PAH by SIM		Sample Number:	EA0028-EY	EA0028-GB	EA0029-EY	EA0029-GB	EA0029-GB-DUP	EA0030-EY	EA0031-EY	EA0031-GB	EA0032-EY	EA0032-GB										
		Sampling Location:	28	28	29	29	29	30	31	31	32	32										
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil									
		Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg									
		Date Sampled:	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024									
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q						
1-Methylnaphthalene	18	550	2.9	J	7.3		10		31		21		7.1		10		10		2.3	J	7.4	
2-Methylnaphthalene	24,000	720,000	2.8	J	8.1		15		31		21		7		10		12		2.5	J	9.8	
Acenaphthene	360,000	11,000,000	4.6		5.9		13		33		23		14		14		11		2.4	J	4.2	U
Acenaphthylene	N/A	N/A	11		5.9		17		46		33		19		23		19		8		5.5	
Anthracene	1,800,000	54,000,000	29		27		61		280		170		42	J	96	J	74	U	17		10	
Benzo(a)anthracene	1,100	110,000	140		57		360		1000		420		210		280		160		56		31	
Benzo(a)pyrene	110	11,000	140		50		340		600		310		220		270		130		48		27	
Benzo(b)fluoranthene	1,100	110,000	200		63		500		1100		430		310		360		180		62		35	
Benzo(g,h,i)perylene	N/A	N/A	54		29		240		350		210		150		190		91		27		17	
Benzo(k)fluoranthene	11,000	1,100,000	39		20		150		260		140		84		110		59	J	18		10	
Chrysene	110,000	11,000,000	160		54		400		920		350		230		310		150		52		29	
Dibenzo(a,h)anthracene	110	11,000	13		6.7		25		85		52		24		25		21		6.8		4.2	
Fluoranthene	240,000	7,200,000	480		170	J	650		2600	J	1100	J	710		990		480	J	240		79	J
Fluorene	240,000	7,200,000	6.1		8.2		14		49		38		13		18		14		3.4	J	2.7	J
Indeno(1,2,3-cd)pyrene	1,100	110,000	52		27		190		330		190		120		160		75		26		16	
Naphthalene	2,000	200,000	2.4	J	9.2		8.7		20		15		7.1		7.3		8.1		2.3	J	7.9	
Pentachlorophenol	1,000	100,000	8.1	UJ	8.2	U	8	UJ	7.9	U	8	U	8.1	U	7.3	UJ	7.5	U	8.4	UJ	8.5	U
Phenanthrene	N/A	N/A	160		95		550		1100		510		270		410		220		48		31	
Pyrene	180,000	5,400,000	290		100		770		1600		630		470		610		290		150		51	

**NOTES:**

µg/kg = Micrograms per kilogram

EPA = U.S. Environmental Protection Agency

EY = Entire Yard (Composite) Sample

GB = Grab Sample

HQ = Hazard quotient

PAH by SIM = Polycyclic Aromatic Hydrocarbons by Selected Ion Monitoring

Analysis

RSL = Regional Screening Levels

RML = Removal Management Levels

N/A = Not applicable

Q = Qualifier

**Bolded results indicate detections**

**Shaded results indicate exceedance of screening value with correlating shading**

**Qualifiers**

J = The result is an estimated quantity.

U = The analyte was not detected above the quantitation limit.

UJ = The analyte was not detected. Additionally, the quantitation limit is may be inaccurate or imprecise.

**Validated Analytical Results for Polyaromatic Hydrocarbons by Selective Ion Monitoring  
East Avenue Study Area  
October, 2024**

PAH by SIM		Sample Number:	EA0033-EY	EA0033-GB	EA0034-EY	EA0034-EY-DUP	EA0034-GB	EA0035-EY	EA0035-GB	EA0036-EY	EA0036-GB	EA0037-EY	EA0037-GB									
		Sampling Location:	33	33	34	34	34	35	35	36	36	37	37									
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil								
		Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg								
		Date Sampled:	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024									
Parameter	EPA RSL Residential Soil HQ = 0.1 (µg/kg)	EPA RML Residential Soil HQ = 3.0 (µg/kg)	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q								
1-Methylnaphthalene	18	550	11	18	10	5.4	2.3	J	5.8	3.9	U	9	3.8	U	6.7	12						
2-Methylnaphthalene	24,000	720,000	12	20	10	5.2	2.2	J	6	3.9	U	9.4	3.8	U	6.1	12						
Acenaphthene	360,000	11,000,000	13	13	8.7	6	1.8	J	7.2	3.9	U	7.6	3.8	U	15	12						
Acenaphthylene	N/A	N/A	33	45	29	15	12		19	4.5		16	2.6	J	21	31						
Anthracene	1,800,000	54,000,000	53	69	J	44	J		42	18		45	6.4		41	J	6.4	160	56	J		
Benzo(a)anthracene	1,100	110,000	200	270	170	120	56		150	21		150	26		240	200						
Benzo(a)pyrene	110	11,000	200	310	170	110	49		150	18		140	22		200	190						
Benzo(b)fluoranthene	1,100	110,000	260	450	260	140	68		200	24		210	30		240	270						
Benzo(g,h,i)perylene	N/A	N/A	150	240	120	72	29		110	12		110	14		150	150						
Benzo(k)fluoranthene	11,000	1,100,000	78	J	130	100	48		21	62	8.4	69	9.9		90	91						
Chrysene	110,000	11,000,000	220	290	190	120	50		190	22		160	25		220	220						
Dibenzo(a,h)anthracene	110	11,000	30	59	24	19	7.2		20	2.7	J	20	3.3	J	32	32						
Fluoranthene	240,000	7,200,000	610	740	J	520	350	J	110	J		300	63	J	500	74	J	610	J	720	J	
Fluorene	240,000	7,200,000	17	19	12	7.3	3.7		10	2.2	J	10	1.7	J	16	23						
Indeno(1,2,3-cd)pyrene	1,100	110,000	120	200	95	64	28		86	11		81	13		110	120						
Naphthalene	2,000	200,000	11	15	7.7	3.9	1.8	J	5.6	3.9	U	6.4	3.8	U	7	14						
Pentachlorophenol	1,000	100,000	8	U	7.8	U	7.7	U	7.2	U	8.1	U	8	U	7.7	U	7.8	U	8	U	7.6	U
Phenanthrene	N/A	N/A	140		250	170	120		48	170	25	200	30		260	380						
Pyrene	180,000	5,400,000	380	480	350	210	93		330	37		300	46		390	440						

**NOTES:**

µg/kg = Micrograms per kilogram  
EPA = U.S. Environmental Protection Agency  
EY = Entire Yard (Composite) Sample  
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HQ = Hazard quotient  
PAH by SIM = Polycyclic Aromatic Hydrocarbons by Selected Ion Monitoring Analysis  
RSL = Regional Screening Levels  
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N/A = Not applicable  
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