

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-101	SB-101	SB-102	SB-102	SB-103	SB-103	SB-104	SB-104	
Sample ID	Non-Residential		Residential		S-122004-DS-101	S-122004-DS-102	S-122004-DS-103	S-122004-DS-104	S-122004-DS-105	S-122004-DS-106	S-122004-DS-107	S-122004-DS-108	
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	
Sample Depth					(8-10) ft BGS	(12-14) ft BGS	(8-10) ft BGS	(12-14) ft BGS	(8-10) ft BGS	(12-14) ft BGS	(8-10) ft BGS	(12-14) ft BGS	
Sample Type	Units	a	b	c	d								
Total Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--	
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--	
Semivolatile Organic Compounds													
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	--	--	--	--	--	--	
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	--	--	--	--	--	--	
Anthracene	mg/kg	13	13	13	13	--	--	--	--	--	--	--	
Benzo(a)anthracene	mg/kg	26	35	12	10	--	--	--	--	--	--	--	
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	--	--	--	--	--	--	
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	--	--	--	--	--	--	
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	--	--	--	--	--	--	
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	--	--	--	--	--	--	
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	--	--	--	--	--	--	
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	--	--	--	--	--	--	
Dibenzofuran	mg/kg	1351	86.5	252	27	--	--	--	--	--	--	--	
Fluoranthene	mg/kg	220	220	220	220	--	--	--	--	--	--	--	
Fluorene	mg/kg	270	270	270	200	--	--	--	--	--	--	--	
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	--	--	--	--	--	--	
Naphthalene	mg/kg	325	3.52	104	1.05	--	--	--	--	--	--	--	
Phenanthrene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	
Pyrene	mg/kg	140	140	140	140	--	--	--	--	--	--	--	
Volatile Organic Compounds													
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.0063)	ND(610)	ND(5.8)	ND(130)	ND(0.0057)	ND(0.3)UJ	ND(32)	ND(620)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.025)	ND(2400)	ND(23)	ND(510)	0.0025 J	ND(1.2)UJ	ND(130)	ND(2500)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	0.009 J	1700 J ^{bcd}	ND(23)	ND(510)	ND(0.023)	ND(1.2)UJ	ND(130)	ND(2500)
Acetone	mg/kg	6200	3.8	1700	1.1	0.015 J	ND(2400)	ND(23)	ND(510)	0.016 J	ND(1.2)UJ	ND(130)	280 J ^{bd}
Benzene	mg/kg	17	0.08	9.8	0.08	0.024	ND(610)	0.27 J ^{bd}	7.9 J ^{bd}	0.00056 J	0.086 J ^{bd}	ND(32)	ND(620)
Ethylbenzene	mg/kg	650	55	650	55	0.0057 J	2100 ^{abcd}	13	2000 ^{abcd}	0.0022 J	0.13 J	540 ^{bd}	4800 ^{abcd}
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(0.0063)	ND(610)	ND(5.8)	ND(130)	ND(0.0057)	ND(0.3)UJ	ND(32)	ND(620)
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.0063)	ND(610)	ND(5.8)	ND(130)	ND(0.0057)	ND(0.3)UJ	ND(32)	ND(620)
Toluene	mg/kg	1000	40	930	40	0.0059 J	18000 ^{abcd}	ND(5.8)	4100 ^{abcd}	0.0017 J	0.43 J	630 ^{bd}	21000 ^{abcd}
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.0063)	ND(610)	ND(5.8)	ND(130)	ND(0.0057)	ND(0.3)UJ	ND(32)	ND(620)
Xylene (total)	mg/kg	700	700	700	700	0.011 J	12000 ^{abcd}	250	10000 ^{abcd}	0.0018 J	4.3 J	3200 ^{abcd}	24000 ^{abcd}

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2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-105	SB-105	SB-106	SB-106	SB-107	SB-107	SB-108	SB-109
Sample ID	Non-Residential		Residential		S-122004-DS-109	S-122004-DS-110	S-122004-DS-111	S-122004-DS-112	S-122004-DS-113	S-122004-DS-114	S-122004-DS-115	S-122004-DS-116
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004	12/20/2004
Sample Depth					(8-10) ft BGS	(12-14) ft BGS	(8-10) ft BGS	(12-14) ft BGS	(8-10) ft BGS	(12-14) ft BGS	(10-12) ft BGS	(10-12) ft BGS
Sample Type	Units	a	b	c	d							
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	--	--	--	--	ND(0.39)	ND(0.45)
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	--	--	--	--	ND(0.39)	ND(0.45)
Anthracene	mg/kg	13	13	13	13	--	--	--	--	--	ND(0.39)	ND(0.45)
Benzo(a)anthracene	mg/kg	26	35	12	10	--	--	--	--	--	ND(0.39)	ND(0.45)
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	--	--	--	--	ND(0.39)	ND(0.45)
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	--	--	--	--	ND(0.39)	ND(0.45)
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	ND(0.39)	ND(0.45)
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	--	--	--	--	ND(0.39)	ND(0.45)
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	--	--	--	--	ND(0.39)	ND(0.45)
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	ND(0.39)	ND(0.45)
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	--	--	--	--	ND(0.39)	ND(0.45)
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	--	--	--	--	ND(0.39)	ND(0.45)
Dibenzofuran	mg/kg	1351	86.5	252	27	--	--	--	--	--	ND(0.39)	ND(0.45)
Fluoranthene	mg/kg	220	220	220	220	--	--	--	--	--	ND(0.39)	ND(0.45)
Fluorene	mg/kg	270	270	270	200	--	--	--	--	--	ND(0.39)	ND(0.45)
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	--	--	--	--	ND(0.39)	ND(0.45)
Naphthalene	mg/kg	325	3.52	104	1.05	--	--	--	--	--	ND(0.39)	ND(0.45)
Phenanthrene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	ND(0.39)	ND(0.45)
Pyrene	mg/kg	140	140	140	140	--	--	--	--	--	ND(0.39)	ND(0.45)
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(2.8)	ND(180)	ND(0.0057)	ND(0.31)	ND(0.0057)	ND(0.0061)	ND(0.0046)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(11)	ND(710)	ND(0.023)	ND(1.2)	ND(0.023)	ND(0.024)	ND(0.018)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(11)	ND(710)	ND(0.023)	ND(1.2)	ND(0.023)	ND(0.024)	ND(0.018)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(11)	ND(710)	0.0071 J	ND(1.2)	ND(0.023)	0.0091 J	ND(0.018)
Benzene	mg/kg	17	0.08	9.8	0.08	ND(2.8)	ND(180)	ND(0.0057)	ND(0.31)	ND(0.0057)	ND(0.0061)	ND(0.0046)
Ethylbenzene	mg/kg	650	55	650	55	26	1500 ^{abcd}	ND(0.0057)	0.13 J	ND(0.0057)	0.0033 J	ND(0.0046)
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(2.8)	ND(180)	ND(0.0057)	ND(0.31)	ND(0.0057)	ND(0.0061)	ND(0.0046)
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(2.8)	ND(180)	ND(0.0057)	ND(0.31)	ND(0.0057)	ND(0.0061)	ND(0.0046)
Toluene	mg/kg	1000	40	930	40	3.7	5000 ^{abcd}	0.0028 J	0.3 J	0.0014 J	0.01	0.0025 J
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(2.8)	ND(180)	ND(0.0057)	ND(0.31)	ND(0.0057)	ND(0.0061)	ND(0.0046)
Xylene (total)	mg/kg	700	700	700	700	230	7900 ^{abcd}	ND(0.011)	0.67	ND(0.011)	0.018	0.0081 J

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SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location Sample ID Sample Date Sample Depth Sample Type	KDHE Tier 2 Risk-Based Criteria				SB-110	SB-111	SB-112	SB-113	SB-114	SB-115	SB-116	SB-117
	Non-Residential		Residential		S-122004-DS-117	S-122104-DS-118	S-122104-DS-119	S-122104-DS-120	S-122104-DS-121	S-122104-DS-122	S-122104-DS-123	S-122104-DS-124
	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	12/20/2004	12/21/2004	12/21/2004	12/21/2004	12/21/2004	12/21/2004	12/21/2004	12/21/2004
					(10-12) ft BGS	(10-12) ft BGS	(10-12) ft BGS	(10-12) ft BGS	(10-12) ft BGS	(10-12) ft BGS	(4-6) ft BGS	(4-6) ft BGS
	Units	a	b	c	d							
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	0.048 J	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Anthracene	mg/kg	13	13	13	13	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Benzo(a)anthracene	mg/kg	26	35	12	10	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Benzo(b)fluoranthene	mg/kg	19	19	12	19	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Benzo(k)fluoranthene	mg/kg	10	10	10	10	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Caprolactam	mg/kg	NC	NC	NC	NC	ND(0.45)	0.041 J	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Chrysene	mg/kg	6.4	6.4	6.4	6.4	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Dibenzofuran	mg/kg	1351	86.5	252	27	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Fluoranthene	mg/kg	220	220	220	220	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Fluorene	mg/kg	270	270	270	200	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Naphthalene	mg/kg	325	3.52	104	1.05	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Phenanthrene	mg/kg	NC	NC	NC	NC	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Pyrene	mg/kg	140	140	140	140	ND(0.45)	ND(0.44)	ND(0.41)	ND(0.35)	ND(0.46)	ND(0.41)	ND(0.42)
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.0063)	ND(0.0061)	ND(0.0061)	ND(0.0057)	ND(0.006)	0.0019 J	ND(0.0079)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.032)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.025)	ND(0.025)	ND(0.025)	ND(0.023)	ND(0.024)	ND(0.023)	ND(0.032)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.025)	ND(0.025)	0.0039 J	0.0033 J	ND(0.024)	ND(0.023)	0.0044 J
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.0063)	ND(0.0061)	ND(0.0061)	ND(0.0057)	ND(0.006)	ND(0.0059)	ND(0.0079)
Ethylbenzene	mg/kg	650	55	650	55	ND(0.0063)	ND(0.0061)	0.0011 J	ND(0.0057)	ND(0.006)	ND(0.0059)	ND(0.0079)
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(0.0063)	0.0041 J	0.011	0.0083	0.0083	0.012	0.011
Tetrachloroethene	mg/kg	140	0.18	79	0.18	0.19 ^{bd}	ND(0.0061)	0.0039 J	0.0026 J	ND(0.006)	ND(0.0059)	ND(0.0079)
Toluene	mg/kg	1000	40	930	40	0.00091 J	0.0005 J	0.0011 J	0.00061 J	0.00087 J	0.00051 J	0.00084 J
Trichloroethene	mg/kg	98	0.20	62	0.20	0.001 J	ND(0.0061)	0.0005 J	ND(0.0057)	ND(0.006)	ND(0.0059)	ND(0.0079)
Xylene (total)	mg/kg	700	700	700	700	ND(0.013)	ND(0.012)	0.00094 J	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.016)

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2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-118	SB-119	SB-120	SB-121	SB-122	SB-122	SB-122	SB-122A
Sample ID	Non-Residential		Residential		S-012559-122005-SC-006	S-012559-121505-SC-001	S-012559-121505-SC-002	S-012559-122005-SC-003	MW-122 0-2.5	S-012559-122005-SC-004	S-012559-122005-SC-005	MW 122A 0-2.5
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	12/20/2005	12/15/2005	12/15/2005	12/20/2005	10/31/2006	12/20/2005	12/20/2005	11/7/2006
Sample Depth					(9-10) ft BGS	(10-12) ft BGS	(10-12) ft BGS	(9-10) ft BGS	(0-2.5) ft BGS	(9-10) ft BGS	(9-10) ft BGS	(0-2.5) ft BGS
Sample Type	Units	a	b	c	d						Duplicate	
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	--	--	--	ND(0.38)	--	--
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	--	--	--	ND(0.38)	--	--
Anthracene	mg/kg	13	13	13	13	--	--	--	--	ND(0.38)	--	--
Benzo(a)anthracene	mg/kg	26	35	12	10	--	--	--	--	ND(0.38)	--	--
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	--	--	--	ND(0.38)	--	--
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	--	--	--	0.09 J	--	--
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	--	--	--	ND(0.38)	--	--
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	--	--	--	ND(0.38)	--	--
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	--	--	--	ND(0.38)	--	--
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	--	--	--	ND(0.38)	--	--
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	--	--	--	ND(0.38)	--	--
Dibenzofuran	mg/kg	1351	86.5	252	27	--	--	--	--	ND(0.38)	--	--
Fluoranthene	mg/kg	220	220	220	220	--	--	--	--	ND(0.38)	--	--
Fluorene	mg/kg	270	270	270	200	--	--	--	--	ND(0.38)	--	--
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	--	--	--	ND(0.38)	--	--
Naphthalene	mg/kg	325	3.52	104	1.05	--	--	--	--	ND(0.38)	--	--
Phenanthrene	mg/kg	NC	NC	NC	NC	--	--	--	--	ND(0.38)	--	--
Pyrene	mg/kg	140	140	140	140	--	--	--	--	ND(0.38)	--	--
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	--	--	--	--	--	--	ND(0.0059)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	--	--	--	--	--	--	ND(0.024)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	--	--	--	--	--	--	ND(0.024)
Acetone	mg/kg	6200	3.8	1700	1.1	--	--	--	--	--	--	ND(0.024)
Benzene	mg/kg	17	0.08	9.8	0.08	--	--	--	--	--	--	ND(0.0059)
Ethylbenzene	mg/kg	650	55	650	55	--	--	--	--	--	--	ND(0.0059)
Methylene chloride	mg/kg	230	0.03	150	0.03	--	--	--	--	--	--	ND(0.0059)
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.29)	0.45 ^{bd}	0.034	0.15	--	ND(0.27)	ND(0.27)
Toluene	mg/kg	1000	40	930	40	--	--	--	--	--	--	ND(0.0059)
Trichloroethene	mg/kg	98	0.20	62	0.20	--	--	--	--	--	--	ND(0.0059)
Xylene (total)	mg/kg	700	700	700	700	--	--	--	--	--	--	ND(0.012)

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location Sample ID Sample Date Sample Depth Sample Type	KDHE Tier 2 Risk-Based Criteria				SB-122A	SB-123	SB-123	SB-123B	SB-124	SB-124A	SB-125	SB-125A
	Non-Residential		Residential		MW 123A 10-12.5	MW-123 10-12.5	SB-123-22.5-25	SB-123B22.5-25	SB-124	SB124A22.5-25	SB-125-7.5-10	SB125A7.5-10
	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	11/7/2006	10/31/2006	11/2/2006	11/20/2006	11/1/2006	11/8/2006	11/2/2006	11/8/2006
					(10-12.5) ft BGS	(10-12.5) ft BGS	(22.5-25) ft BGS	(22.5-25) ft BGS	(22.5-25) ft BGS	(22.5-25) ft BGS	(7.5-10) ft BGS	(7.5-10) ft BGS
	Units	a	b	c	d							
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Anthracene	mg/kg	13	13	13	13	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Benzo(a)anthracene	mg/kg	26	35	12	10	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Dibenzofuran	mg/kg	1351	86.5	252	27	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Fluoranthene	mg/kg	220	220	220	220	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Fluorene	mg/kg	270	270	270	200	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Naphthalene	mg/kg	325	3.52	104	1.05	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Phenanthrene	mg/kg	NC	NC	NC	NC	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Pyrene	mg/kg	140	140	140	140	--	ND(0.37)	ND(0.34)	--	ND(0.34)	--	ND(0.39)
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.023)	--	--	ND(0.021)	--	ND(0.022)	--
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.023)	--	--	ND(0.021)	--	ND(0.022)	--
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.023)	--	--	ND(0.021)	--	ND(0.022)	--
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Ethylbenzene	mg/kg	650	55	650	55	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Toluene	mg/kg	1000	40	930	40	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.0058)	--	--	ND(0.0053)	--	ND(0.0056)	--
Xylene (total)	mg/kg	700	700	700	700	ND(0.012)	--	--	ND(0.011)	--	ND(0.011)	--

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location Sample ID Sample Date Sample Depth Sample Type	KDHE Tier 2 Risk-Based Criteria				SB-126	SB-126A	SB-127	SB-127A	SB-128	SB-128A	SB-129	SB-129A
	Non-Residential		Residential		SB-126-27.5-30	S11806KGSB126A27.5-30	SB-127 27.5-30'	S11806KGSB127A27.5-30	SB-128 5-7.5'	S11806KGSB128A5-7.5	SB-129	DUP-1
	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	11/2/2006	11/8/2006	11/3/2006	11/8/2006	11/3/2006	11/8/2006	11/1/2006	11/8/2006
					(27.5-30) ft BGS	(27.5-30) ft BGS	(27.5-30) ft BGS	(27.5-30) ft BGS	(5-7.5) ft BGS	(5-7.5) ft BGS	(5-7.5) ft BGS	(5-7.5) ft BGS
	Units	a	b	c	d							Duplicate
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Anthracene	mg/kg	13	13	13	13	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Benzo(a)anthracene	mg/kg	26	35	12	10	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.032 J
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.027 J
Benzo(b)fluoranthene	mg/kg	19	19	12	19	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.031 J
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Benzo(k)fluoranthene	mg/kg	10	10	10	10	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.017 J
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.027 J
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Dibenzofuran	mg/kg	1351	86.5	252	27	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Fluoranthene	mg/kg	220	220	220	220	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.058 J
Fluorene	mg/kg	270	270	270	200	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Naphthalene	mg/kg	325	3.52	104	1.05	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	ND(0.36)
Phenanthrene	mg/kg	NC	NC	NC	NC	ND(0.39)	--	ND(0.39)	--	ND(0.44)	--	0.037 J
Pyrene	mg/kg	140	140	140	140	ND(0.39)	--	0.018 J	--	ND(0.44)	--	0.047 J
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	--	ND(0.025)	--	ND(0.022)	--	ND(0.025)	--
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	--	ND(0.025)	--	ND(0.022)	--	ND(0.025)	--
Acetone	mg/kg	6200	3.8	1700	1.1	--	ND(0.025)	--	ND(0.022)	--	ND(0.025)	--
Benzene	mg/kg	17	0.08	9.8	0.08	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Ethylbenzene	mg/kg	650	55	650	55	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Methylene chloride	mg/kg	230	0.03	150	0.03	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Tetrachloroethene	mg/kg	140	0.18	79	0.18	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Toluene	mg/kg	1000	40	930	40	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Trichloroethene	mg/kg	98	0.20	62	0.20	--	ND(0.0063)	--	ND(0.0056)	--	ND(0.0064)	--
Xylene (total)	mg/kg	700	700	700	700	--	ND(0.013)	--	ND(0.011)	--	ND(0.013)	--

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-129A	SB-130	SB-130A	SB-130A	SB-131	SB-131A	SB-132	SB-133
Sample ID	Non-Residential		Residential		S11806KGSB129A5-7.5	SB-130 5-7.5'	DUP-2	S11806KGSB130A5-7.5	SB-131	S11806KGSB131A12.5-15	SB132 2.5-5	SB-133 7.5-10
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	11/8/2006	11/3/2006	11/8/2006	11/8/2006	11/1/2006	11/8/2006	11/6/2006	10/31/2006
Sample Depth					(5-7.5) ft BGS	(5-7.5) ft BGS	(5-7.5) ft BGS	(5-7.5) ft BGS	(12.5-15) ft BGS	(12.5-15) ft BGS	(2.5-5) ft BGS	(7.5-10) ft BGS
Sample Type	Units	a	b	c	d		Duplicate					
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	270 ^{bcd}	--	--	ND(0.34)	--	ND(0.38)
Anthracene	mg/kg	13	13	13	13	--	5.3 J	--	--	ND(0.34)	--	ND(0.38)
Benzo(a)anthracene	mg/kg	26	35	12	10	--	ND(110)	--	--	ND(0.34)	--	0.023 J
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	ND(110)	--	--	ND(0.34)	--	0.018 J
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	ND(110)	--	--	ND(0.34)	--	0.036 J
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	ND(110)	--	--	ND(0.34)	--	0.021 J
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
Dibenzofuran	mg/kg	1351	86.5	252	27	--	7.8 J	--	--	ND(0.34)	--	ND(0.38)
Fluoranthene	mg/kg	220	220	220	220	--	ND(110)	--	--	ND(0.34)	--	0.048 J
Fluorene	mg/kg	270	270	270	200	--	12 J	--	--	ND(0.34)	--	ND(0.38)
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	ND(110)	--	--	ND(0.34)	--	ND(0.38)
Naphthalene	mg/kg	325	3.52	104	1.05	--	39 J ^{bd}	--	--	ND(0.34)	--	ND(0.38)
Phenanthrene	mg/kg	NC	NC	NC	NC	--	41 J	--	--	ND(0.34)	--	0.029 J
Pyrene	mg/kg	140	140	140	140	--	7.2 J	--	--	ND(0.34)	--	0.04 J
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0058)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.026)	--	ND(13)	ND(6.5)	--	ND(0.021)	ND(0.023)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.026)	--	ND(13)	ND(6.5)	--	ND(0.021)	ND(0.023)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.026)	--	ND(13)	ND(6.5)	--	ND(0.021)	0.0037 J
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0058)
Ethylbenzene	mg/kg	650	55	650	55	ND(0.0064)	--	0.26 J	ND(1.6)	--	ND(0.0051)	ND(0.0058)
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0063)
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0058)
Toluene	mg/kg	1000	40	930	40	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0058)
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.0064)	--	ND(3.1)	ND(1.6)	--	ND(0.0051)	ND(0.0058)
Xylene (total)	mg/kg	700	700	700	700	ND(0.013)	--	1.1 J	0.11 J	--	ND(0.01)	ND(0.012)

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-133A	SB-134	SB-134A	SB-135	SB-135A	SB-136	SB-136A	SB-137
Sample ID	Non-Residential		Residential		SB 133A 7.5-10	SB-134 10-12.5	SB 134A 10-12.5	SB-135 12.5-15	SB 135A 12.5-15	SB-136 12.5-15	SB 136A 12.5-15	SB137 14-15
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	11/7/2006	10/31/2006	11/7/2006	10/31/2006	11/7/2006	10/31/2006	11/7/2006	11/6/2006
Sample Depth					(7.5-10) ft BGS	(10-12.5) ft BGS	(10-12.5) ft BGS	(12.5-15) ft BGS	(12.5-15) ft BGS	(12.5-15) ft BGS	(12.5-15) ft BGS	(14-15) ft BGS
Sample Type	Units	a	b	c	d							
Total Petroleum Hydrocarbons												
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	--	--	--	--	--	--	--
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	--	--	--	--	--	--	--
Semivolatile Organic Compounds												
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Anthracene	mg/kg	13	13	13	13	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Benzo(a)anthracene	mg/kg	26	35	12	10	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Dibenzofuran	mg/kg	1351	86.5	252	27	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Fluoranthene	mg/kg	220	220	220	220	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Fluorene	mg/kg	270	270	270	200	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Naphthalene	mg/kg	325	3.52	104	1.05	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Phenanthrene	mg/kg	NC	NC	NC	NC	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Pyrene	mg/kg	140	140	140	140	--	ND(0.34)	--	ND(0.35)	--	ND(0.35)	--
Volatile Organic Compounds												
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.025)	--	ND(0.024)	--	ND(0.023)	--	ND(0.026)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.025)	--	ND(0.024)	--	ND(0.023)	--	ND(0.026)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.025)	--	ND(0.024)	--	ND(0.023)	--	ND(0.026)
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Ethylbenzene	mg/kg	650	55	650	55	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Methylene chloride	mg/kg	230	0.03	150	0.03	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Toluene	mg/kg	1000	40	930	40	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.0064)	--	ND(0.0059)	--	ND(0.0058)	--	ND(0.0064)
Xylene (total)	mg/kg	700	700	700	700	ND(0.013)	--	ND(0.012)	--	ND(0.012)	--	ND(0.013)

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-300	SB-301	SB-301	SB-302	SB-303	SB-304	SB-B3-A	SB-B3-A	
Sample ID	Non-Residential		Residential		S-092809-JH-001	S-092809-JH-002	S-092809-JH-003	S-092809-JH-004	S-092809-JH-005	S-092909-JH-006	S-092909-JH-021	S-092909-JH-022	
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/28/2009	9/29/2009	9/29/2009	9/29/2009	
Sample Depth					(18-20) ft BGS	(9-11) ft BGS	(17-19) ft BGS	(17-19) ft BGS	(17-19) ft BGS	(17-19) ft BGS	(1-3) ft BGS	(13-15) ft BGS	
Sample Type	Units	a	b	c	d								
Total Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	ND(12)	ND(10)	ND(11)	ND(10)	ND(12)	ND(10)	6.7 J	64000 ^{abcd}
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.11)	ND(0.13)	ND(0.11)	ND(0.12)	720 ^{abcd}
Semivolatile Organic Compounds													
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	--	--	--	--	--	--	--
Anthracene	mg/kg	13	13	13	13	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/kg	26	35	12	10	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	--	--	--	--	--	--	--
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	--	--	--	--	--	--	--
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	--	--	--	--	--	--	--
Dibenzofuran	mg/kg	1351	86.5	252	27	--	--	--	--	--	--	--	--
Fluoranthene	mg/kg	220	220	220	220	--	--	--	--	--	--	--	--
Fluorene	mg/kg	270	270	270	200	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	--	--	--	--	--	--	--
Naphthalene	mg/kg	325	3.52	104	1.05	--	--	--	--	--	--	--	--
Phenanthrene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Pyrene	mg/kg	140	140	140	140	--	--	--	--	--	--	--	--
Volatile Organic Compounds													
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	0.0037 J	ND(32)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	0.015	ND(32)
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
Ethylbenzene	mg/kg	650	55	650	55	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	5.5 J
Methylene chloride	mg/kg	230	0.03	150	0.03	0.0051 J	0.0028 J	0.0038 J	0.0033 J	0.0054 J	0.0048 J	0.0047 J	25 J ^{bd}
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
Toluene	mg/kg	1000	40	930	40	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	ND(32)
Xylene (total)	mg/kg	700	700	700	700	ND(0.011)	ND(0.012)	ND(0.01)	ND(0.011)	ND(0.013)	ND(0.011)	ND(0.011)	43

TABLE 3

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-B5-A	SB-B5-A	SB-D4-A	SB-D4-A	SB-E2-A	SB-E2-A	SB-E4-A	SB-E4-A	
Sample ID	Non-Residential		Residential		S-092909-JH-023	S-092909-JH-024	S-092909-JH-017	S-092909-JH-018	S-092909-JH-019	S-092909-JH-020	S-092909-JH-015	S-092909-JH-016	
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	
Sample Depth					(1-3) ft BGS	(13-15) ft BGS	(1-3) ft BGS	(8-10) ft BGS	(1-3) ft BGS	(17-19) ft BGS	(1-3) ft BGS	(17-19) ft BGS	
Sample Type	Units	a	b	c	d								
Total Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons - extractable (DRO)	mg/kg	20000	15000	2000	3000	ND(12)	ND(12)	8900 ^{cd}	31	850	ND(11)	54	14000 ^{cd}
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/kg	450	150	220	39	ND(6)	ND(6)	ND(78)	0.17	ND(0.11)	ND(0.13)	0.085 J	120 ^d
Semivolatile Organic Compounds													
2,4-Dimethylphenol	mg/kg	14000	81	1300	13	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/kg	1461	45.0	213	12.2	--	--	--	--	--	--	--	--
Anthracene	mg/kg	13	13	13	13	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/kg	26	35	12	10	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/kg	2.6	16	1.2	16	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/kg	19	19	12	19	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/kg	10	10	10	10	--	--	--	--	--	--	--	--
Butyl benzylphthalate	mg/kg	1500	1500	1500	1500	--	--	--	--	--	--	--	--
Caprolactam	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Chrysene	mg/kg	6.4	6.4	6.4	6.4	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/kg	2.6	11	1.2	3.1	--	--	--	--	--	--	--	--
Dibenzofuran	mg/kg	1351	86.5	252	27	--	--	--	--	--	--	--	--
Fluoranthene	mg/kg	220	220	220	220	--	--	--	--	--	--	--	--
Fluorene	mg/kg	270	270	270	200	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/kg	0.76	0.76	0.76	0.76	--	--	--	--	--	--	--	--
Naphthalene	mg/kg	325	3.52	104	1.05	--	--	--	--	--	--	--	--
Phenanthrene	mg/kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Pyrene	mg/kg	140	140	140	140	--	--	--	--	--	--	--	--
Volatile Organic Compounds													
1,2-Dichloroethane	mg/kg	7.3	0.04	4.7	0.04	ND(0.012)	ND(0.011)	ND(1.1)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.013)	ND(3.7)
2-Butanone (Methyl Ethyl Ketone)	mg/kg	21000	12	6400	3.6	ND(0.012)	ND(0.011)	ND(1.1)	0.0065 J	ND(0.011)	ND(0.013)	0.007 J	ND(3.7)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/kg	3600	1.4	1000	0.41	ND(0.012)	ND(0.011)	ND(1.1)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.013)	ND(3.7)
Acetone	mg/kg	6200	3.8	1700	1.1	ND(0.012)	ND(0.011)	ND(1.1)	0.036	ND(0.011)	ND(0.013)	0.035	ND(3.7)
Benzene	mg/kg	17	0.08	9.8	0.08	ND(0.012)	ND(0.011)	ND(1.1)	0.0031 J	ND(0.011)	ND(0.013)	0.00082 J	0.078 J
Ethylbenzene	mg/kg	650	55	650	55	ND(0.012)	ND(0.011)	0.31 J	0.0022 J	ND(0.011)	ND(0.013)	0.0051 J	1.4 J
Methylene chloride	mg/kg	230	0.03	150	0.03	0.0061 J	0.0015 J	0.68 J ^{bd}	0.0079 J	0.0047 J	0.0051 J	0.0065 J	2.4 J ^{bd}
Tetrachloroethene	mg/kg	140	0.18	79	0.18	ND(0.012)	ND(0.011)	ND(1.1)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.013)	ND(3.7)
Toluene	mg/kg	1000	40	930	40	0.00039 J	ND(0.011)	ND(1.1)	ND(0.013)	0.00032 J	ND(0.013)	ND(0.013)	ND(3.7)
Trichloroethene	mg/kg	98	0.20	62	0.20	ND(0.012)	ND(0.011)	ND(1.1)	ND(0.013)	ND(0.011)	ND(0.013)	ND(0.013)	ND(3.7)
Xylene (total)	mg/kg	700	700	700	700	ND(0.012)	ND(0.011)	0.15 J	ND(0.013)	ND(0.011)	ND(0.013)	0.0037 J	0.18 J

SOIL DETECTED ANALYTICAL DATA - ORGANICS
2000 TO PRESENT
FORMER FAIRFAX I PLANT
KANSAS CITY, KANSAS

Sample Location	KDHE Tier 2 Risk-Based Criteria				SB-F4-A	SB-F4-A	SB-F5-A	SB-F5-A	SB-G2-A	SB-G2-A	SB-G4-A	SB-G4-A	
Sample ID	Non-Residential		Residential		S-092909-JH-011	S-092909-JH-012	S-092909-JH-013	S-092909-JH-014	S-092909-JH-009	S-092909-JH-010	S-092909-JH-007	S-092909-JH-008	
Sample Date	Soil Pathway	Soil to GW	Soil Pathway	Soil to GW	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	9/29/2009	
Sample Depth					(1-3) ft BGS	(17-19) ft BGS	(1-3) ft BGS	(17-19) ft BGS	(1-3) ft BGS	(17-19) ft BGS	(1-3) ft BGS	(17-19) ft BGS	
Sample Type	Units	a	b	c	d								
Total Petroleum Hydrocarbons													
Total Petroleum Hydrocarbons - extractable (DRO)	mg/ kg	20000	15000	2000	3000	6.4 J	12000 ^{cd}	3.7 J	8.7 J	19	ND(10)	15	ND(12)
Total Petroleum Hydrocarbons - purgeable (GRO)	mg/ kg	450	150	220	39	ND(0.12)	ND(76)	ND(0.11)	ND(0.11)	ND(0.12)	ND(0.11)	ND(0.095)	ND(0.12)
Semivolatile Organic Compounds													
2,4-Dimethylphenol	mg/ kg	14000	81	1300	13	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/ kg	1461	45.0	213	12.2	--	--	--	--	--	--	--	--
Anthracene	mg/ kg	13	13	13	13	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/ kg	26	35	12	10	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/ kg	2.6	16	1.2	16	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/ kg	19	19	12	19	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/ kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/ kg	10	10	10	10	--	--	--	--	--	--	--	--
Butyl benzylphthalate	mg/ kg	1500	1500	1500	1500	--	--	--	--	--	--	--	--
Caprolactam	mg/ kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Chrysene	mg/ kg	6.4	6.4	6.4	6.4	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/ kg	2.6	11	1.2	3.1	--	--	--	--	--	--	--	--
Dibenzofuran	mg/ kg	1351	86.5	252	27	--	--	--	--	--	--	--	--
Fluoranthene	mg/ kg	220	220	220	220	--	--	--	--	--	--	--	--
Fluorene	mg/ kg	270	270	270	200	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/ kg	0.76	0.76	0.76	0.76	--	--	--	--	--	--	--	--
Naphthalene	mg/ kg	325	3.52	104	1.05	--	--	--	--	--	--	--	--
Phenanthrene	mg/ kg	NC	NC	NC	NC	--	--	--	--	--	--	--	--
Pyrene	mg/ kg	140	140	140	140	--	--	--	--	--	--	--	--
Volatile Organic Compounds													
1,2-Dichloroethane	mg/ kg	7.3	0.04	4.7	0.04	ND(0.011)	ND(5.5)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
2-Butanone (Methyl Ethyl Ketone)	mg/ kg	21000	12	6400	3.6	ND(0.011)	ND(5.5)	ND(0.011)	0.0024 J	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	mg/ kg	3600	1.4	1000	0.41	ND(0.011)	ND(5.5)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Acetone	mg/ kg	6200	3.8	1700	1.1	ND(0.011)	ND(5.5)	ND(0.011)	0.016	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Benzene	mg/ kg	17	0.08	9.8	0.08	ND(0.011)	0.12 J ^{bd}	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Ethylbenzene	mg/ kg	650	55	650	55	ND(0.011)	1.3 J	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Methylene chloride	mg/ kg	230	0.03	150	0.03	0.0015 J	3.7 J ^{bd}	0.0066 J	0.0097 J	0.003 J	0.0042 J	0.0042 J	0.0048 J
Tetrachloroethene	mg/ kg	140	0.18	79	0.18	ND(0.011)	ND(5.5)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Toluene	mg/ kg	1000	40	930	40	ND(0.011)	ND(5.5)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Trichloroethene	mg/ kg	98	0.20	62	0.20	ND(0.011)	ND(5.5)	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)
Xylene (total)	mg/ kg	700	700	700	700	ND(0.011)	0.38 J	ND(0.011)	ND(0.012)	ND(0.012)	ND(0.011)	ND(0.0097)	ND(0.012)

Notes:
mg/kg - milligrams per kilogram
ND () - not present at or above the associated value
J - estimated concentration
UJ - estimated reporting limit
NC - no criteria
Risk-Based Standards for Kansas RSK Manual - 4th version, Appendix A, June 2007
Box denotes exceedence of KDHE criteria
^{abcd} The letter a, b, c, and/or d represents the Risk-Based Standard exceeded, respectively