

US EPA ARCHIVE DOCUMENT

**Table 1
C&D Technologies
Attica, IN
Area 1 Organic Soil Data**

SAMPLE ID		pH (solid)	Aroclor 1260	Carbon disulfide	Toluene	Trichloroethene	Dichlorodifluoromethane	Benzene
CD-SB-1 (0-1)	1/9/2008	8.5	13 J	0.34 J				
CD-SB-1 (0-1) DUP	1/9/2008	8.5		0.49 J				
CD-SB-1 (4-5)	1/9/2008	8.4		0.45 J				
CD-SB-2 (0-1)	12/15/2007							
CD-SB-2 (4-5)	12/15/2007							
CD-SB-3 (0-1)	12/13/2007							
CD-SB-3 (4-5)	12/13/2007							
CD-SB-4 (0-1)	12/13/2007				24			
CD-SB-4 (4-5)	12/13/2007							
CD-SB-5(0-1)	12/12/2007							
CD-SB-5(4-5)	12/12/2007							
CD-SB-6(0-1)	12/11/2007	8.5			0.44 J		0.39 J	0.24 J
CD-SB-6(4-5)	12/11/2007	7.9					0.44 J	
CD-SB-6(19-20)	12/11/2007	7.8						
CD-SB-7(0-1)	12/12/2007							
CD-SB-7(4-5)	12/12/2007							
CD-SB-8(0-1)	12/12/2007							
CD-SB-8(4-5)	12/12/2007							
CD-SB-8(4-5)DUP	12/12/2007							
CD-SB-9(0-1)	12/12/2007			0.38 J				
CD-SB-9(4-5)	12/12/2007						0.36 J	
CD-SB-9 (19-20)	12/12/2007							
CD-SB-10 (0-1)	12/13/2007	8.1		0.17 J	0.32 J	1.2 J		
CD-SB-10 (4-5)	12/13/2007	8		0.36 J	8.2	1.2 J	0.46 J	
CD-SB-10 (19-20)	12/13/2007	7.6				1.7 J		
CD-SB-10 (19-20)DUP	12/13/2007	7.6				2.7 J		
IDEM Human Health		NE	5300	480000	310000	24000	310000000	14000
Region 9 PRG		NE	740	720000	310000	110	310000	1400

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV

(if IDEM Human Health SV not available).

Table 1 cont.
C&D Technologies
Attica, IN
Area 1 Organic Soil Data

SAMPLE ID		Chloroethane	bis(2-Ethylhexyl) phthalate	2-Butanone (MEK)	Dibenzofuran	Methylene chloride
CD-SB-1 (0-1)	1/9/2008					
CD-SB-1 (0-1) DUP	1/9/2008					
CD-SB-1 (4-5)	1/9/2008					
CD-SB-2 (0-1)	12/15/2007					
CD-SB-2 (4-5)	12/15/2007					
CD-SB-3 (0-1)	12/13/2007					
CD-SB-3 (4-5)	12/13/2007					
CD-SB-4 (0-1)	12/13/2007					
CD-SB-4 (4-5)	12/13/2007					
CD-SB-5(0-1)	12/12/2007					
CD-SB-5(4-5)	12/12/2007					
CD-SB-6(0-1)	12/11/2007	0.5 J	77 J			
CD-SB-6(4-5)	12/11/2007		76 J		25 J	
CD-SB-6(19-20)	12/11/2007		110 J	13 J		
CD-SB-7(0-1)	12/12/2007					
CD-SB-7(4-5)	12/12/2007					
CD-SB-8(0-1)	12/12/2007					
CD-SB-8(4-5)	12/12/2007					
CD-SB-8(4-5)DUP	12/12/2007					
CD-SB-9(0-1)	12/12/2007					1.4 J
CD-SB-9(4-5)	12/12/2007					
CD-SB-9 (19-20)	12/12/2007					
CD-SB-10 (0-1)	12/13/2007					
CD-SB-10 (4-5)	12/13/2007					
CD-SB-10 (19-20)	12/13/2007					
CD-SB-10 (19-20)DUP	12/13/2007					
IDEM Human Health		120000	980000	28000000	980000	200000
Region 9 PRG		6500	120000	110000000	1600000	21000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

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(if IDEM Human Health SV not available).

**Table 2
C&D Technologies
Attica, IN
Area 1 Inorganic Soil Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper
CD-SB-1 (0-1)	1/9/2008	0.46 Jv	9	49.3	0.14 B	0.72	9.6	3.1 B E	25.7
CD-SB-1 (0-1) DUP	1/9/2008		4.1	37.7	0.094 B	0.6	18.3	2.8 B	26.8
CD-SB-1 (4-5)	1/9/2008		3.3	66.1	0.34 B	0.48 B	14.5	2.8 B	24.1
CD-SB-2 (0-1)	12/15/2007								
CD-SB-2 (4-5)	12/15/2007								
CD-SB-3 (0-1)	12/13/2007								
CD-SB-3 (4-5)	12/13/2007								
CD-SB-4 (0-1)	12/13/2007		11.7	51.5		0.93 B G	110		
CD-SB-4 (4-5)	12/13/2007		7.9	24.4			57.1		
CD-SB-5(0-1)	12/12/2007								
CD-SB-5(4-5)	12/12/2007								
CD-SB-6(0-1)	12/11/2007		5.5	28.9 J	0.098 B	0.22 B	8.1	3.2 B	10.9
CD-SB-6(4-5)	12/11/2007		2.3	22.6 B J	0.13 B	0.16 B	7.2	2.2 B	8
CD-SB-6(19-20)	12/11/2007		8.3	83	0.38 B E	0.5 B	9.1	5.5 B	15.4
CD-SB-7(0-1)	12/12/2007								
CD-SB-7(4-5)	12/12/2007								
CD-SB-8(0-1)	12/12/2007								
CD-SB-8(4-5)	12/12/2007								
CD-SB-8(4-5)DUP	12/12/2007								
CD-SB-9(0-1)	12/12/2007		2.9	31.2		0.37 B	14.9		
CD-SB-9(4-5)	12/12/2007		1.1	21.8 B		0.17 B	4.7		
CD-SB-9 (19-20)	12/12/2007		8.8	110 J		0.45 B	18		
CD-SB-10 (0-1)	12/13/2007		7.2	24.1		0.39 B	10		
CD-SB-10 (4-5)	12/13/2007		9	57.7		0.14 B	11.3		
CD-SB-10 (19-20)	12/13/2007		5.3	62.3		0.14 B	7.7		
CD-SB-10 (19-20)DUP	12/13/2007		5.8	63		0.11 B	9.8		
IDEM Human Health		460	20	220000	2300	590	1000000	NE	46000
Region 9 PRG		410	NE	67000	1900	450	450	1900	41000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

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Region 9 PRG = EPA Region 9 PRG screening level.

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Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 2 cont.
C&D Technologies
Attica, IN
Area 1 Inorganic Soil Data**

SAMPLE ID		Lead	Nickel	Thallium	Vanadium	Zinc	Silver	Mercury
CD-SB-1 (0-1)	1/9/2008	144	13.8	0.9 B	9.5	147		
CD-SB-1 (0-1) DUP	1/9/2008	108	12	0.95 B	5.4	94.2	0.18 B J	
CD-SB-1 (4-5)	1/9/2008	44.5	11.5		6.5	102		
CD-SB-2 (0-1)	12/15/2007	128						
CD-SB-2 (4-5)	12/15/2007	27						
CD-SB-3 (0-1)	12/13/2007	14.2						
CD-SB-3 (4-5)	12/13/2007	34.7						
CD-SB-4 (0-1)	12/13/2007	661					0.23 B	0.061 B
CD-SB-4 (4-5)	12/13/2007	98.3 Jv					0.75 B	0.037 B
CD-SB-5(0-1)	12/12/2007	17.7						
CD-SB-5(4-5)	12/12/2007	12.8						
CD-SB-6(0-1)	12/11/2007	37.9	8.9		8.3	50.3		
CD-SB-6(4-5)	12/11/2007	7.5	16.7		3.8 B	35.9		
CD-SB-6(19-20)	12/11/2007	70.8	12.4	1.4	15.5	127		0.81
CD-SB-7(0-1)	12/12/2007	60.6						
CD-SB-7(4-5)	12/12/2007	17.9						
CD-SB-8(0-1)	12/12/2007	37.8						
CD-SB-8(4-5)	12/12/2007	12.3						
CD-SB-8(4-5)DUP	12/12/2007	15.8						
CD-SB-9(0-1)	12/12/2007	113						
CD-SB-9(4-5)	12/12/2007	16.6						
CD-SB-9 (19-20)	12/12/2007	30.6						0.077 B
CD-SB-10 (0-1)	12/13/2007	311						
CD-SB-10 (4-5)	12/13/2007	18.1						
CD-SB-10 (19-20)	12/13/2007	20.8						0.048 B
CD-SB-10 (19-20)DUP	12/13/2007	11.8						0.023 B
IDEM Human Health		970	23000	80	NE	340000	5700	340
Region 9 PRG		800	20000	67	1000	100000	5100	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 3
C&D Technologies
Attica, IN
Area 1 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene
CD-SB-6(0-1)	12/11/2007	35	58			19	
CD-SB-6(4-5)	12/11/2007	53	130				
CD-SB-6(19-20)	12/11/2007		21				
CD-SB-9(0-1)	12/12/2007	24	44			24	120
CD-SB-9(4-5)	12/12/2007	31	53				
CD-SB-9 (19-20)	12/12/2007	9.9	12		21	26	100
CD-SB-10 (19-20)	12/13/2007	33	46	19	9	22	110
CD-SB-10 (19-20)DUP	12/13/2007	7.9	8.8	11		11	86
IDEM Human Health		NE	1600000	24000000	2800000	120000000	15000
Region 9 PRG		NE	NE	29000000	190000	100000000	2100

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 3 cont.
C&D Technologies
Attica, IN
Area 1 PAH Soil Data**

SAMPLE ID		Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene
CD-SB-6(0-1)	12/11/2007	16	37		26		36
CD-SB-6(4-5)	12/11/2007						43
CD-SB-6(19-20)	12/11/2007	42	84	43	69		110
CD-SB-9(0-1)	12/12/2007	120	170	110	120		190
CD-SB-9(4-5)	12/12/2007						39
CD-SB-9 (19-20)	12/12/2007	140	220	68	140	44	210
CD-SB-10 (19-20)	12/13/2007	120	160	61	140	34	210
CD-SB-10 (19-20)DUP	12/13/2007	110	180	51	130	36	140
IDEM Human Health		1500	15000	150000	1500000	1500	16000000
Region 9 PRG		210	2100	21000	210000	210	22000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

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**Table 3 cont.
C&D Technologies
Attica, IN
Area 1 PAH Soil Data**

SAMPLE ID		Fluorene	Naphthalene	Phenanthrene	Pyrene	Benzo(g,h,i)perylene	Indeno(1,2,3-c,d)pyrene
CD-SB-6(0-1)	12/11/2007		37	53	20		
CD-SB-6(4-5)	12/11/2007		95	94	26		
CD-SB-6(19-20)	12/11/2007			84	65		
CD-SB-9(0-1)	12/12/2007		27	94	160	87	76
CD-SB-9(4-5)	12/12/2007		36	57	31		
CD-SB-9 (19-20)	12/12/2007			90	170	120	94
CD-SB-10 (19-20)	12/13/2007	12	23	170	200	93	85
CD-SB-10 (19-20)DUP	12/13/2007			62	140	81	77
IDEM Human Health		16000000	8000000	1200000	12000000	NE	15000
Region 9 PRG		26000000	190000	29000000	29000000	12000000	2100

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 4
C&D Technologies
Attica, IN
Area 3 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CD-SB-14 (0-1)	12/15/2007	99	130	170	220	900	940
CD-SB-14 (4-5)	12/15/2007						24
CD-SB-14 (4-5)DUP	12/15/2007			59	130	310	270
IDEM Human Health		NE	1600000	2800000	120000000	15000	1500
Region 9 PRG		NE	NE	190000	100000000	2100	210

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.


NE = Screening value has not been established for this constituent.

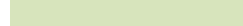
J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 4 cont.
C&D Technologies
Attica, IN
Area 3 PAH Soil Data**

SAMPLE ID		Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene
CD-SB-14 (0-1)	12/15/2007	1300	620	470	1600	220	810
CD-SB-14 (4-5)	12/15/2007						33
CD-SB-14 (4-5)DUP	12/15/2007	350	180	180	300	66	780
IDEM Human Health		15000	NE	150000	1500000	1500	16000000
Region 9 PRG		2100	12000000	21000	210000	210	22000000

SAMPLE ID		Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	Fluorene
CD-SB-14 (0-1)	12/15/2007	560	84	350	700	
CD-SB-14 (4-5)	12/15/2007			26		
CD-SB-14 (4-5)DUP	12/15/2007	180	35	500	560	49
IDEM Human Health		15000	8000000	1200000	1.2E+07	16000000
Region 9 PRG		2100	190000	29000000	2.9E+07	26000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

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**Table 5
C&D Technologies
Attica, IN
Area 3 Inorganic Soil Data**

SAMPLE ID		Lead	Antimony	Arsenic	Barium	Chromium	Cobalt	Copper	Nickel
CD-SB-13 (0-1)	12/15/2007	1460							
CD-SB-13 (4-5)	12/15/2007	2040							
CD-SB-13 (9-10)	12/15/2007	37.3							
CD-SB-14 (0-1)	12/15/2007	226	3.4 Jv	31.7	157 Jv	10.5	2.6 B	24.9	9.3
CD-SB-14 (4-5)	12/15/2007	33.9	0.67 Jv	9.9	39.8 J	6.1	2.1 B	10.2	6.7
CD-SB-14 (4-5)DUP	12/15/2007	7.4		3.1	38.7 J	3.9	1.5 B	5.6	4.3 B
CD-SB-15 (0-1)	12/15/2007	824							
CD-SB-15 (4-5)	12/15/2007	101							
IDEM Human Health		970	460	20	220000	1000000	NE	46000	23000
Region 9 PRG		800	410	NE	67000	450	1900	41000	20000

SAMPLE ID		Silver	Thallium	Vanadium	Zinc	Mercury
CD-SB-13 (0-1)	12/15/2007					
CD-SB-13 (4-5)	12/15/2007					
CD-SB-13 (9-10)	12/15/2007					
CD-SB-14 (0-1)	12/15/2007	0.21 B	0.99 B	14.7	53.2	0.16
CD-SB-14 (4-5)	12/15/2007			10.1	36.8	0.018 B
CD-SB-14 (4-5)DUP	12/15/2007			8.9	19.6	0.057 B
CD-SB-15 (0-1)	12/15/2007					
CD-SB-15 (4-5)	12/15/2007					
IDEM Human Health		5700	80	NE	340000	340
Region 9 PRG		5100	67	1000	100000	310

Notes:

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IDEM Human Health = IDEM human health industrial screening level.

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NE = Screening value has not been established for this constituent.

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B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 6
C&D Technologies
Attica, IN
Area 3 Organic Soil Data**

SAMPLE ID		pH (solid)	2-Butanone (MEK)	4-Methyl-2-pentanone (MIBK)	Acetone	Benzene	Carbon disulfide
CD-SB-13 (0-1)	12/15/2007	9.1	45	47	46	0.84 J	2.1 J
CD-SB-13 (4-5)	12/15/2007	8.6	7.1 J	7.3 J	45	0.77 J	5.8
CD-SB-13 (9-10)	12/15/2007	8.1		4.5 J	31	1.5 J	
CD-SB-14 (0-1)	12/15/2007				15 J	0.47 J	
CD-SB-14 (4-5)	12/15/2007				12 J	0.4 J	
CD-SB-14 (4-5)DUP	12/15/2007		6.5 J		39	0.57 J	0.78 J
CD-SB-15 (0-1)	12/15/2007						
CD-SB-15 (4-5)	12/15/2007						
IDEM Human Health		NE	2800000	8700000	5100000	14000	480000
Region 9 PRG		NE	11000000	47000000	54000000	1400	720000

SAMPLE ID		cis-1,2-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Xylenes (total)
CD-SB-13 (0-1)	12/15/2007	3.9 J	0.5 J	7.2	1.5 J	33	1.2 J
CD-SB-13 (4-5)	12/15/2007	9.1	0.56 J	3.2 J	1.8 J	23	1.2 J
CD-SB-13 (9-10)	12/15/2007	0.43 J		2.1 J	1.5 J	13	
CD-SB-14 (0-1)	12/15/2007			29 Jv	1.5 Jv	1.2 J	
CD-SB-14 (4-5)	12/15/2007			2.5 J	0.48 J	0.37 J	
CD-SB-14 (4-5)DUP	12/15/2007			0.47 J	0.74 J		
CD-SB-15 (0-1)	12/15/2007						
CD-SB-15 (4-5)	12/15/2007						
IDEM Human Health		140000	160000	16000	310000	24000	170000
Region 9 PRG		150000	400000	1300	310000	110	420000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 6 cont.
C&D Technologies
Attica, IN
Area 3 Organic Soil Data

SAMPLE ID		Dibenzofuran	Di-n-butyl phthalate	Bromoform	Diethyl phthalate
CD-SB-13 (0-1)	12/15/2007				
CD-SB-13 (4-5)	12/15/2007				
CD-SB-13 (9-10)	12/15/2007				
CD-SB-14 (0-1)	12/15/2007	49 J	140 J		
CD-SB-14 (4-5)	12/15/2007				
CD-SB-14 (4-5)DUP	12/15/2007	38 J		0.69 J	23 J
CD-SB-15 (0-1)	12/15/2007				
CD-SB-15 (4-5)	12/15/2007				
IDEM Human Health		980000	760000	580000	840000
Region 9 PRG		1600000	62000000	220000	100000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 7
C&D Technologies
Attica, IN
Area 4 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Chrysene
CD-SB-16(0-1)	12/14/2007	60	68	87	39	44
CD-SB-21 (0-1)	12/13/2007	740	1300	2600	1900	1900
IDEM Human Health		NE	1600000	15000	12000000	1500000
Region 9 PRG		NE	NE	2100	NE	210000

SAMPLE ID		Fluoranthene	Naphthalene	Phenanthrene	Pyrene	Acenaphthene
CD-SB-16(0-1)	12/14/2007	73	40	120	45	
CD-SB-21 (0-1)	12/13/2007	1100	2000	1400	970	230
IDEM Human Health		16000000	8000000	1200000	12000000	24000000
Region 9 PRG		22000000	190000	29000000	29000000	29000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 7 cont.
C&D Technologies
Attica, IN
Area 4 PAH Soil Data**

SAMPLE ID		Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(k)fluoranthene
CD-SB-16(0-1)	12/14/2007				
CD-SB-21 (0-1)	12/13/2007	680	950	2100	900
IDEM Human Health		120000000	15000	1500	150000
Region 9 PRG		100000000	2100	210	21000

SAMPLE ID		Acenaphthylene	Dibenz(a,h)anthracene	Fluorene	Indeno(1,2,3-c,d)pyrene
CD-SB-16(0-1)	12/14/2007				
CD-SB-21 (0-1)	12/13/2007	560	520	230	1600
IDEM Human Health		2800000	1500	1600000	15000
Region 9 PRG		190000	210	2600000	2100

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.


NE = Screening value has not been established for this constituent.

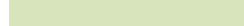
J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 8
C&D Technologies
Attica, IN
Area 4 Inorganic Soil Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper
CD-SB-16(0-1)	12/14/2007	1.4 B	7.9	76.6 J	0.12 B	0.22 B	8.6	5.1 B	30.6
CD-SB-16(4-5)	12/14/2007		8.9	63.2 J	0.27 B		12.7	6.7	13.1
CD-SB-16(14-15)	12/14/2007		5.2	13.8 B J		0.087 B	8	5 B	8.1
CD-SB-17 (0-1)	12/13/2007								
CD-SB-17 (4-5)	12/13/2007								
CD-SB-18 (0-1)	12/13/2007								
CD-SB-18 (4-5)	12/13/2007								
CD-SB-18 (7-8)	12/13/2007								
CD-SB-20 (0-1)	12/13/2007		4.4	19.7 B		0.09 B	5.1		
CD-SB-20 (4-5)	12/13/2007		9.4	52.2			15.2		
CD-SB-20 (9-10)	12/13/2007		6.2	12.8 B		0.13 B	5.3		
CD-SB-21 (0-1)	12/13/2007		10.7	69.5	0.44 B	0.97	8.9	5.9	38.2
CD-SB-21 (4-5)	12/13/2007		4.1	48.9	0.071 B		7.6	4.5 B	6.4
CD-SB-21 (9-10)	12/13/2007		6.8	23	0.052 B		7.4	4.6 B	10.8
CD-SB-21 (9-10)DUP	12/13/2007		3.9	12.5 B		0.055 B	5.3	2.7 B	6.1
IDEM Human Health		460	20	220000	2300	590	1000000	NE	46000
Region 9 PRG		410	NE	67000	1900	450	450	1900	41000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.


Jv = Result is considered to be an estimated value based on data validation.

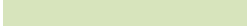
B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 8 cont.
C&D Technologies
Attica, IN
Area 4 Inorganic Soil Data**

SAMPLE ID		Lead	Nickel	Thallium	Vanadium	Zinc	Mercury	Silver
CD-SB-16(0-1)	12/14/2007	103	11.7	1.6	13.5	72.8	0.098 B	
CD-SB-16(4-5)	12/14/2007	11.6	15.7	1.2	21.5	51.9	0.041 B	
CD-SB-16(14-15)	12/14/2007	5.8	10.5	1 B	10.3	35.3		
CD-SB-17 (0-1)	12/13/2007	84.1						
CD-SB-17 (4-5)	12/13/2007	63.4						
CD-SB-18 (0-1)	12/13/2007	80.8						
CD-SB-18 (4-5)	12/13/2007	22.3						
CD-SB-18 (7-8)	12/13/2007	6.6						
CD-SB-20 (0-1)	12/13/2007	27.3					0.088 B	
CD-SB-20 (4-5)	12/13/2007	11.6					0.026 B	
CD-SB-20 (9-10)	12/13/2007	14						
CD-SB-21 (0-1)	12/13/2007	141	13.1	1.5	13.2	534	0.17	0.16 B
CD-SB-21 (4-5)	12/13/2007	6.3	11.3	1.1 B	14.6	27.6		
CD-SB-21 (9-10)	12/13/2007	8.4	13.4	1.2	11.2	49.3		
CD-SB-21 (9-10)DUP	12/13/2007	5.1	8.5	1.2	8.7	24.6		
IDEM Human Health		970	23000	80	NE	340000	340	5700
Region 9 PRG		800	20000	67	1000	100000	310	5100

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 9
C&D Technologies
Attica, IN
Area 4 Organic Soil Data**

SAMPLE ID		pH (solid)	2-Butanone (MEK)	Acetone	Benzene	Carbon disulfide	Ethylbenzene	Tetrachloroethene	Toluene
CD-SB-16(0-1)	12/14/2007	8.6	3.9 J	23	1.7 J	1.5 J	0.91 Jv	0.4 Jv	3.7 Jv
CD-SB-16(4-5)	12/14/2007	7.9	5.1 J	38					
CD-SB-16(14-15)	12/14/2007	8.6		3.1 J	3.7 J		2.9 J		10
CD-SB-17 (0-1)	12/13/2007	8.3				0.26 J			
CD-SB-17 (4-5)	12/13/2007	8.1				1.8 J			
CD-SB-18 (0-1)	12/13/2007					0.17 J			
CD-SB-18 (4-5)	12/13/2007					0.25 J			
CD-SB-18 (7-8)	12/13/2007					0.26 J			
CD-SB-20 (0-1)	12/13/2007								0.23 J
CD-SB-20 (4-5)	12/13/2007		1.1 J						0.27 J
CD-SB-20 (9-10)	12/13/2007			17	0.2 J				0.24 J
CD-SB-21 (0-1)	12/13/2007	8.2						130 J	
CD-SB-21 (4-5)	12/13/2007	8.4							
CD-SB-21 (9-10)	12/13/2007	8.5							
CD-SB-21 (9-10)DUP	12/13/2007	8.8		4.8 J					
CD-SB-21B(0-1)	6/4/2008							250 J	
IDEM Human Health			28000000	51000000	14000	480000	160000	16000	310000
Region 9 PRG			110000000	54000000	1400	720000	400000	1300	310000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 9 cont.
C&D Technologies
Attica, IN
Area 4 Organic Soil Data**

SAMPLE ID		Trichloroethene	Xylenes (total)	bis(2-Ethylhexyl) phthalate	Dibenzofuran	Bromoform
CD-SB-16(0-1)	12/14/2007	15	2.2 Jv	26 J	36 J	
CD-SB-16(4-5)	12/14/2007			38 J		0.56 J
CD-SB-16(14-15)	12/14/2007		9.1 J	20 J		0.93 J
CD-SB-17 (0-1)	12/13/2007					
CD-SB-17 (4-5)	12/13/2007					
CD-SB-18 (0-1)	12/13/2007					
CD-SB-18 (4-5)	12/13/2007					
CD-SB-18 (7-8)	12/13/2007					
CD-SB-20 (0-1)	12/13/2007					
CD-SB-20 (4-5)	12/13/2007					
CD-SB-20 (9-10)	12/13/2007					
CD-SB-21 (0-1)	12/13/2007	6000			370 J	
CD-SB-21 (4-5)	12/13/2007	3.6 J				
CD-SB-21 (9-10)	12/13/2007					
CD-SB-21 (9-10)DUP	12/13/2007					
CD-SB-21B(0-1)	6/4/2008	31000				
IDEM Human Health		24000	170000	980000	980000	580000
Region 9 PRG		110	420000	120000	1600000	220000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 9 cont.
C&D Technologies
Attica, IN
Area 4 Organic Soil Data

SAMPLE ID		Iodomethane	Dichlorodifluoromethane	Trichlorofluoromethane	4-Methyl-2-pentanone (MIBK)	Aroclor 1260	Acetonitrile
CD-SB-16(0-1)	12/14/2007						
CD-SB-16(4-5)	12/14/2007	1 J					
CD-SB-16(14-15)	12/14/2007						
CD-SB-17 (0-1)	12/13/2007						
CD-SB-17 (4-5)	12/13/2007		0.56 J				
CD-SB-18 (0-1)	12/13/2007			0.7 J			
CD-SB-18 (4-5)	12/13/2007						
CD-SB-18 (7-8)	12/13/2007						
CD-SB-20 (0-1)	12/13/2007						
CD-SB-20 (4-5)	12/13/2007				1.1 J		
CD-SB-20 (9-10)	12/13/2007						
CD-SB-21 (0-1)	12/13/2007					130	370 J
CD-SB-21 (4-5)	12/13/2007						
CD-SB-21 (9-10)	12/13/2007						
CD-SB-21 (9-10)DUP	12/13/2007						
CD-SB-21B(0-1)	6/4/2008						
IDEM Human Health		NE	310000000	NE	8700000	5300	NE
Region 9 PRG		NE	310000	2000000	47000000	740	1800000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 10
C&D Technologies
Attica, IN
Area 5 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CD-SB-22 (0-1)	12/13/2007	780	1400	160	260	370
CD-SB-22 (4-5)	12/13/2007	34	36			
IDEM Human Health		NE	1600000	120000000	15000	1500
Region 9 PRG		NE	NE	100000000	2100	210

SAMPLE ID		Benzo(b)fluoranthene	Benzo(g,h,i)perylene	benzo(k)fluoranthene	Chrysene	Fluoranthene
CD-SB-22 (0-1)	12/13/2007	530	270	270	360	480
CD-SB-22 (4-5)	12/13/2007					
IDEM Human Health		15000	NE	150000	1500000	16000000
Region 9 PRG		2100	NE	21000	210000	22000000

SAMPLE ID		Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene
CD-SB-22 (0-1)	12/13/2007	270	900	1000	410
CD-SB-22 (4-5)	12/13/2007			62	
IDEM Human Health		15000	8000000	1200000	12000000
Region 9 PRG		2100	190000	29000000	29000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 11
C&D Technologies
Attica, IN
Area 5 Inorganic Soil Data**

SAMPLE ID		Lead	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Nickel	Silver
CD-SB-22 (0-1)	12/13/2007	7840	8 J	8.7	85.3	0.29 B	0.16 B	46.2	4.7 B	102	26.3	0.15 B
CD-SB-22 (4-5)	12/13/2007	26.3		8.2	68.1	0.14 B		9	7.3	12.2	13.9	
CD-SB-23 (0-1)	12/13/2007	135		4.7	33.4		0.11 B	11.2				
CD-SB-23 (4-5)	12/13/2007	236		10.9	89.7		0.05 B	17				
CD-SB-96(0-1)	6/2/2008	139										
CD-SB-96(1-2)	6/2/2008	50.1										
CD-SB-97(0-1)	6/2/2008	129										
CD-SB-97(1-2)	6/2/2008	21.8										
CD-SB-98(0-1)	6/2/2008	232										
CD-SB-98(1-2)	6/2/2008	15.9										
CD-SB-99(0-1)	6/2/2008	108										
CD-SB-99(1-2)	6/2/2008	15.8										
CD-SB-100(0-1)	6/2/2008	125										
CD-SB-100(1-2)	6/2/2008	35.7										
CD-SB-101(0-1)	6/2/2008	197										
CD-SB-101(1-2)	6/2/2008	25.3										
CD-SB-102(0-1)	6/2/2008	178										
CD-SB-102(1-2)	6/2/2008	66.2										
CD-SB-103(0-1)	6/2/2008	705										
CD-SB-103(0-1)DUP	6/2/2008	612										
CD-SB-103(1-2)	6/2/2008	71.9										
CD-SB-103(1-2)DUP	6/2/2008	118										
CD-SB-104(0-1)	6/2/2008	262										
CD-SB-104(1-2)	6/2/2008	36.3										
IDEM Human Health		970	460	20	220000	2300	590	1000000	NE	46000	23000	5700
Region 9 PRG		800	410	NE	67000	1900	450	450	1900	41000	20000	5100

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 11 cont.
C&D Technologies
Attica, IN
Area 5 Inorganic Soil Data

SAMPLE ID		Thallium	Tin	Vanadium	Zinc	Mercury
CD-SB-22 (0-1)	12/13/2007	1.7	21.6 J	10.8	99.3	0.039 B
CD-SB-22 (4-5)	12/13/2007	1.1		16.8	52.5	0.021 B
CD-SB-23 (0-1)	12/13/2007					0.052 B
CD-SB-23 (4-5)	12/13/2007					0.11 B
CD-SB-96(0-1)	6/2/2008					
CD-SB-96(1-2)	6/2/2008					
CD-SB-97(0-1)	6/2/2008					
CD-SB-97(1-2)	6/2/2008					
CD-SB-98(0-1)	6/2/2008					
CD-SB-98(1-2)	6/2/2008					
CD-SB-99(0-1)	6/2/2008					
CD-SB-99(1-2)	6/2/2008					
CD-SB-100(0-1)	6/2/2008					
CD-SB-100(1-2)	6/2/2008					
CD-SB-101(0-1)	6/2/2008					
CD-SB-101(1-2)	6/2/2008					
CD-SB-102(0-1)	6/2/2008					
CD-SB-102(1-2)	6/2/2008					
CD-SB-103(0-1)	6/2/2008					
CD-SB-103(0-1)DUP	6/2/2008					
CD-SB-103(1-2)	6/2/2008					
CD-SB-103(1-2)DUP	6/2/2008					
CD-SB-104(0-1)	6/2/2008					
CD-SB-104(1-2)	6/2/2008					
IDEM Human Health		80	NE	NE	340000	340
Region 9 PRG		67	100000	1000	100000	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 12
C&D Technologies
Attica, IN
Area 5 Organic Soil Data**

SAMPLE ID		pH (solid)	Carbon disulfide	Dibenzofuran	Acetone	Benzene	Toluene	Ethylbenzene	Xylenes (total)
CD-SB-22 (0-1)	12/13/2007		0.39 J	320 J					
CD-SB-22 (4-5)	12/13/2007		0.63 J		3.7 J	0.45 J	0.33 J		
CD-SB-23 (0-1)	12/13/2007	8					130 J	120 J	1100
CD-SB-23 (4-5)	12/13/2007	8.1							
IDEM Human Health		NE	480000	980000	51000000	14000	310000	160000	170000
Region 9 PRG		NE	720000	1600000	54000000	1400	310000	400000	420000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 13
C&D Technologies
Attica, IN
Area 6 Organic Soil Data

SAMPLE ID		pH (solid)	Aroclor 1260	Carbon disulfide	Toluene
CD-SB-1 (0-1)	1/9/2008	8.5	13 J	0.34 J	
CD-SB-1 (0-1) DUP	1/9/2008	8.5		0.49 J	
CD-SB-1 (4-5)	1/9/2008	8.4		0.45 J	
CD-SB-4 (0-1)	12/13/2007				24
IDEM Human Health		NE	5300	480000	310000
Region 9 PRG		NE	740	720000	310000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.


NE = Screening value has not been established for this constituent.

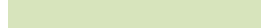
J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 14
C&D Technologies
Attica, IN
Area 6 Inorganic Soil Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead
CD-SB-1 (0-1)	1/9/2008	0.46 Jv	9	49.3	0.14 B	0.72	9.6	3.1 B E	25.7	144
CD-SB-1 (0-1) DUP	1/9/2008		4.1	37.7	0.094 B	0.6	18.3	2.8 B	26.8	108
CD-SB-1 (4-5)	1/9/2008		3.3	66.1	0.34 B	0.48 B	14.5	2.8 B	24.1	44.5
CD-SB-4 (0-1)	12/13/2007		11.7	51.5		0.93 B G	110			661
CD-SB-4 (4-5)	12/13/2007		7.9	24.4			57.1			98.3 Jv
IDEM Human Health		460	20	220000	2300	590	1000000	NE	46000	970
Region 9 PRG		410	NE	67000	1900	450	450	1900	41000	800

SAMPLE ID		Nickel	Thallium	Vanadium	Zinc	Silver	Mercury
CD-SB-1 (0-1)	1/9/2008	13.8	0.9 B	9.5	147		
CD-SB-1 (0-1) DUP	1/9/2008	12	0.95 B	5.4	94.2	0.18 B J	
CD-SB-1 (4-5)	1/9/2008	11.5		6.5	102		
CD-SB-4 (0-1)	12/13/2007					0.23 B	0.061 B
CD-SB-4 (4-5)	12/13/2007					0.75 B	0.037 B
IDEM Human Health		23000	80	NE	340000	5700	340
Region 9 PRG		20000	67	1000	100000	5100	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 15
C&D Technologies
Attica, IN
Area 7 Organic Soil Data**

SAMPLE ID		pH (solid)	Carbon disulfide	Dichlorodifluoromethane	Tetrachloroethene	Trichloroethene
CD-SB-25(0-1)	12/14/2007		0.41 J	0.34 J		
CD-SB-25(0-1)DUP	12/14/2007		0.39 J			
CD-SB-25(4-5)	12/14/2007		0.42 J			
CD-SB-26(0-1)	12/14/2007	7.6	0.34 J		1.8 J	0.72 J
CD-SB-26(4-5)	12/14/2007	7.7	0.41 J			
IDEM Human Health		NE	480000	310000000	16000	24000
Region 9 PRG		NE	720000	310000	1300	110

SAMPLE ID		bis(2-Ethylhexyl) phthalate
CD-SB-25(0-1)	12/14/2007	
CD-SB-25(0-1)DUP	12/14/2007	
CD-SB-25(4-5)	12/14/2007	
CD-SB-26(0-1)	12/14/2007	
CD-SB-26(4-5)	12/14/2007	21 J
IDEM Human Health		980000
Region 9 PRG		120000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 16
C&D Technologies
Attica, IN
Area 7 Inorganic Soil Data**

SAMPLE ID		Arsenic	Barium	Beryllium	Chromium	Cobalt	Copper	Lead	Nickel	Thallium
CD-SB-26(0-1)	12/14/2007	6.2	55.1 J	0.25 B	10.4	5.7 B	8.3	9.6	11.4	0.81 B
CD-SB-26(4-5)	12/14/2007	25.7	80.4 J	0.44 B	15.2	7.4	23	24.8	23.6	1.8
IDEM Human Health		20	220000	2300	1000000	0	46000	970	23000	80
Region 9 PRG		0	67000	1900	450	1900	41000	800	20000	67

SAMPLE ID		Vanadium	Zinc	Mercury
CD-SB-26(0-1)	12/14/2007	20.3	43	
CD-SB-26(4-5)	12/14/2007	22.5	101	0.032 B
IDEM Human Health		0	340000	340
Region 9 PRG		1000	100000	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 17
C&D Technologies
Attica, IN
Area 8 Organic Soil Data**

SAMPLE ID		pH (solid)	2-Butanone (MEK)	Acetone	Carbon disulfide	Toluene	Benzene	Xylenes (total)
CD-SB-28(0-1)	12/11/2007	8.8				0.25 J		
CD-SB-28(4-5)	12/11/2007	8.2	48	88 B	3.7 J	0.25 J	0.24 J	0.72 J
CD-SB-28 (19-20)	12/11/2007							
CD-SB-29(0-1)	12/11/2007	9	16	34 B	1.4 J			
CD-SB-29(4-5)	12/11/2007	7.7						
CD-SB-31(0-1)	12/11/2007		11 J	99	4.3	4.7	2.3 J	2.7 J
CD-SB-31(4-5)	12/11/2007		4.8 J	26	3 J	4.8	2.2 J	3.3 J
CD-SB-31 (19-20)	12/11/2007							
CD-SB-32(0-1)	12/11/2007	8	6.3 J	48	0.65 J	3.3 J	2 J	1.4 J
CD-SB-32(0-1)DUP	12/11/2007	8.3	20 J	73		6.7	2.5 J	4.4 J
CD-SB-32(4-5)	12/11/2007	8.6	5.4 J	39		2.6 J	1.9 J	0.84 J
CD-SB-32 (19-20)	12/11/2007	8.1	31 Jv	160 Jv	12 Jv	3.3 Jv	2.5 Jv	1.7 Jv
CD-SB-6(0-1)	12/11/2007	8.5				0.44 J	0.24 J	
CD-SB-6(4-5)	12/11/2007	7.9						
CD-SB-6(19-20)	12/11/2007	7.8	13 J					
CD-SB-9(0-1)	12/12/2007				0.38 J			
CD-SB-9(4-5)	12/12/2007							
IDEM Human Health		NE	28000000	51000000	480000	310000	14000	170000
Region 9 PRG		NE	110000000	54000000	720000	310000	1400	420000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 17 cont.
C&D Technologies
Attica, IN
Area 8 Organic Soil Data**

SAMPLE ID		bis(2-Ethylhexyl) phthalate	Dibenzofuran	Bromomethane	Ethylbenzene	Iodomethane	Methylene chloride
CD-SB-28(0-1)	12/11/2007						
CD-SB-28(4-5)	12/11/2007	190 J					
CD-SB-28 (19-20)	12/11/2007	46 Jv					
CD-SB-29(0-1)	12/11/2007	44 J	49 J				
CD-SB-29(4-5)	12/11/2007						
CD-SB-31(0-1)	12/11/2007			1.3 J	1.3 J		
CD-SB-31(4-5)	12/11/2007				1.3 J		
CD-SB-31 (19-20)	12/11/2007						100 Jv
CD-SB-32(0-1)	12/11/2007				0.65 J		
CD-SB-32(0-1)DUP	12/11/2007				1.9 J		
CD-SB-32(4-5)	12/11/2007						
CD-SB-32 (19-20)	12/11/2007				0.91 Jv		
CD-SB-6(0-1)	12/11/2007	77 J					
CD-SB-6(4-5)	12/11/2007	76 J	25 J				
CD-SB-6(19-20)	12/11/2007	110 J					
CD-SB-9(0-1)	12/12/2007						1.4 J
CD-SB-9(4-5)	12/12/2007						
IDEM Human Health		980000	980000	9900	160000	NE	200000
Region 9 PRG		120000	1600000	13000	400000	NE	21000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 17 cont.
 C&D Technologies
 Attica, IN
 Area 8 Organic Soil Data

SAMPLE ID		Trichloroethene	5-Nitro-o-toluidine	Tetrachloroethene	cis-1,2-Dichloroethene	Chloroethane	Dichlorodifluoromethane
CD-SB-28(0-1)	12/11/2007						
CD-SB-28(4-5)	12/11/2007						
CD-SB-28 (19-20)	12/11/2007						
CD-SB-29(0-1)	12/11/2007						
CD-SB-29(4-5)	12/11/2007						
CD-SB-31(0-1)	12/11/2007						
CD-SB-31(4-5)	12/11/2007						
CD-SB-31 (19-20)	12/11/2007	470 Jv		62 Jv			
CD-SB-32(0-1)	12/11/2007	0.35 J					
CD-SB-32(0-1)DUP	12/11/2007						
CD-SB-32(4-5)	12/11/2007						
CD-SB-32 (19-20)	12/11/2007	0.64 Jv			1.8 Jv		
CD-SB-6(0-1)	12/11/2007					0.5 J	0.39 J
CD-SB-6(4-5)	12/11/2007						0.44 J
CD-SB-6(19-20)	12/11/2007						
CD-SB-9(0-1)	12/12/2007						
CD-SB-9(4-5)	12/12/2007						0.36 J
IDEM Human Health		24000	NE	16000	140000	120000	310000000
Region 9 PRG		110	NE	1300	150000	6500	310000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 18
C&D Technologies
Attica, IN
Area 8 PAH Soil Data**

SAMPLE ID		2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene
CD-SB-27(0-1)	12/11/2007	50	100	100	240	540	620
CD-SB-27(0-1)DUP	12/11/2007	83	100	130	200	420	480
CD-SB-27(24-25)	12/11/2007	79	150	210	490	1500	1200
CD-SB-27(4-5)	12/11/2007			230	270	1200	1300
CD-SB-28 (19-20)	12/11/2007					10 Jv	9.3 Jv
CD-SB-28(0-1)	12/11/2007	120				130	170
CD-SB-28(4-5)	12/11/2007	150	74	200	250	720	760
CD-SB-29(0-1)	12/11/2007	140	41	36	83	210	200
CD-SB-29(4-5)	12/11/2007	32					
CD-SB-31 (19-20)	12/11/2007				9.8 Jv	100 Jv	100 Jv
CD-SB-31(0-1)	12/11/2007	89		67	99	370	370
CD-SB-32 (19-20)	12/11/2007	41 Jv	20 Jv	67 Jv	100 Jv	420 Jv	390 Jv
CD-SB-32(0-1)	12/11/2007	78		290	250	720	840
CD-SB-32(0-1)DUP	12/11/2007	46	15	39	90	560	460
CD-SB-32(4-5)	12/11/2007	42				10	
CD-SB-6(0-1)	12/11/2007	58			19		16
CD-SB-6(19-20)	12/11/2007	21					42
CD-SB-6(4-5)	12/11/2007	130					
CD-SB-9 (19-20)	12/12/2007	12		21	26	100	140
CD-SB-9(0-1)	12/12/2007	44			24	120	120
CD-SB-9(4-5)	12/12/2007	53					
IDEM Human Health		1600000	24000000	2800000	12000000	15000	1500
Region 9 PRG		NE	29000000	190000	10000000	2100	210

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.



= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 18 cont.
C&D Technologies
Attica, IN
Area 8 PAH Soil Data**

SAMPLE ID		Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene
CD-SB-27(0-1)	12/11/2007	840	310	430	580	120
CD-SB-27(0-1)DUP	12/11/2007	670	270	290	500	
CD-SB-27(24-25)	12/11/2007	1800	690	610	1600	270
CD-SB-27(4-5)	12/11/2007	1700	660	910	1200	280
CD-SB-28 (19-20)	12/11/2007	16 Jv	12 Jv		11 Jv	
CD-SB-28(0-1)	12/11/2007	400			160	
CD-SB-28(4-5)	12/11/2007	990	400	500	740	160
CD-SB-29(0-1)	12/11/2007	290	130	150	250	
CD-SB-29(4-5)	12/11/2007	32				
CD-SB-31 (19-20)	12/11/2007	160 Jv	91 Jv	39 Jv	130 Jv	
CD-SB-31(0-1)	12/11/2007	600	300	370	460	
CD-SB-32 (19-20)	12/11/2007	580 Jv	260 Jv	200 Jv	600 Jv	71 Jv
CD-SB-32(0-1)	12/11/2007	1600	520	550	880	270
CD-SB-32(0-1)DUP	12/11/2007	870	340	330	570	120
CD-SB-32(4-5)	12/11/2007	23			11	
CD-SB-6(0-1)	12/11/2007	37			26	
CD-SB-6(19-20)	12/11/2007	84		43	69	
CD-SB-6(4-5)	12/11/2007					
CD-SB-9 (19-20)	12/12/2007	220	120	68	140	44
CD-SB-9(0-1)	12/12/2007	170	87	110	120	
CD-SB-9(4-5)	12/12/2007					
IDEM Human Health		15000	12000000	150000	1500000	1500
Region 9 PRG		2100	NE	21000	210000	210

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.



NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV
 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 18 cont.
C&D Technologies
Attica, IN
Area 8 PAH Soil Data**

SAMPLE ID		Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene
CD-SB-27(0-1)	12/11/2007	990	150	350	48	560	770	
CD-SB-27(0-1)DUP	12/11/2007	630	180	300	84	540	480	63
CD-SB-27(24-25)	12/11/2007	2800	300	630		2500	2300	74
CD-SB-27(4-5)	12/11/2007	1100		610		330	950	
CD-SB-28 (19-20)	12/11/2007	13 Jv		9.2 Jv		9.5 Jv	17 Jv	
CD-SB-28(0-1)	12/11/2007	190				140	150	
CD-SB-28(4-5)	12/11/2007	1000	110	410	110	560	910	110
CD-SB-29(0-1)	12/11/2007	380	51	130	67	340	320	94
CD-SB-29(4-5)	12/11/2007	33			25	37		17
CD-SB-31 (19-20)	12/11/2007	150 Jv		64 Jv		70 Jv	220 Jv	
CD-SB-31(0-1)	12/11/2007	500		270	35	200	470	44
CD-SB-32 (19-20)	12/11/2007	1300 Jv	98 Jv	240 Jv	68 Jv	1400 Jv	1500 Jv	39 Jv
CD-SB-32(0-1)	12/11/2007	870	26	610	59	380	890	60
CD-SB-32(0-1)DUP	12/11/2007	940	33	350	32	400	780	32
CD-SB-32(4-5)	12/11/2007	13			31	28	12	24
CD-SB-6(0-1)	12/11/2007	36			37	53	20	35
CD-SB-6(19-20)	12/11/2007	110				84	65	
CD-SB-6(4-5)	12/11/2007	43			95	94	26	53
CD-SB-9 (19-20)	12/12/2007	210		94		90	170	9.9
CD-SB-9(0-1)	12/12/2007	190		76	27	94	160	24
CD-SB-9(4-5)	12/12/2007	39			36	57	31	31
IDEM Human Health		16000000	16000000	15000	8000000	1200000	12000000	NE
Region 9 PRG		22000000	26000000	2100	190000	29000000	29000000	NE

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.



= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 19
C&D Technologies
Attica, IN
Area 8 Inorganic Soil Data**

SAMPLE ID		Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel
CD-SB-6(0-1)	12/11/2007	5.5	28.9 J	0.098 B	0.22 B	8.1	3.2 B	10.9	37.9	8.9
CD-SB-6(4-5)	12/11/2007	2.3	22.6 B J	0.13 B	0.16 B	7.2	2.2 B	8	7.5	16.7
CD-SB-6(19-20)	12/11/2007	8.3	83	0.38 B E	0.5 B	9.1	5.5 B	15.4	70.8	12.4
CD-SB-9(0-1)	12/12/2007	2.9	31.2		0.37 B	14.9			113	
CD-SB-9(4-5)	12/12/2007	1.1	21.8 B		0.17 B	4.7			16.6	
CD-SB-9 (19-20)	12/12/2007	8.8	110 J		0.45 B	18			30.6	
CD-SB-27(0-1)	12/11/2007	4.9	79.3 J	0.25 B	0.42 B	11.7	4.8 B	13.2	65	10.4
CD-SB-27(0-1)DUP	12/11/2007	2.6	43.9 J	0.27 B	0.21 B	6.6	3.3 B	11.9	18.7	10.1
CD-SB-27(4-5)	12/11/2007	7.5	75.2 J	0.26 B	0.43 B	13.5	7	24.9	89	17.6
CD-SB-27(24-25)	12/11/2007	6	12700 J		1.7	11.9		72.7	141	16.1
CD-SB-28(0-1)	12/11/2007	5.5	22.8 J		0.21 B	9.7	3.9 B	12.2	10.3	9.6
CD-SB-28(4-5)	12/11/2007	6.4	75.2 J	0.14 B	0.42 B	13.4	6.2	15.9	69.7	13
CD-SB-28 (19-20)	12/11/2007	29.6	379 J	0.56 B	3.2	41.2	14.1	210	916	57.6
CD-SB-29(0-1)	12/11/2007	6.1	61.7 J	0.22 B	0.36 B	8.4	4.6 B	22.9	83.5	11.2
CD-SB-29(4-5)	12/11/2007	2.8	33.2 J	0.15 B	0.18 B	6.2	2.6 B	7.9	6.4	8.3
CD-SB-31(0-1)	12/11/2007	4.8	47.5 J		0.37 B	5.9			70.3	
CD-SB-31(4-5)	12/11/2007	6.7	37.3 J		0.36 B	8.5			27.2	
CD-SB-31 (19-20)	12/11/2007	32.7	19000 J		10.9	55.7			1050	
CD-SB-32(0-1)	12/11/2007	3.9	38.8 J		0.23 B	8.8			96.1	
CD-SB-32(0-1)DUP	12/11/2007	10.6	91.2 J		1.6	11.8			325	
CD-SB-32(4-5)	12/11/2007	0.94 Jv	11.8 B J		0.12 B	4.4			6.3	
CD-SB-32 (19-20)	12/11/2007	13.3	1330 J		4	29.1			1460	
IDEM Human Health		20	220000	2300	590	1000000	NE	46000	970	23000
Region 9 PRG		NE	67000	1900	450	450	1900	41000	800	20000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.



Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

 = Constituent detected above the IDEM Human Health SV
 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 19 cont.
C&D Technologies
Attica, IN
Area 8 Inorganic Soil Data**

SAMPLE ID		Vanadium	Zinc	Mercury	Antimony	Silver	Thallium	Tin
CD-SB-6(0-1)	12/11/2007	8.3	50.3					
CD-SB-6(4-5)	12/11/2007	3.8 B	35.9					
CD-SB-6(19-20)	12/11/2007	15.5	127	0.81			1.4	
CD-SB-9(0-1)	12/12/2007							
CD-SB-9(4-5)	12/12/2007							
CD-SB-9 (19-20)	12/12/2007			0.077 B				
CD-SB-27(0-1)	12/11/2007	12.2	80.4	0.13				
CD-SB-27(0-1)DUP	12/11/2007	6.3	47.3	0.024 B				
CD-SB-27(4-5)	12/11/2007	16.9	93.6	0.098 B				
CD-SB-27(24-25)	12/11/2007	14.3	350	0.07 B	8.4 Jv	3.5	1.1 B	168 J
CD-SB-28(0-1)	12/11/2007	10.4	33.4					
CD-SB-28(4-5)	12/11/2007	16.9	93.7	0.15				
CD-SB-28 (19-20)	12/11/2007	21.2 B G	908		9.7 Jv	0.76 B		283 J
CD-SB-29(0-1)	12/11/2007	10.8	98	0.12	0.56 B			
CD-SB-29(4-5)	12/11/2007	5.8 B	30.4					
CD-SB-31(0-1)	12/11/2007			0.11				
CD-SB-31(4-5)	12/11/2007							
CD-SB-31 (19-20)	12/11/2007			0.041 B		38.3		
CD-SB-32(0-1)	12/11/2007			0.035 B				
CD-SB-32(0-1)DUP	12/11/2007			0.25				
CD-SB-32(4-5)	12/11/2007							
CD-SB-32 (19-20)	12/11/2007			0.37		65.8		
IDEM Human Health		NE	340000	340	460	5700	80	NE
Region 9 PRG		1000	100000	310	410	5100	67	100000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.



= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 20
C&D Technologies
Attica, IN
Area 10 Organic Soil Data**

SAMPLE ID		pH (solid)	Carbon disulfide	Tetrachloroethene	Trichloroethene	bis(2-Ethylhexyl) phthalate
CD-SB-34(0-1)	12/14/2007	11.7	0.31 J	2.8 J	25	1000 J
CD-SB-34(4-5)	12/14/2007	7.3	0.46 J		1.7 J	25 J
CD-SB-34(4-5) DUP	12/14/2007	7.4	0.38 J			
CD-SB-35(0-1)	12/14/2007		0.19 J			
CD-SB-35(4-5)	12/14/2007		0.47 J	7.8	10	
IDEM Human Health		NE	480000	16000	24000	980000
Region 9 PRG		NE	720000	1300	110	120000

SAMPLE ID		Acetone	Dichlorodifluoromethane	Toluene
CD-SB-34(0-1)	12/14/2007			
CD-SB-34(4-5)	12/14/2007	8 J	0.39 J	0.39 J
CD-SB-34(4-5) DUP	12/14/2007			
CD-SB-35(0-1)	12/14/2007			
CD-SB-35(4-5)	12/14/2007	10 J		0.25 J
IDEM Human Health		51000000	31000000	310000
Region 9 PRG		54000000	310000	310000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 21
C&D Technologies
Attica, IN
Area 10 PAH Soil Data**

SAMPLE ID		Benzo(a)pyrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Benzo(b)fluoranthene
CD-SB-34(0-1)	12/14/2007	320	190			
CD-SB-34(4-5) DUP	12/14/2007	59	76	38	46	71
CD-SB-35(0-1)	12/14/2007	44	53	140	150	71
IDEM Human Health		1500	12000000	NE	1600000	15000
Region 9 PRG		210	29000000	NE	NE	2100

SAMPLE ID		Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Fluoranthene	Indeno(1,2,3-c,d)pyrene
CD-SB-34(0-1)	12/14/2007					
CD-SB-34(4-5) DUP	12/14/2007	43	33	47	100	52
CD-SB-35(0-1)	12/14/2007			47	88	
IDEM Human Health		12000000	150000	1500000	16000000	15000
Region 9 PRG		NE	21000	210000	22000000	2100

SAMPLE ID		Phenanthrene	Naphthalene
CD-SB-34(0-1)	12/14/2007		
CD-SB-34(4-5) DUP	12/14/2007	80	
CD-SB-35(0-1)	12/14/2007	210	52
IDEM Human Health		1200000	8000000
Region 9 PRG		29000000	190000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 22
C&D Technologies
Attica, IN
Area 10 Inorganic Soil Data**

SAMPLE ID		Antimony	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Thallium
CD-SB-34(0-1)	12/14/2007	0.73 B	3.5	24.1 J	0.11 B	3.7	4.6 B	16.3	123	8	0.66 B
CD-SB-34(4-5)	12/14/2007		9.6	63 J		13	8.3	9.9	11.4	14.8	0.93 B
CD-SB-34(4-5) DUP	12/14/2007		3.6	47.1 J	0.11 B	6.2	3.9 B	9.9	38.8	8.6	
CD-SB-35(0-1)	12/14/2007		6.1	17.8 B J	0.11 B	5.3			12.1		
CD-SB-35(4-5)	12/14/2007		12.1	56.4 J		15.2			17.1		
IDEM Human Health		460	20	220000	590	1000000	NE	46000	970	23000	80
Region 9 PRG		410	NE	67000	450	450	1900	41000	800	20000	67

SAMPLE ID		Vanadium	Zinc	Mercury	Beryllium
CD-SB-34(0-1)	12/14/2007	13.1	39.2	0.038 B	
CD-SB-34(4-5)	12/14/2007	24.4	38.9	0.026 B	0.3 B
CD-SB-34(4-5) DUP	12/14/2007	10.6	63.6	0.055 B	0.11 B
CD-SB-35(0-1)	12/14/2007				
CD-SB-35(4-5)	12/14/2007			0.021 B	
IDEM Human Health		NE	340000	340	2300
Region 9 PRG		1000	100000	310	1900

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 23
C&D Technologies
Attica, IN
Area 11 Organic Soil Data**

SAMPLE ID		pH (solid)	2-Butanone (MEK)	Acetone	Benzene	Bromoform	cis-1,2-Dichloroethene
CD-SB-36 (0-1)	12/15/2007		11 J	34	2.9 J	0.43 J	0.28 J
CD-SB-36 (4-5)	12/15/2007		31	100	0.56 J		
CD-SB-36 (4-5)DUP	12/15/2007		18	100	0.33 J	0.42 J	
CD-SB-37 (0-1)	12/15/2007	7.8					640 J
CD-SB-37 (0-1)DUP	12/15/2007	8					510 J
CD-SB-37 (4-5)	12/15/2007	7.3	19 Jv	160			0.85 J
IDEM Human Health		NE	28000000	51000000	14000	580000	140000
Region 9 PRG		NE	110000000	54000000	1400	220000	150000

SAMPLE ID		Aroclor 1248	Toluene	Trichloroethene	Xylenes (total)	Carbon disulfide	Tetrachloroethene
CD-SB-36 (0-1)	12/15/2007		8	1 J	4.9 J		34
CD-SB-36 (4-5)	12/15/2007		5.8			1.2 J	6.6
CD-SB-36 (4-5)DUP	12/15/2007		3.4 J			0.69 J	5.1
CD-SB-37 (0-1)	12/15/2007						730 J
CD-SB-37 (0-1)DUP	12/15/2007	21 J					640 J
CD-SB-37 (4-5)	12/15/2007			0.41 J			4.1 J
IDEM Human Health		5300	310000	24000	170000	480000	16000
Region 9 PRG		740	310000	110	420000	720000	1300

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 23 cont.
 C&D Technologies
 Attica, IN
 Area 11 Organic Soil Data

SAMPLE ID		Iodomethane	1,2,4-Trichlorobenzene	Dibenzofuran	Ethylbenzene	Aroclor 1260
CD-SB-36 (0-1)	12/15/2007				2.2 J	
CD-SB-36 (4-5)	12/15/2007					
CD-SB-36 (4-5)DUP	12/15/2007					
CD-SB-37 (0-1)	12/15/2007					
CD-SB-37 (0-1)DUP	12/15/2007					11 J
CD-SB-37 (4-5)	12/15/2007	0.72 J	170 J	25 J		
IDEM Human Health		NE	1100000	980000	160000	5300
Region 9 PRG		NE	220000	1600000	400000	740

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.


NE = Screening value has not been established for this constituent.


J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 24
C&D Technologies
Attica, IN
Area 11 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	Phenanthrene	Fluoranthene	2-Methylnaphthalene	Anthracene
CD-SB-37 (0-1)	12/15/2007	810	110			
CD-SB-37 (0-1)DUP	12/15/2007	7800	990	710		
CD-SB-37 (4-5)	12/15/2007	43	84	84	58	38
IDEM Human Health		NE	1200000	16000000	1600000	120000000
Region 9 PRG		NE	29000000	22000000	NE	100000000

SAMPLE ID		Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Naphthalene	Pyrene
CD-SB-37 (0-1)	12/15/2007					
CD-SB-37 (0-1)DUP	12/15/2007					
CD-SB-37 (4-5)	12/15/2007	41	69	66	24	56
IDEM Human Health		1500	15000	1500000	8000000	12000000
Region 9 PRG		210	2100	210000	190000	29000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 25
C&D Technologies
Attica, IN
Area 11 Inorganic Soil Data**

SAMPLE ID		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Antimony	Beryllium	Cobalt
CD-SB-36 (0-1)	12/15/2007	8.9	45.6 J	0.2 B	14.6	2930	0.041 Jv			
CD-SB-36 (4-5)	12/15/2007	6.7	78.2 J		10.1	40.3	0.061 B			
CD-SB-36 (4-5)DUP	12/15/2007	4.1	29.1 J	0.081 B	7.1	11	0.035 B			
CD-SB-37 (0-1)	12/15/2007	5.6	22.4 J	0.09 B	5.3	127		0.68 Jv	0.062 B	3 B
CD-SB-37 (0-1)DUP	12/15/2007	5.5	23.6 J	0.047 B	11.4	386	0.029 B	1.5 Jv		3.7 B
CD-SB-37 (4-5)	12/15/2007	8.2	86.6 J		10.4 Jv	15.1 Jv	0.074 B		0.19 B	8.3
IDEM Human Health		20	220000	590	1000000	970	340	460	2300	NE
Region 9 PRG		NE	67000	450	450	800	310	410	1900	1900

SAMPLE ID		Copper	Nickel	Thallium	Vanadium	Zinc
CD-SB-36 (0-1)	12/15/2007					
CD-SB-36 (4-5)	12/15/2007					
CD-SB-36 (4-5)DUP	12/15/2007					
CD-SB-37 (0-1)	12/15/2007	14.7	9.4	1.3	6.5	47.7
CD-SB-37 (0-1)DUP	12/15/2007	20.1	11.3	0.94 B	6.8	55
CD-SB-37 (4-5)	12/15/2007	13.3	14.8	1.1 Jv	20.9 Jv	53.3
IDEM Human Health		46000	23000	80	NE	340000
Region 9 PRG		41000	20000	67	1000	100000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 26
C&D Technologies
Attica, IN
Area 12 Organic Soil Data

SAMPLE ID		pH (solid)	Acetone	2-Butanone (MEK)	Carbon disulfide	Dichlorodifluoromethane
CD-SB-39 (0-1)	12/13/2007	8.9	5.1 J			
CD-SB-39 (4-5)	12/13/2007	8.1				
CD-SB-39 (9-10)	12/13/2007	8.4				
CD-SB-40(1.5-2.5)	12/12/2007			1.1 J	0.21 J	
CD-SB-40(5.5-6.5)	12/12/2007				0.18 J	0.3 J
IDEM Human Health		NE	51000000	28000000	480000	310000000
Region 9 PRG		NE	54000000	110000000	720000	310000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 27
C&D Technologies
Attica, IN
Area 12 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Anthracene	Pyrene	Chrysene
CD-SB-40(1.5-2.5)	12/12/2007	130	130	110	430	290
CD-SB-40(5.5-6.5)	12/12/2007		45	35	130	180
IDEM Human Health		NE	1600000	12000000	12000000	1500000
Region 9 PRG		NE	NE	10000000	29000000	210000

SAMPLE ID		Benzo(a)anthracene	Phenanthrene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene
CD-SB-40(1.5-2.5)	12/12/2007	280	340			
CD-SB-40(5.5-6.5)	12/12/2007		110	150	240	100
IDEM Human Health		15000	1200000	1500	15000	12000000
Region 9 PRG		2100	29000000	210	2100	NE

SAMPLE ID		Fluoranthene	Naphthalene	Benzo(k)fluoranthene	Indeno(1,2,3-c,d)pyrene
CD-SB-40(1.5-2.5)	12/12/2007	520	85		
CD-SB-40(5.5-6.5)	12/12/2007	180	31	150	100
IDEM Human Health		16000000	8000000	150000	15000
Region 9 PRG		22000000	190000	21000	2100

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 28
C&D Technologies
Attica, IN
Area 12 Inorganic Soil Data**

SAMPLE ID		Lead	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Nickel
CD-SB-39 (0-1)	12/13/2007	104								
CD-SB-39 (4-5)	12/13/2007	151								
CD-SB-39 (9-10)	12/13/2007	4.8								
CD-SB-40(1.5-2.5)	12/12/2007	132 Jv	4.2	30.3	0.16 B	0.23 B	4.8 Jv	2.8 B	14 Jv	5.7
CD-SB-40(5.5-6.5)	12/12/2007	14.1	1 B	17.7 B	0.072 B	0.42 B	2.4	0.63 B	12.8	8.3
IDEM Human Health		970	20	220000	2300	590	1000000	NE	46000	23000
Region 9 PRG		800	NE	67000	1900	450	450	1900	41000	20000

SAMPLE ID		Tin	Vanadium	Zinc	Mercury
CD-SB-39 (0-1)	12/13/2007				
CD-SB-39 (4-5)	12/13/2007				
CD-SB-39 (9-10)	12/13/2007				
CD-SB-40(1.5-2.5)	12/12/2007	10.6 B J	6.3	55.8 Jv	0.11 B
CD-SB-40(5.5-6.5)	12/12/2007		1.9 B	163	0.036 B
IDEM Human Health		NE	NE	340000	340
Region 9 PRG		100000	1000	100000	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 29
C&D Technologies
Attica, IN
Area 13 Organic Soil Data**

SAMPLE ID		pH (solid)	Carbon disulfide	Toluene	Benzo(a)anthracene	Chrysene	Fluoranthene
CD-SB-42(0-1)	12/14/2007	8.8					
CD-SB-42(4-5)	12/14/2007	8.3					
CD-SB-48(0-1)	12/12/2007	8.1					
CD-SB-48(4-5)	12/12/2007	9.7					
CD-SB-49(0-1)	12/12/2007		0.2 J	0.35 J	19	27	60
CD-SB-49(4-5)	12/12/2007		0.26 J	0.45 J			
IDEM Human Health		NE	480000	310000	15000	1500000	16000000
Region 9 PRG		NE	720000	310000	2100	210000	22000000

SAMPLE ID		Pyrene	bis(2-Ethylhexyl) phthalate	Benzene	Phenanthrene
CD-SB-42(0-1)	12/14/2007				
CD-SB-42(4-5)	12/14/2007				
CD-SB-48(0-1)	12/12/2007				
CD-SB-48(4-5)	12/12/2007				
CD-SB-49(0-1)	12/12/2007	46			23
CD-SB-49(4-5)	12/12/2007		32 J	0.26 J	
IDEM Human Health		12000000	980000	14000	1200000
Region 9 PRG		29000000	120000	1400	29000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 30
C&D Technologies
Attica, IN
Area 13 Inorganic Soil Data**

SAMPLE ID		Lead	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Nickel	Vanadium	Zinc
CD-SB-42(0-1)	12/14/2007	10.6										
CD-SB-42(4-5)	12/14/2007	21.7										
CD-SB-43(0-1)	12/14/2007	18										
CD-SB-43(4-5)	12/14/2007	13.8										
CD-SB-44(0-1)	12/14/2007	10.8										
CD-SB-44(4-5)	12/14/2007	11.1										
CD-SB-45(0-1)	12/12/2007	74.9										
CD-SB-45(4-5)	12/12/2007	14.9										
CD-SB-47(0-1)	12/12/2007	15.3										
CD-SB-47(4-5)	12/12/2007	3.3										
CD-SB-48(0-1)	12/12/2007	33.7										
CD-SB-48(4-5)	12/12/2007	7.4										
CD-SB-49(0-1)	12/12/2007	462	4.7	28	0.21 B	0.23 B	5.6	4 B	9.7	9.2	10.1	39.8
CD-SB-49(4-5)	12/12/2007	10.7	4.8	32.1	0.25 B	0.18 B	8.4	4.4 B	11	10.1	12.3	39.1
IDEM Human Health		970	20	220000	2300	590	1000000	NE	46000	23000	NE	340000
Region 9 PRG		800	NE	67000	1900	450	450	1900	41000	20000	1000	100000

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 31
C&D Technologies
Attica, IN
Area 15 Organic Soil Data**

SAMPLE ID		pH (solid)	Benzene	cis-1,2-Dichloroethene	Toluene	Acetone	Xylenes (total)
CD-SB-50(0-1)	12/11/2007	8.3	0.83 J		1.8 J	6.6 J	
CD-SB-50(4-5)	12/11/2007	7.9		2.3 J		10 J	
CD-SB-50 (9-10)	12/11/2007	7.9	47 Jv	310 Jv	26 Jv		39 Jv
CD-SB-51(0-1)	12/11/2007				0.29 J	40	
CD-SB-51(4-5)	12/11/2007					28 B	
CD-SB-51 (9-10)	12/11/2007						
CD-SB-52(0-1)	12/11/2007	7.8			0.46 J		
CD-SB-52(4-5)	12/11/2007	8.1				78 B	
IDEM Human Health		NE	14000	140000	310000	51000000	170000
Region 9 PRG		NE	1400	150000	310000	54000000	420000

SAMPLE ID		Vinyl acetate	Tetrachloroethene	Carbon disulfide	Aroclor 1242	Aroclor 1254	Aroclor 1248
CD-SB-50(0-1)	12/11/2007	1.1 J	1.2 J	2.2 J			
CD-SB-50(4-5)	12/11/2007				97	47	
CD-SB-50 (9-10)	12/11/2007						
CD-SB-51(0-1)	12/11/2007						
CD-SB-51(4-5)	12/11/2007					20 J	
CD-SB-51 (9-10)	12/11/2007			0.22 Jv			30 Jv
CD-SB-52(0-1)	12/11/2007						
CD-SB-52(4-5)	12/11/2007			0.54 J			
IDEM Human Health		1400000	16000	480000	5300	5300	5300
Region 9 PRG		1400000	1300	720000	740	740	740

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 31 cont.
 C&D Technologies
 Attica, IN
 Area 15 Organic Soil Data

SAMPLE ID		Aroclor 1260	Trichloroethene	bis(2-Ethylhexyl) phthalate	2-Butanone (MEK)
CD-SB-50(0-1)	12/11/2007		0.45 J		
CD-SB-50(4-5)	12/11/2007		0.53 J		
CD-SB-50 (9-10)	12/11/2007		220 Jv		
CD-SB-51(0-1)	12/11/2007				21
CD-SB-51(4-5)	12/11/2007				
CD-SB-51 (9-10)	12/11/2007	23 Jv		41 Jv	
CD-SB-52(0-1)	12/11/2007				
CD-SB-52(4-5)	12/11/2007				30
IDEM Human Health		5300	24000	980000	28000000
Region 9 PRG		740	110	120000	110000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.


NE = Screening value has not been established for this constituent.


J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 32
C&D Technologies
Attica, IN
Area 15 PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene
CD-SB-50(0-1)	12/11/2007				100	120
CD-SB-50(4-5)	12/11/2007	34	54		43	90
CD-SB-50 (9-10)	12/11/2007	62 Jv	74 Jv	140 Jv	130 Jv	510 Jv
CD-SB-51(0-1)	12/11/2007	32	59		85	160
CD-SB-51(4-5)	12/11/2007					33
CD-SB-51 (9-10)	12/11/2007				25 Jv	32 Jv
CD-SB-52(0-1)	12/11/2007	21	34	8.9	29	51
CD-SB-52(4-5)	12/11/2007	33	51	21	36	91
IDEM Human Health		NE	1600000	24000000	2800000	120000000
Region 9 PRG		NE	NE	29000000	190000	100000000

SAMPLE ID		Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene
CD-SB-50(0-1)	12/11/2007	460	730	1100	520	370
CD-SB-50(4-5)	12/11/2007	360	380	660	240	280
CD-SB-50 (9-10)	12/11/2007	1600 Jv	1500 Jv	2200 Jv	960 Jv	730 Jv
CD-SB-51(0-1)	12/11/2007	800	690	1300	510	370
CD-SB-51(4-5)	12/11/2007	34	57	69		
CD-SB-51 (9-10)	12/11/2007	110 Jv	150 Jv	250 Jv	150 Jv	84 Jv
CD-SB-52(0-1)	12/11/2007	180	260	370	290	130
CD-SB-52(4-5)	12/11/2007	370	290	480	200	180
IDEM Human Health		15000	1500	15000	12000000	150000
Region 9 PRG		2100	210	2100	NE	21000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 32 cont.
C&D Technologies
Attica, IN
Area 15 PAH Soil Data**

SAMPLE ID		Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-c,d)pyrene	Naphthalene
CD-SB-50(0-1)	12/11/2007	570	180	450		480	
CD-SB-50(4-5)	12/11/2007	400		470		250	39
CD-SB-50 (9-10)	12/11/2007	1700 Jv	320 Jv	2900 Jv	210 Jv	860 Jv	94 Jv
CD-SB-51(0-1)	12/11/2007	860	240	1200	26	470	28
CD-SB-51(4-5)	12/11/2007	64		39			
CD-SB-51 (9-10)	12/11/2007	130 Jv	38 Jv	93 Jv	7.9 Jv	110 Jv	
CD-SB-52(0-1)	12/11/2007	220	84	230		180	24
CD-SB-52(4-5)	12/11/2007	430	75	510	39	190	43
IDEM Human Health		1500000	1500	16000000	16000000	15000	8000000
Region 9 PRG		210000	210	22000000	26000000	2100	190000

SAMPLE ID		Phenanthrene	Pyrene
CD-SB-50(0-1)	12/11/2007	120	440
CD-SB-50(4-5)	12/11/2007	220	410
CD-SB-50 (9-10)	12/11/2007	1700 Jv	3400 Jv
CD-SB-51(0-1)	12/11/2007	420	1000
CD-SB-51(4-5)	12/11/2007	42	53
CD-SB-51 (9-10)	12/11/2007	54 Jv	110 Jv
CD-SB-52(0-1)	12/11/2007	120	270 Jv
CD-SB-52(4-5)	12/11/2007	260	480
IDEM Human Health		1200000	12000000
Region 9 PRG		29000000	29000000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

URS used IDEM's Human Health Industrial Pyrene Screening Level Number of 12,000,000 ug/kg for Benzo(g,h,i)perylene.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM Human Health SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 33
C&D Technologies
Attica, IN
Area 15 Inorganic Soil Data

SAMPLE ID		Arsenic	Barium	Cadmium	Chromium	Lead	Silver	Mercury
CD-SB-50(0-1)	12/11/2007	8.4	56.5 J	0.3 B	12	15.6		
CD-SB-50(4-5)	12/11/2007	9.2	407 J	2.7	16.1	1140	11.8	0.089 B
CD-SB-50 (9-10)	12/11/2007	15.8	326 J	2.1	17.2	885	0.98 B	0.68
CD-SB-51(0-1)	12/11/2007	5.6	40.5 J	0.32 B	12.2	53.1		0.054 B
CD-SB-51(4-5)	12/11/2007	11.7	44.7 J	0.57	7.1	34.4		
CD-SB-51 (9-10)	12/11/2007	7.7	261 J	0.83	13.7	471	5.3	0.056 B
CD-SB-52(0-1)	12/11/2007	24.4	20.7 B J	0.23 B	5.3	17.7		
CD-SB-52(4-5)	12/11/2007	5.2	84.1 J	0.43 B	11.8	103		0.11 B
IDEM Human Health		20	220000	590	1000000	970	5700	340
Region 9 PRG		NE	67000	450	450	800	5100	310

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.


Jv = Result is considered to be an estimated value based on data validation.


B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 34
C&D Technologies
Attica, IN
Area 16 Organic Soil Data**

SAMPLE ID		pH (solid)
CD-SB-53(0-1)	12/14/2007	8.6
CD-SB-53(4-5)	12/14/2007	10
IDEM Human Health		NE
Region 9 PRG		NE

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM Human Health = IDEM human health industrial screening level.

Region 9 PRG = EPA Region 9 PRG screening level.

Total PCB's number of 5,300 ug/kg used for each Aroclor.


NE = Screening value has not been established for this constituent.


J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 35
C&D Technologies
Attica, IN
Riverbank Area PAH Soil Data**

SAMPLE ID		1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene
CD-SB-55 (0-1)	1/8/2008	8.6 U	8.6 U	8.6 U	17	26
CD-SB-55 (0-1) DUP	1/8/2008	7.1 U	7.1 U	7.1 U	15	14
CD-SB-56 (0-1)	1/8/2008	8.7 U	8.7 U	8.7 U	39	26
CD-SB-57 (0-1)	1/8/2008	9.1 U	9.1 U	9.1 U	9.1 U	9.1 U
CD-SB-58 (0-1)	1/8/2008	8.8 U	8.8 U	8.8 U	8.8 U	13
CD-SB-59 (0-1)	1/8/2008	8.9 U	8.9 U	8.9 U	8.9 U	13

SAMPLE ID		Fluoranthene	Fluorene	Naphthalene	Phenanthrene
CD-SB-55 (0-1)	1/8/2008	180	8.6 U	8.6 U	73
CD-SB-55 (0-1) DUP	1/8/2008	77	7.1 U	7.1 U	30
CD-SB-56 (0-1)	1/8/2008	130	8.7 U	8.7 U	47
CD-SB-57 (0-1)	1/8/2008	55	9.1 U	9.1 U	26
CD-SB-58 (0-1)	1/8/2008	97	8.8 U	8.8 U	44
CD-SB-59 (0-1)	1/8/2008	96	8.9 U	8.9 U	52

SAMPLE ID		Total LMW PAH
CD-SB-55 (0-1)	1/8/2008	317.5
CD-SB-55 (0-1) DUP	1/8/2008	153.75
CD-SB-56 (0-1)	1/8/2008	263.75
CD-SB-57 (0-1)	1/8/2008	112.85
CD-SB-58 (0-1)	1/8/2008	180.4
CD-SB-59 (0-1)	1/8/2008	187.7
EPA Eco Risk SV		1100

Notes:

All results reported in micrograms per kilogram (ug/kg)

EPA Eco Risk SV = EPA SSL screening value for Total Low Molecular Weight and Total High Molecular Weight PAH values.

U = Not Detected

= Constituent detected above the EPA Ecological Risk Screening Value.

Table 35 cont.
C&D Technologies
Attica, IN
Riverbank Area PAH Soil Data

SAMPLE ID		Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Chrysene	Benzo(k)fluoranthene
CD-SB-55 (0-1)	1/8/2008	150	170	230	160	96
CD-SB-55 (0-1) DUP	1/8/2008	74	97	170	99	59
CD-SB-56 (0-1)	1/8/2008	120	210	250	180	160
CD-SB-57 (0-1)	1/8/2008	28	35	48	40	21
CD-SB-58 (0-1)	1/8/2008	61	58	78	75	39
CD-SB-59 (0-1)	1/8/2008	80	74	86	97	68

SAMPLE ID		Benzo(g,h,i)perylene	Dibenz(a,h)anthracene	Indeno(1,2,3-c,d)pyrene	Pyrene
CD-SB-55 (0-1)	1/8/2008	110	34	96	230
CD-SB-55 (0-1) DUP	1/8/2008	82	27	69	110
CD-SB-56 (0-1)	1/8/2008	150	41	130	190
CD-SB-57 (0-1)	1/8/2008	32	9.1 U	24	69
CD-SB-58 (0-1)	1/8/2008	47	8.8 U	45	130
CD-SB-59 (0-1)	1/8/2008	52	8.9 U	53	130

SAMPLE ID		Total HMW PAH
CD-SB-55 (0-1)	1/8/2008	1276
CD-SB-55 (0-1) DUP	1/8/2008	787
CD-SB-56 (0-1)	1/8/2008	1431
CD-SB-57 (0-1)	1/8/2008	301.55
CD-SB-58 (0-1)	1/8/2008	537.4
CD-SB-59 (0-1)	1/8/2008	644.45
EPA Eco Risk SV		29000

Notes:

All results reported in micrograms per kilogram (ug/kg)

EPA Eco Risk SV = EPA SSL screening value for Total Low Molecular Weight and Total High Molecular Weight PAH values.

U = Not Detected

= Constituent detected above the EPA Ecological Risk Screening Value.

**Table 36
C&D Technologies
Attica, IN
Riverbank Area Inorganic Soil Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead
CD-SB-55 (0-1)	1/8/2008	5.5 Jv	7	384 J	0.39 B	2.6	17.5	6.3 B	48.5	1050
CD-SB-55 (0-1) DUP	1/8/2008	2.1 Jv	4.8	196 J	0.35 B	0.75	11.9	5 B	21	
CD-SB-56 (0-1)	1/8/2008		6	115 J	0.46 B	0.74	13.2	6.5	18.3	69.3
CD-SB-57 (0-1)	1/8/2008		3.6	69.5 J	0.25 B	0.5 B	7.6	3.9 B	10.8	16.8
CD-SB-58 (0-1)	1/8/2008	0.52 Jv	6.4	297 J	0.38 B	1	13.1	6.5 B	28	53.7
CD-SB-59 (0-1)	1/8/2008	43.5 Jv	21	835 J	0.56 B	14.4	48.5	13.6	196	6260
CD-SB-87(0-1)	4/9/2008	0.77 Jv	5.7	135	0.18 B	1.4	15.2	6.1 B	20.7	65.2
CD-SB-88(0-1)	4/9/2008		6.7	146	0.25 B	1.5	21.8	6.9 B	26.6	69.9
CD-SB-89(0-1)	4/9/2008		5.4	227	0.18 B	0.92	16.1	5.4 B	39.6	61.2
CD-SB-90(0-1)	4/9/2008		5.4	118	0.2 B	1.4	16.1	5.7 B	19.9	70
CD-SB-90(0-1)DUP	4/9/2008		5.3	116	0.2 B	1.3	14.3	5.2 B	21.3	73.1
CD-SB-91(0-1)	4/9/2008		4.1	70.8	0.13 B	0.47 B	9.1	4.4 B	11.2	18.2
CD-SB-92(0-1)	4/9/2008		2.9	54.3		0.26 B	6.3	3.1 B	8.2	13
CD-SB-93(0-1)	4/9/2008		4.9	84.1	0.21 B	0.37 B	10.4	5 B	14.6	18.3
CD-SB-94(0-1)	4/9/2008		6.8	119	0.18 B	0.36 B	12.8	6.3 B	24.2	31.8
CD-SB-95(0-1)	4/9/2008		5.5	90.8	0.2 B	0.42 B	11.6	5.6 B	15	19.8
IDEM HH Res		140	3.9	63000	680	12	520000	NE	14000	400
Region 9 PRG Res		31	NE	5375	154	37	NE	903	3129	400

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM HH Res = IDEM RISC Residential Soil DCL screening level.

Region 9 PRG Res = EPA Region 9 Residential PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

E = Matrix Interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 36 cont.
C&D Technologies
Attica, IN
Riverbank Area Inorganic Soil Data**

SAMPLE ID		Nickel	Silver	Tin	Vanadium	Zinc	Mercury	Thallium
CD-SB-55 (0-1)	1/8/2008	17.6	4.9	20.2 J	16.7	372	0.099 B	
CD-SB-55 (0-1) DUP	1/8/2008	13.2 E	1.2		14.1	136	0.069 B	0.79 B
CD-SB-56 (0-1)	1/8/2008	16.2	0.21 B		18.5	83.5	0.049 B	1.2 B
CD-SB-57 (0-1)	1/8/2008	9.7	0.14 B		10.1	49.4	0.028 B	
CD-SB-58 (0-1)	1/8/2008	16.7	1.3		16.1	105	0.042 B	0.77 B
CD-SB-59 (0-1)	1/8/2008	43	2.1	153 J	23.4 B G	2760	0.13	3.9 B G
CD-SB-87(0-1)	4/9/2008	16.3	0.25 B		17	94.7	0.16	
CD-SB-88(0-1)	4/9/2008	32.4	0.94 B		18.3	249	0.15	1 B
CD-SB-89(0-1)	4/9/2008	15.1	0.71 B		15.8	128	0.066 B	
CD-SB-90(0-1)	4/9/2008	15.9	0.56 B		15.5	94.5	0.29	0.86 B
CD-SB-90(0-1)DUP	4/9/2008	14.9	0.17 B		15.7	90.4	0.21	0.83 B
CD-SB-91(0-1)	4/9/2008	11.5	0.21 B		12.5	61.7	0.04 B	
CD-SB-92(0-1)	4/9/2008	7.3	0.38 B		8.6	37.5	0.026 B	
CD-SB-93(0-1)	4/9/2008	12.7			14.7	61.4	0.062 B	1.2 B
CD-SB-94(0-1)	4/9/2008	17.3	0.2 B		16.7	74.6	0.064 B	0.76 B
CD-SB-95(0-1)	4/9/2008	13.9 E			16.3	65.8	0.058 B	0.82 B
IDEM HH Res		6900	1700	NE	NE	100000	100	24
Region 9 PRG Res		1564	391	46924	78	23463	NE	5

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM HH Res = IDEM RISC Residential Soil DCL screening level.

Region 9 PRG Res = EPA Region 9 Residential PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

E = Matrix Interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 37
C&D Technologies
Attica, IN
Residential Area Inorganic Soil Data**

SAMPLE ID		Lead**	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper
CD-SB-61 (0-1)	1/8/2008	144	0.68 Jv	14.6	35.2 J	0.29 B	0.48 B	8.4	4.4 B	19.3
CD-SB-61 (0-1) DUP	1/8/2008	241	1.1 Jv	13.2	51.5 J	0.64	0.55 B	9	4.9 B	24.4
CD-SB-64 (0-1)	1/8/2008	520	1.1 Jv	10.4	98.8 J	0.37 B	0.98	14.6	6.5	44.2
IDEM HH Res		400	140	3.9	63000	680	12	520000	NE	14000
Region 9 PRG Res		400	31	NE	5375	154	37	NE	903	3129

SAMPLE ID		Nickel	Thallium	Vanadium	Zinc	Mercury	Silver
CD-SB-61 (0-1)	1/8/2008	14.6	1.2	11.6	70.4	0.085 B	
CD-SB-61 (0-1) DUP	1/8/2008	18.7	1.1 B	13.2	82.9	0.13	
CD-SB-64 (0-1)	1/8/2008	17.5	1.2	18.3	306	0.28	0.32 B
IDEM HH Res		6900	24	NE	100000	100	1700
Region 9 PRG Res		1564	5	78	23463	NE	391

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

Lead** = see Table 38 for all residential area lead results.

IDEM HH Res = IDEM RISC Residential Soil DCL screening level.

Region 9 PRG Res = EPA Region 9 Residential PRG screening level.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

E = Matrix Interference.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

Table 38
C&D Technologies
Attica, IN
Residential Area Lead Soil Data

SAMPLE ID		Lead	Concentration at Each Location (a)	Concentration at Each Exposure Area (b)
CD-SB-60 (0-1)	1/8/2008	91.6	91.6	
CD-SB-61 (0-1)	1/8/2008	144		
CD-SB-61 (0-1) DUP	1/8/2008	241	192.5	
CD-SB-62 (0-1)	1/8/2008	777		
CD-SB-62 (0-1) DUP	1/8/2008	483	630	304.7
CD-SB-63 (0-1)	1/8/2008	212		
CD-SB-63 (0-1) DUP	1/8/2008	113	162.5	
CD-SB-64 (0-1)	1/8/2008	520	520	
CD-SB-65 (0-1)	1/8/2008	233		
CD-SB-65 (0-1) DUP	1/8/2008	158	195.5	292.67
CD-SB-66 (0-1)	1/8/2008	9.9		
CD-SB-66 (0-1) DUP	1/8/2008	5.7	7.8	7.8
CD-SB-74 (0-1)	3/24/2008	164	164	164
CD-SB-75 (0-1)	3/24/2008	203	203	203
CD-SB-76 (0-1)	3/24/2008	170	170	170
CD-SB-77 (0-1)	3/24/2008	80.5		
CD-SB-77 (0-1) DUP	3/24/2008	178	129.25	129.25
CD-SB-78 (0-1)	3/24/2008	280	280	280
CD-SB-79 (0-1)	3/24/2008	253	253	253
CD-SB-80 (0-1)	3/24/2008	126	126	126
CD-SB-81 (0-1)	3/24/2008	217	217	217
CD-SB-82 (0-1)	3/24/2008	176	176	176
CD-SB-83 (0-1)	3/24/2008	130	130	130
CD-SB-84 (0-1)	3/24/2008	126		
CD-SB-84 (0-1) DUP	3/24/2008	109	117.5	117.5
CD-SB-85 (0-1)	3/24/2008	146	146	146
CD-SB-86 (0-1)	3/24/2008	170	170	170
IDEM HH Res		400		
Region 9 PRG Res		400		
Arithmetic Mean				180.43

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

Lead** = see Table 38 for all residential area lead results.

IDEM HH Res = IDEM RISC Residential Soil DCL screening level.

Region 9 PRG Res = EPA Region 9 Residential PRG screening level.

(a) Concentration of the primary and duplicate samples were averaged.

(b) The arithmetic mean concentration was calculated based on an exposure area of 0.5 acre (the default for a residential lot). Data from sample locations that are within a 0.5-acre area (CD-SB-60/CD-SB-61/CD-SB-62 and CD-SB-63/CD-SB-64/CD-SB-65) were grouped as one exposure area.

 = Constituent detected above the IDEM Human Health SV

 = Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 39
C&D Technologies
Attica, IN
Soil Background Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel
CD-SB-67 (0-1)	1/7/2008	7.9 UJ	8.5	124 J	0.62 B	0.74	15.1	8.8	20.1	15.4	22
CD-SB-67 (4-5)	1/7/2008	7.9 UJ	9.4	130 J	0.68	0.85	17.2	10	22.5	14.7	25.2
CD-SB-68 (0-1)	1/7/2008	8.7 UJ	9.3	138 J	0.73	0.83	18.5	10.3	23.2	15.9	26
CD-SB-68 (4-5)	1/7/2008	7.3 UJ	8.3	107 J	0.59 B	0.67	14.7	8.7	18.5	11.4	21.9
CD-SB-69 (0-1)	1/7/2008	7.7 UJ	8.8	123 J	0.62 B	0.77	14.7	9.4	24.2	13.9	23.8
CD-SB-69 (4-5)	1/7/2008	7.6 UJ	9	118 J	0.59 B	0.75	14.3	9.2	21.3	12.9	22.9
CD-SB-70 (0-1)	1/7/2008	7.8 UJ	7	105 J	0.55 B	0.67	14.3	7.7	17.3	13.1	19.4
CD-SB-70 (4-5)	1/7/2008	8.3 UJ	10	139 J	0.71	0.84	17.8	10.9	23.8	14.2	27.1
CD-SB-71 (0-1)	1/7/2008	8.1 UJ	10.5	149 J	0.78	0.9	19.4	11.3	25.3	15.8	28.8
CD-SB-71 (4-5)	1/7/2008	8.2 UJ	9.5	121 J	0.63 B	0.76	15.6	9.6	20.1	12.6	24
CD-SB-72 (0-1)	1/7/2008	7.5 UJ	7.8	116 J	0.6 B	0.77	15.3	8.3	20.2	17.4	20.8
CD-SB-72 (4-5)	1/7/2008	8 UJ	10.1	118 J	0.69	0.69	17.6	10.1	20.7	14.4	24.8
CD-SB-73 (0-1)	1/7/2008	0.56 Jv	5	67.6 J	0.37 B	0.76	11.3	5.3 B	13.1	14.1	13.2
CD-SB-73 (4-5)	1/7/2008	7.9 UJ	7.4	110 J	0.57 B	0.63 B	15.1	8.4	19.1	12.6	20.8
IDEM HH Res		140	3.9	63000	680	12	520000	903	14000	400	6900

SAMPLE ID		Selenium	Silver	Thallium	Tin	Vanadium	Zinc	Mercury
CD-SB-67 (0-1)	1/7/2008	0.66 U	1.3 U	1.3 U	13.2 UJ	21.5	80.3	0.043 B
CD-SB-67 (4-5)	1/7/2008	0.66 U	1.3 U	1.3 U	13.1 UJ	23.9	88.6	0.025 B
CD-SB-68 (0-1)	1/7/2008	0.73 U	1.5 U	1.8	14.5 UJ	26.1	91.2	0.048 B
CD-SB-68 (4-5)	1/7/2008	0.6 U	1.2 U	1.1 B	12.1 UJ	20.8	73.2	0.042 B
CD-SB-69 (0-1)	1/7/2008	0.64 U	1.3 U	0.72 B	12.9 UJ	19.5	84.5	0.07 B
CD-SB-69 (4-5)	1/7/2008	0.63 U	1.3 U	1.3 U	12.6 UJ	20.6	80.1	0.041 B
CD-SB-70 (0-1)	1/7/2008	0.65 U	1.3 U	1.3	13 UJ	20.5	70.8	0.048 B
CD-SB-70 (4-5)	1/7/2008	0.69 U	1.4 U	1.4 U	13.8 UJ	25.3	90.3	0.023 B
CD-SB-71 (0-1)	1/7/2008	0.67 U	1.3 U	1.2 B	13.4 UJ	27.1	97.5	0.048 B
CD-SB-71 (4-5)	1/7/2008	0.69 U	1.4 U	1 B	13.7 UJ	22.3	77.3	0.025 B
CD-SB-72 (0-1)	1/7/2008	0.62 U	1.2 U	1 B	12.4 UJ	22.2	82.6	0.077 B
CD-SB-72 (4-5)	1/7/2008	0.67 U	1.3 U	0.96 B	13.3 UJ	24.7	87.8	0.041 B
CD-SB-73 (0-1)	1/7/2008	0.59 U	1.2 U	0.99 B	11.8 UJ	14.9	59.3	0.044 B
CD-SB-73 (4-5)	1/7/2008	0.65 U	1.3 U	0.85 B	13.1 UJ	20.9	74.4	0.073 B
IDEM HH Res		1700	1700	24	46924	78	100000	100

Notes:

All results reported in milligrams per kilogram (mg/kg)

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated RL due to matrix interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

**Table 40
C&D Technologies
Attica, IN
Groundwater Data - December '07/January '08**

SAMPLE ID		Barium	Antimony	Cobalt	Copper	Vanadium	cis-1,2-Dichloroethene	Toluene	Zinc	Arsenic
CD-MW-1	12/17/2007	83.6 B J	0.14 B	0.76 B	1.4 B	0.86 B	0.22 J	0.22 J		
CD-MW-1S	1/9/2008	84 B J	0.13 B	0.77 B	5.8	1.2 B			8.7 B	0.69 B
CD-MW-1S-DUP	1/9/2008	83.8 B J		0.72 B	5.8	1.2 B			9.2 B	0.65 B
CD-MW-2	12/19/2007	104 B J		0.7 B	1.4 B	1.2 B	3			0.79 B
CD-MW-2S	1/9/2008	85.8 B J	0.16 B	4	7.5	3 B		0.23 J	13.5 B	1.9
CD-MW-3	12/17/2007	109 B J	0.34 B	3.6	5.2	3.9 B		0.18 J		1.4
CD-MW-3S	12/19/2007	56 B J		1.3	2.5	2 B		0.17 J	14 B	1.5
CD-MW-4	12/18/2007	83.8 B J		0.58 B	1.5 B	1.4 B		0.22 J	5.9 B	0.69 B
CD-MW-4S	12/18/2007	210 J	0.17 B	3.1	8.1	2.8 B			19.9 B	7.6
CD-MW-5	12/18/2007	125 B J		1.4	2.3	2 B		0.25 J	10.2 B	4.7
CD-MW-5-DUP	12/18/2007	125 B J		1.6	2.7	2.4 B		0.25 J	11.1 B	5.2
CD-MW-6S	12/18/2007	81.6 B J	0.22 B	1.9	7	4.6 B			21.7	4.6
CD-MW-7S	12/18/2007	65.2 B J		0.47 B	1.1 B	0.52 B				0.6 B
CD-MW-8S	12/19/2007	74.9 B J	0.38 B	0.72 B	3.4	1.9 B			10.7 B	1.2
IDEM GW RDCL		2000	6	NE	1300	NE	70	1000	11000	10
EPA SV		2000	6	730	1300	36	70	1000	11000	10

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM RDCL = Indiana Department of Environmental Management Residential Default Closure Level - Federal Safe Drinking Water Act (SWDA) maximum contaminant levels (MCLs) represent the default RDCL for those contaminants where an MCL has been established.

EPA SV = EPA Maximum Contaminant Level (MCL) or EPA Region 9 PRG

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM GW DCL.

 = Constituent detected above the EPA SV (if IDEM GW DCL value unavailable).

Table 40 cont.
C&D Technologies
Attica, IN
Groundwater Data - December '07/January '08

SAMPLE ID		Lead	Chromium	Thallium	Carbon disulfide	Carbon tetrachloride	Nickel	Trichloroethene
CD-MW-1	12/17/2007	1.3					4.2	7.3
CD-MW-1S	1/9/2008	0.83 B					4.8	1.5
CD-MW-1S-DUP	1/9/2008	0.89 B					4.6	1.6
CD-MW-2	12/19/2007	0.62 B					3.7	20
CD-MW-2S	1/9/2008	2.2	5.4 B	0.17 B	0.34 J	0.3 J	13.2	2.1
CD-MW-3	12/17/2007	2	7.1 B				5.4	1.9
CD-MW-3S	12/19/2007	1.1					6	
CD-MW-4	12/18/2007	0.81 B					2.7	
CD-MW-4S	12/18/2007	3.2	2.3 B				7.7	
CD-MW-5	12/18/2007	0.95 B					4	
CD-MW-5-DUP	12/18/2007	1.9					4.5	
CD-MW-6S	12/18/2007	4.4	3.3 B				7.8	0.55 J
CD-MW-7S	12/18/2007	0.56 B					3.4	
CD-MW-8S	12/19/2007	1.4					5.2	
IDEM GW RDCL		15	100	2	1300	5	730	5
EPA SV		NE	110	2.4	1000	5	730	5

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM RDCL = Indiana Department of Environmental Management Residential Default Closure Level - Federal Safe Drinking Water Act (SWDA) maximum contaminant levels (MCLs) represent the default RDCL for those contaminants where an MCL has been established.

EPA SV = EPA Maximum Contaminant Level (MCL) or EPA Region 9 PRG

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM GW DCL.

 = Constituent detected above the EPA SV (if IDEM GW DCL value unavailable).

**Table 40 cont.
C&D Technologies
Attica, IN
Groundwater Data - June '08**

SAMPLE ID		Barium	Cadmium	Chromium	Copper	Nickel	Vanadium	Antimony	Zinc	cis-1,2-Dichloroethene
CD-MW-1	6/5/2008	80.3 B J	0.14 B	8.5 B	4 Jv	3.1 J	4.3 B		11.6 B	0.25 J
CD-MW-1-DUP	6/5/2008	80.6 B J		3.2 B			1.6 B		3.7 B	0.25 J
CD-MW-1S	6/4/2008	71.6 B J		1.1 B		0.97 B	1.8 B	0.17 B		0.35 J
CD-MW-2	6/4/2008	91 B J		4.5 B		1.8 B	2.4 B			2.1
CD-MW-2S	6/4/2008	76 B J		5.8 B	3.9 Jv	5.4	4.9 B	0.15 B		
CD-MW-2S-DUP	6/4/2008	77.9 B J		5.7 B	3.9 Jv	5.9	4.6 B	0.18 B		
CD-MW-3	6/5/2008	93.2 B J								
CD-MW-3S	6/5/2008	62.7 B J		2.9 B	5.1 J	4.4 J	6 B	0.18 B	15.8 B	
CD-MW-4	6/3/2008	61.4 B J		2 B		1.5 B	2.7 B			
CD-MW-4S	6/3/2008	225 J	0.18 B	2.9 B	11.9 J	5.6	3.9 B	0.24 B	30.7 Jv	
CD-MW-5	6/4/2008	118 B J		0.97 B		2.3	2.9 B			
CD-MW-6S	6/3/2008	82.4 B J		1.3 B	4 Jv	2.4	2.4 B	0.16 B		
CD-MW-7S	6/4/2008	84 B J				1.7 B	1.1 B	0.14 B		
CD-MW-8S	6/4/2008	61.5 B J				2.5	1.8 B	0.4 B		
CD-MW-9S	6/5/2008	86.3 B J		2.5 B	4.1 J	4.5	3 B	0.3 B		
CD-MW-10S	6/5/2008	189 B J		1.2 B	2.3 J	3.9	1.1 B	0.2 B		
CD-MW-CITY2	6/4/2008									
IDEM GW RDCL		2000	5	100	1300	730	NE	6	11000	70
EPA SV		2000	6	100	1300	730	36	6	11000	70

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM RDCL = Indiana Department of Environmental Management Residential Default Closure Level - Federal Safe Drinking Water Act (SWDA) maximum contaminant levels (MCLs) represent the default RDCL for those contaminants where an MCL has been established.

EPA SV = EPA Maximum Contaminant Level (MCL) or EPA Region 9 PRG

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM GW DCL.

= Constituent detected above the EPA SV (if IDEM GW DCL value unavailable).

**Table 40 cont.
C&D Technologies
Attica, IN
Groundwater Data - June '08**

SAMPLE ID		bis(2-Ethylhexyl) phthalate	Cobalt	Lead	Selenium	Arsenic	Styrene	Beryllium	Chloroform	Tin	Thallium
CD-MW-1	6/5/2008	1 J	1.4	2		2					
CD-MW-1-DUP	6/5/2008		0.57 B	0.89 B		1.2					
CD-MW-1S	6/4/2008		0.4 B	0.7 B	1.4 B	1.1					
CD-MW-2	6/4/2008		0.91 B	0.84 B		2					
CD-MW-2S	6/4/2008		1.7	2.9	1.8 B	2.2					
CD-MW-2S-DUP	6/4/2008		1.8	3	1.6 B	2.1					
CD-MW-3	6/5/2008		0.46 B	0.96 B		0.64 B	0.44 J				
CD-MW-3S	6/5/2008		1.8	3.1	1.5 B	3.9					
CD-MW-4	6/3/2008	1.3 J	0.6 B	1.2		1					
CD-MW-4S	6/3/2008		1.8	22.2		4.2		0.25 B		1.4 B	
CD-MW-5	6/4/2008	0.98 J	1.5	2.1	1.2 B	6.6					
CD-MW-6S	6/3/2008	1 J	0.75 B	2.3		2.1				0.92 B	
CD-MW-7S	6/4/2008		0.36 B	1.8		1.2					
CD-MW-8S	6/4/2008		0.35 B	1.5		1.3					
CD-MW-9S	6/5/2008		1.3	2.8 J		2.2				0.31 B	0.15 B
CD-MW-10S	6/5/2008		1.5			3.1					
CD-MW-CITY2	6/4/2008								4.7		
IDEM GW RDCL		6	NE	15	50	10	100	4	80	NE	2
EPA SV		6	730	15	50	10	100	4		22000	2

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM RDCL = Indiana Department of Environmental Management Residential Default Closure Level - Federal Safe Drinking Water Act (SWDA) maximum contaminant levels (MCLs) represent the default RDCL for those contaminants where an MCL has been established.

EPA SV = EPA Maximum Contaminant Level (MCL) or EPA Region 9 PRG

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM GW DCL.

= Constituent detected above the EPA SV (if IDEM GW DCL value unavailable).

Table 40 cont.
 C&D Technologies
 Attica, IN
 Groundwater Data - June '08

SAMPLE ID		Lead, dissolved	Bromodichloromethane	Bromoform	Dibromochloromethane	Trichloroethene	2-Butanone (MEK)
CD-MW-1	6/5/2008					6.9	
CD-MW-1-DUP	6/5/2008					6.8	
CD-MW-1S	6/4/2008					3.6	
CD-MW-2	6/4/2008					16	
CD-MW-2S	6/4/2008					1.8	
CD-MW-2S-DUP	6/4/2008					1.7	
CD-MW-3	6/5/2008					2.5	
CD-MW-3S	6/5/2008						
CD-MW-4	6/3/2008						
CD-MW-4S	6/3/2008	0.22 B					
CD-MW-5	6/4/2008						
CD-MW-6S	6/3/2008						
CD-MW-7S	6/4/2008						
CD-MW-8S	6/4/2008						
CD-MW-9S	6/5/2008						
CD-MW-10S	6/5/2008						
CD-MW-CITY2	6/4/2008		2.7	1.2	2.7		0.7 J
IDEM GW RDCL		NE	80	80	NE	5	8400
EPA SV		NE				5	7000

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM RDCL = Indiana Department of Environmental Management Residential Default Closure Level - Federal Safe Drinking Water Act (SWDA) maximum contaminant levels (MCLs) represent the default RDCL for those contaminants where an MCL has been established.

EPA SV = EPA Maximum Contaminant Level (MCL) or EPA Region 9 PRG


NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM GW DCL.

 = Constituent detected above the EPA SV (if IDEM GW DCL value unavailable).

**Table 41
C&D Technologies
Attica, IN
Surface Water Data**

SAMPLE ID		Antimony	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Thallium
CD-SW-01	6/5/2008	0.31 B	2.6	67.7 B J	4.4 B	1.3	5.1 J	2.5 J	4.6	0.22 B
CD-SW-02	6/5/2008	0.24 B	2.7	67.9 B J	3.8 B	1.3	5.6 J	2.6 J	4.5	0.15 B
CD-SW-03	6/5/2008	0.24 B	2.7	63.8 B J	4.2 B	1.3	5.5 J	2.6 J	4.7	
IDEM SWQS		45000	0.175	1000	3433333	NE	NE	50	100	48
AWQC		640	0.14	NE	NE	NE	1300	NE	4600	0.47

SAMPLE ID		Vanadium	Zinc	bis(2-Ethylhexyl) phthalate	Beryllium
CD-SW-01	6/5/2008	8.4 B	20.1 J	0.91 J	
CD-SW-02	6/5/2008	7.6 B	19.2 B J	1.4 J	
CD-SW-03	6/5/2008	8 B	24.1 J	2.3	0.35 B
IDEM SWQS		NE	NE	50000	1.17
AWQC		NE	26000	2.2	NE

Notes:

Table shows detected values only.

All results reported in micrograms per liter (ug/L).

IDEM SWQS = IDEM human health surface waer quality standards.

AWQC = Federal ambient water quality criteria.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

= Constituent detected above the IDEM SWQS SV

= Constituent detected above the Region 9 PRG SV (if IDEM Human Health SV not available)

**Table 42
C&D Technologies
Attica, IN
Sediment Data**

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Mercury	Zinc
CD-SED-01	6/4/2008		4.8	69.8 J	0.46 B J	0.31 B	10.1	4.9 B	0.044 B	55.9
CD-SED-02	6/4/2008		5.2	87.6 J	0.55 B J	0.36 B	12.5	6 B	0.09 B	69.9
CD-SED-03	6/4/2008		2.6	63.2 J	0.3 B J	0.28 B	7.1	3.1 B		40.8
CD-SED-04	6/4/2008	1.4 Jv	2.8	70.3 J	0.31 B J	0.28 B	6.6	3.2 B		37.2
CD-SED-05	6/4/2008		2.6	26.4 B J	0.25 B J	0.16 B	5.6	2.7 B	0.023 B	32.4
IDEM DCLs Res		140	3.9	63000	680	12	430	NE	100	100000

SAMPLE ID		Copper	Lead	Nickel	Silver	Thallium	Vanadium
CD-SED-01	6/4/2008	12.3	12.3	12.1		2.6	14.2
CD-SED-02	6/4/2008	15.3	17.1	14.7	0.28 B	2.2	17.5
CD-SED-03	6/4/2008	8.2	9	7.8		2	8.9
CD-SED-04	6/4/2008	7.7	8.7	7.6		3	8.9
CD-SED-05	6/4/2008	4.7	9.3	6.2			7.7
IDEM DCLs Res		14000	400	6900	1700	24	NE

Notes:

Table shows detected values only.

All results reported in milligrams per kilogram (mg/kg)

IDEM DCLs Res = IDEM Direct Contact Levels for Residential areas.

NE = Screening value has not been established for this constituent.

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated reporting limit due to matrix interference.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

= Constituent detected above the IDEM DCLs SV

Table 42 cont.
 C&D Technologies
 Attica, IN
 Sediment Data

SAMPLE ID		2-Butanone (MEK)	Acetone	Acrolein	Benzene	Ethylbenzene	4-Methylphenol
CD-SED-01	6/4/2008	99	420	34 J	3.1 J	1.1 J	310 J
CD-SED-02	6/4/2008	330	1900 B		11 J	7.2 J	660
CD-SED-03	6/4/2008	600	2600 B		5 J		
CD-SED-04	6/4/2008	30 J	570		0.99 J		
CD-SED-05	6/4/2008	13 J	240	26 J	2.3 J	0.75 J	
IDEM DCLs Res		44000000	35000000	500	8400	4600000	910000

SAMPLE ID		bis(2-Ethylhexyl) phthalate	Carbon disulfide	Trichloroethene	Toluene	Xylenes (total)	3-Methylphenol
CD-SED-01	6/4/2008	45 J			30	2.4 J	310 J
CD-SED-02	6/4/2008	51 J	16 J		690	15 J	660
CD-SED-03	6/4/2008	49 J	110		11 J		
CD-SED-04	6/4/2008	250 J			2.3 J		
CD-SED-05	6/4/2008		1.9 J	0.37 J	4.2 J	1.5 J	
IDEM DCLs Res		300000	900000	710	8800000	690000	9100000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM DCLs Res = IDEM Direct Contact Levels for Residential areas.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

 = Constituent detected above the IDEM DCLs SV

Table 42 cont.
 C&D Technologies
 Attica, IN
 Sediment Data

SAMPLE ID		Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene
CD-SED-01	6/4/2008	67	57	80	49	42	72
CD-SED-02	6/4/2008	110	100	120	75	74	110
CD-SED-03	6/4/2008	78	61	88	45	34	83
CD-SED-04	6/4/2008	45	41	46	27	24	48
CD-SED-05	6/4/2008	66	54	68	41	43	70
IDEM DCLs Res		5000	500	5000	NE	50000	500000

SAMPLE ID		Indeno(1,2,3-c,d)pyrene	Fluoranthene	Phenanthrene	Dibenz(a,h)anthracene	Anthracene	Pyrene
CD-SED-01	6/4/2008	38	140	52			110
CD-SED-02	6/4/2008	61	260	94	17	16	190
CD-SED-03	6/4/2008	38	140	46			130
CD-SED-04	6/4/2008	23	83	38			67
CD-SED-05	6/4/2008	29	130	58		14	100
IDEM DCLs Res		5000	6300000	470000	500	47000000	4700000

Notes:

Table shows detected values only.

All results reported in micrograms per kilogram (ug/kg)

IDEM DCLs Res = IDEM Direct Contact Levels for Residential areas.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

IDEM DCLs Res = Constituent detected above the IDEM DCLs SV

**Table 43
C&D Technologies
Attica, IN
Surface Water and Sediment Background Data**

SAMPLE ID		Copper, Dissolved	Arsenic	Barium	Chromium	Cobalt	Copper	Thallium	Vanadium
CD-SW-BKG01	6/5/2008	4.5 J	2.6	67.1 B J	3.7 B	1.3	5.8 J	0.43 B	7.9 B
IDEM SWQS		NE	0.175	1000	3433333	NE	NE	48	NE

SAMPLE ID		bis(2-Ethylhexyl) phthalate	Zinc	Antimony	Tin	Methylene chloride	Lead	Nickel
CD-SW-BKG01	6/5/2008	2.4	21.1 J	0.47 B	0.32 B	0.5 J	2.6 J	4.4
IDEM SWQS		50000	NE	45000			50	100

Notes:

Table shows detected values only.

All surface water results reported in micrograms per liter (ug/L).

IDEM SWQS = IDEM human health surface waer quality standards.

NE = Screening value has not been established for this constituent.

J = Compound detected below the quantitation limit, but above the MDL.

Jv = Result is considered to be an estimated value based on data validation.

B = Analyte was detected in method blank.

B J = Analyte was detected in method blank and below the quantitation limit.

UJ = Analyte is considered not detected for QA/validation reason.

U = Not Detected.

 = Constituent detected above the IDEM SWQS SV

Table 43 cont.
C&D Technologies
Attica, IN
Surface Water and Sediment Background Data

SAMPLE ID		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt
CD-SED-BKG03	6/4/2008		2.2	12.6 B J			4.4	2.3 B
CD-SED-BKG04	6/4/2008	1.9 Jv	3.8	27 J	0.25 B J	0.1 B		3.2 B
CD-SED-BKG05	6/4/2008	0.46 Jv	4.3	27.8 J	0.23 B J	0.066 B	7.9	4.2 B
CD-SED-BKG06	6/4/2008		4.5	35.1 J		0.052 B	3.6	2.5 B
CD-SED-BKG07	6/4/2008		5.1	26.9 J		0.098 B	2.7	3.9 B
IDEM DCLs Res		140	3.9	63000	680	12	430	NE

SAMPLE ID		Vanadium	Zinc	Thallium	Mercury	Nickel	Lead	Copper
CD-SED-BKG03	6/4/2008	6.3	16			4.7	4.1	1.7 B
CD-SED-BKG04	6/4/2008	7.5	25.8	1 B	0.026 B	6.4	4.6	3 B
CD-SED-BKG05	6/4/2008	8.7	27	2.1		8.7	4.8	3.5
CD-SED-BKG06	6/4/2008	5.6 B	25.3	1.7		6.3	4.5	4.2
CD-SED-BKG07	6/4/2008	3.9 B	35.6	2.3		7.8	5.7	3.6
IDEM DCLs Res		NE	100000	24	100	6900	400	14000

SAMPLE ID		bis(2-Ethylhexyl) phthalate	2-Butanone (MEK)	Carbon disulfide	Chloromethane	Benzene
CD-SED-BKG03	6/4/2008		4.4 J		0.97 J	3.4 J
CD-SED-BKG04	6/4/2008		5.4 J	2.3 J		2.6 J
CD-SED-BKG05	6/4/2008	250 J	4.4 J			2.2 J
CD-SED-BKG06	6/4/2008		4.7 J	2.3 J		2.3 J
CD-SED-BKG07	6/4/2008					2.1 J

SAMPLE ID		Ethylbenzene	Toluene	Xylenes (total)	Acetone
CD-SED-BKG03	6/4/2008	2.1 J	7.5	3.5 J	49
CD-SED-BKG04	6/4/2008	0.96 J	4.5 J	2.1 J	76
CD-SED-BKG05	6/4/2008	1.5 J	5.4	2.9 J	22
CD-SED-BKG06	6/4/2008	1.5 J	5.3	3 J	84
CD-SED-BKG07	6/4/2008	1.1 J	4.2 J	2.4 J	23

Notes:

Table shows detected values only.

All inorganic sediment results reported in milligrams per kilogram (mg/kg).

All organic sediment results reported in micrograms per kilogram (ug/kg).

J = Compound detected in the method or prep blank.

Jv = Result is considered to be an estimated value based on data validation.

B G = Analyte was detected above the MDL but below the quantitation limit. Elevated RL due to matrix interference.

U = Not Detected

UJ = Analyte is considered not detected for QA/validation reason.

B J = Analyte was detected in method blank and below the quantitation limit.

B E = Analyte was detected above the MDL but below the quantitation limit. Matrix Interference.

B = Analyte was detected below the quantitation limit, but above the MDL.

Table 44
Blood Lead Concentration Calculation/Recreational Scenario--1 Visit Per Week

Calculations of Blood Lead Concentrations (PbBs)
U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee
Version date 05/19/05 EDIT RED CELLS

Exposure Variable	Description of Exposure Variable	Units	Region OR Ethnic GSDi and PbBo Data from NHANES III Analysis							
			All/All	All/White	All/Black	All/Mexican	Northeast/All	Midwest/All	South/All	West/All
PbS	Soil lead concentration	ug/g or ppm	1197	1288	938	794	1092	558	1366	1287
R _{fetal/maternal}	Fetal/maternal PbB ratio	--	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
GSD _i	Geometric standard deviation PbB	--	2.1	2.1	2.2	2.3	2.0	2.2	2.1	2.1
PbB ₀	Baseline PbB	ug/dL	1.5	1.5	1.8	1.7	2.0	1.5	1.4	1.4
IR _S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
IR _{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--	--	--	--	--	--	--	--
W _S	Weighting factor; fraction of IR _{S+D} ingested as outdoor soil	--	--	--	--	--	--	--	--	--
K _{SD}	Mass fraction of soil in dust	--	--	--	--	--	--	--	--	--
AF _{S, D}	Absorption fraction (same for soil and dust)	--	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
EF _{S, D}	Exposure frequency (same for soil and dust)	days/yr	219	219	219	219	219	1	219	219
AT _{S, D}	Averaging time (same for soil and dust)	days/yr	365	365	365	365	365	7	365	365
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	3.3	3.3	3.1	2.8	3.6	1.7	3.4	3.3
PbB _{fetal, 0.95}	95th percentile PbB among fetuses of adult workers	ug/dL	10.0	10.0	10.0	10.0	10.0	5.6	10.0	10.0
PbB _t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
P(PbB_{fetal} > PbB_t)	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	5.0%	5.0%	5.0%	5.0%	5.0%	0.8%	5.0%	5.0%

¹ Equation 1 does not apportion exposure between soil and dust ingestion (excludes W_S, K_{SD}).
When IR_S = IR_{S+D} and W_S = 1.0, the equations yield the same PbB_{fetal,0.95}.

Table 45
Blood Lead Concentration Calculation/Recreational Scenario--2 Visits Per Week

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 05/19/05

EDIT RED CELLS

Exposure Variable	Description of Exposure Variable	Units	Region OR Ethnic GSDi and PbBo Data from NHANES III Analysis
			Midwest/All
PbS	Soil lead concentration	ug/g or ppm	558
$R_{\text{fetal/maternal}}$	Fetal/maternal PbB ratio	--	0.9
BKSF	Biokinetic Slope Factor	ug/dL per ug/day	0.4
GSD_i	Geometric standard deviation PbB	--	2.2
PbB_0	Baseline PbB	ug/dL	1.5
IR_S	Soil ingestion rate (including soil-derived indoor dust)	g/day	0.050
IR_{S+D}	Total ingestion rate of outdoor soil and indoor dust	g/day	--
W_S	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--
K_{SD}	Mass fraction of soil in dust	--	--
$AF_{S,D}$	Absorption fraction (same for soil and dust)	--	0.12
$EF_{S,D}$	Exposure frequency (same for soil and dust)	days/yr	2
$AT_{S,D}$	Averaging time (same for soil and dust)	days/yr	7
PbB_{adult}	PbB of adult worker, geometric mean	ug/dL	1.9
$PbB_{\text{fetal}, 0.95}$	95th percentile PbB among fetuses of adult workers	ug/dL	6.2
PbB_t	Target PbB level of concern (e.g., 10 ug/dL)	ug/dL	10.0
$P(PbB_{\text{fetal}} > PbB_t)$	Probability that fetal PbB > PbB_t, assuming lognormal distribution	%	1.2%

¹ Equation 1 does not apportion exposure between soil and dust ingestion (excludes W_S , K_{SD}).

When $IR_S = IR_{S+D}$ and $W_S = 1.0$, the equations yield the same $PbB_{\text{fetal}, 0.95}$.

Cells highlighted in green are based on default values. Cells highlighted in yellow are based on site-specific input parameters.

US EPA ARCHIVE DOCUMENT

Table 46
 IEUBK Output
 Children/Recreational Scenario (One visit per week)

```

=====
Model Version: 1.0 Build 264
User Name:
Date:
Site Name:
Operable Unit:
Run Mode: Research
=====
  
```

The time step used in this model run: 1 - Every 4 Hours (6 times a day).

***** Air *****

Indoor Air Pb Concentration: 30.000 percent of outdoor.
 Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m ³ /day)	Lung Absorption (%)	Outdoor Air Pb Conc (ug Pb/m ³)
.5-1	1.000	2.000	32.000	0.100
1-2	2.000	3.000	32.000	0.100
2-3	3.000	5.000	32.000	0.100
3-4	4.000	5.000	32.000	0.100
4-5	4.000	5.000	32.000	0.100
5-6	4.000	7.000	32.000	0.100
6-7	4.000	7.000	32.000	0.100

***** Diet *****

Age	Diet Intake(ug/day)
.5-1	5.530
1-2	5.780
2-3	6.490
3-4	6.240
4-5	6.010
5-6	6.340
6-7	7.000

***** Drinking water *****

Water Consumption:

Age	Water (L/day)
.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 4.000 ug Pb/L

***** Soil & Dust *****

Age	Soil (ug Pb/g)	House Dust (ug Pb/g)
.5-1	234.370	164.060

		C&D_1 dy per wk
1-2	234.370	164.060
2-3	234.370	164.060
3-4	234.370	164.060
4-5	234.370	164.060
5-6	234.370	164.060
6-7	234.370	164.060

***** Alternate Intake *****

Age	Alternate (ug Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

***** Maternal Contribution: Infant Model *****

Maternal Blood Concentration: 2.500 ug Pb/dL

 CALCULATED BLOOD LEAD AND LEAD UPTAKES:

Year	Air (ug/day)	Diet (ug/day)	Alternate (ug/day)	Water (ug/day)
.5-1	0.021	2.538	0.000	0.367
1-2	0.034	2.629	0.000	0.910
2-3	0.062	2.983	0.000	0.956
3-4	0.067	2.904	0.000	0.986
4-5	0.067	2.853	0.000	1.044
5-6	0.093	3.031	0.000	1.109
6-7	0.093	3.358	0.000	1.132

Year	Soil+Dust (ug/day)	Total (ug/day)	Blood (ug/dL)
.5-1	4.581	7.507	4.1
1-2	7.209	10.781	4.5
2-3	7.287	11.289	4.2
3-4	7.376	11.333	4.0
4-5	5.574	9.538	3.4
5-6	5.053	9.287	2.9
6-7	4.788	9.372	2.7

Table 47: IEUBK Output Children/Recreational Scenario (Two visits per week)

Model Version: 1.0 Build 264

User Name:

Date:

Site Name:

Operable Unit:

Run Mode: Research

The time step used in this model run: 1 - Every 4 Hours (6 times a day).

***** Air *****

Indoor Air Pb Concentration: 30.000 percent of outdoor.

Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m ³ /day)	Lung Absorption (%)	Outdoor Air Pb Conc (ug Pb/m ³)
.5-1	1.000	2.000	32.000	0.100
1-2	2.000	3.000	32.000	0.100
2-3	3.000	5.000	32.000	0.100
3-4	4.000	5.000	32.000	0.100
4-5	4.000	5.000	32.000	0.100
5-6	4.000	7.000	32.000	0.100
6-7	4.000	7.000	32.000	0.100

***** Diet *****

Age	Diet Intake(ug/day)
.5-1	5.530
1-2	5.780
2-3	6.490
3-4	6.240
4-5	6.010
5-6	6.340
6-7	7.000

***** Drinking Water *****

Water Consumption:

Age	Water (L/day)
.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 4.000 ug Pb/L

***** Soil & Dust *****

Age	Soil (ug Pb/g)	House Dust (ug Pb/g)
.5-1	288.310	201.820
1-2	288.310	201.820
2-3	288.310	201.820
3-4	288.310	201.820
4-5	288.310	201.820
5-6	288.310	201.820
6-7	288.310	201.820

***** Alternate Intake *****

Age	Alternate (ug Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

***** Maternal Contribution: Infant Model *****

Maternal Blood Concentration: 2.500 ug Pb/dL

CALCULATED BLOOD LEAD AND LEAD UPTAKES:

Year	Air (ug/day)	Diet (ug/day)	Alternate (ug/day)	Water (ug/day)
.5-1	0.021	2.510	0.000	0.363
1-2	0.034	2.593	0.000	0.897
2-3	0.062	2.949	0.000	0.945
3-4	0.067	2.874	0.000	0.976
4-5	0.067	2.834	0.000	1.037
5-6	0.093	3.015	0.000	1.103
6-7	0.093	3.342	0.000	1.127

Year	Soil+Dust (ug/day)	Total (ug/day)	Blood (ug/dL)
.5-1	5.572	8.466	4.6
1-2	8.749	12.274	5.1
2-3	8.860	12.816	4.8
3-4	8.982	12.899	4.5
4-5	6.811	10.748	3.8
5-6	6.182	10.394	3.3
6-7	5.862	10.425	3.0