Table
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location: / Sample Date:	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA: Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria	UST SB1 (0-2) 4/26/2004	UST SB1 (6-8) 4/26/2004	UST SB2 (2-4) 4/26/2004	UST SB2 (4-6) 4/26/2004 Duplicate
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	380 U	400 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	120 U	110 U	120 U	110 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	230 U	230 U	240 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	120 U	110 U	120 U	110 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	230 U	230 U	240 U	230 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	120 U	120 U	120 U	110 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	**430**	110 U	120 U	110 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	230 U	230 U	240 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	230 U	230 U	240 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,300 U	2,300 U	2,400 U	2,300 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	120 U	110 U	120 U	110 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	120 U	110 U	120 U	110 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	120 U	110 U	120 U	**820**
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	230 U	230 U	240 U	230 U
N-Nitrosodimethyamine							380 U	380 U	400 U	380 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	230 U	230 U	240 U	230 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	3,900 U	4,100 U	3,900 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	**140**	110 U	120 U	110 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	380 U	380 U	400 U	380 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	**360**	110 U	120 U	110 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB2 (9-11)	UST SB3 (4-6)	UST SB3 (6-8)	UST SB4 (2-4)
Sample Date:							4/26/2004	4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	220 U	240 U	230 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	110 U	120 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	110 U	120 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	370 U	390 U	380 U	400 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	370 U	390 U	380 U	400 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	370 U	390 U	380 U	400 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	370 U	390 U	380 U	400 U
2,4-Dinitrophenol							1,900 U	2,000 U	1,900 U	2,100 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	370 U	390 U	380 U	400 U
2,6-Dinitrotoluene							370 U	390 U	380 U	400 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	220 U	240 U	230 U	240 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	370 U	390 U	380 U	400 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	1,900 U	2,000 U	1,900 U	2,100 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	280 U	300 U	**640**	300 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	370 U	390 U	380 U	400 U
2-Nitroaniline							1,900 U	2,000 U	1,900 U	2,100 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	370 U	390 U	380 U	400 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	740 U	790 U	750 U	800 U
3-Nitroaniline							1,900 U	2,000 U	1,900 U	2,100 U
4-Bromophenyl-phenylether							220 U	240 U	230 U	240 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	370 U	390 U	380 U	400 U
4-Chlorophenyl-phenylether							110 U	120 U	110 U	120 U
4-Nitroaniline							1,900 U	2,000 U	1,900 U	2,100 U
4-Nitrophenol							1,900 U	2,000 U	1,900 U	2,100 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	110 U	120 U	**400**	120 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	110 U	120 U	110 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	110 U	120 U	**220**	120 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	220 U	240 U	230 U	240 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	110 U	**250**	**400**	120 U
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	220 U	240 U	**250**	240 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	220 U	240 U	**300**	240 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	220 U	240 U	230 U	240 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	220 U	240 U	230 U	240 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	220 U	240 U	230 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	110 U	120 U	110 U	120 U
bis(2-Chloroisopropyl)ether							110 U	120 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	220 U	240 U	230 U	240 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	110 U	120 U	110 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	370 U	390 U	**2,900**	400 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	110 U	**250**	**340**	120 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	220 U	240 U	230 U	240 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST-SB2 (9-11)	UST-SB3 (4-6)	UST-SB3 (6-8)	UST-SB4 (2-4)
Sample Date:							4/26/2004	4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	370 U	390 U	380 U	400 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	220 U	240 U	230 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	220 U	240 U	230 U	240 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	110 U	120 U	**340**	120 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	110 U	**250**	**1,100**	120 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	220 U	240 U	230 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	220 U	240 U	230 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,200 U	2,400 U	2,300 U	2,400 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	110 U	120 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	220 U	240 U	230 U	240 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	110 U	120 U	110 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	110 U	120 U	**2,300**	120 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	220 U	240 U	230 U	240 U
N-Nitrosodimethyamine							370 U	390 U	380 U	400 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	220 U	240 U	230 U	240 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	220 U	240 U	230 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,800 U	4,100 U	3,900 U	4,100 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	110 U	120 U	**900**	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	370 U	390 U	380 U	400 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	110 U	**430**	**780**	120 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB4 (7-9)	UST SB5 (1-3)	UST SB5 (10-12)	SWMU1 SB1 (1-3)
Sample Date:							4/26/2004	4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	230 U	250 U	220 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	110 U	120 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	110 U	120 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	370 U	400 U	370 U	390 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	370 U	400 U	370 U	390 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	370 U	400 U	370 U	390 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	370 U	400 U	370 U	390 U
2,4-Dinitrophenol							1,900 U	2,100 U	1,900 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	370 U	400 U	370 U	390 U
2,6-Dinitrotoluene							370 U	400 U	370 U	390 U
2-Chloronaphthalene	2.30E+06	1 80E+08	NA	ID	ID	ID	230 U	250 U	220 U	240 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	370 U	400 U	370 U	390 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	1,900 U	2,100 U	1,900 U	2,000 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	280 U	310 U	280 U	300 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	370 U	400 U	370 U	390 U
2-Nitroaniline							1,900 U	2,100 U	1,900 U	2,000 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	370 U	400 U	370 U	390 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	750 U	810 U	740 U	790 U
3-Nitroaniline							1,900 U	2,100 U	1,900 U	2,000 U
4-Bromophenyl-phenylether							230 U	250 U	220 U	230 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	370 U	400 U	370 U	390 U
4-Chlorophenyl-phenylether							110 U	120 U	110 U	120 U
4-Nitroaniline							1,900 U	2,100 U	1,900 U	2,000 U
4-Nitrophenol							1,900 U	2,100 U	1,900 U	2,000 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	110 U	120 U	110 U	**310**
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	110 U	120 U	110 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	110 U	120 U	110 U	**810**
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	230 U	250 U	220 U	240 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	110 U	**190**	110 U	**2,000**
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	230 U	250 U	220 U	240 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	230 U	250 U	220 U	**1,900**
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	230 U	250 U	220 U	**1,300**
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	230 U	250 U	220 U	**660**
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	250 U	220 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	110 U	120 U	110 U	120 U
bis(2-Chloroisopropyl)ether							110 U	120 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	230 U	250 U	220 U	**450**
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	110 U	120 U	110 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	370 U	400 U	370 U	390 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	110 U	**210**	110 U	**2,100**
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	230 U	250 U	220 U	240 U

Table 9
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB4 (7-9)	UST SB5 (1-3)	UST SB5 (10-12)	SWMU1 SB1 (1-3)
Sample Date:							4/26/2004	4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	370 U	400 U	370 U	390 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	230 U	250 U	220 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	230 U	250 U	220 U	240 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	110 U	120 U	110 U	**540**
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	110 U	**380**	110 U	**4,900**
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	230 U	250 U	220 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	230 U	250 U	220 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,300 U	2,500 U	2,200 U	2,400 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	110 U	120 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	230 U	250 U	220 U	**1,200**
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	110 U	120 U	110 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	110 U	120 U	110 U	**250**
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	230 U	250 U	220 U	240 U
N-Nitrosodimethyamine							370 U	400 U	370 U	390 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	230 U	250 U	220 U	240 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	230 U	250 U	220 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,800 U	4,200 U	3,800 U	4,000 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	110 U	**220**	110 U	**3,700**
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	370 U	400 U	370 U	390 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	110 U	**350**	110 U	**4,000**

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB1	SWMU1 SB1	SWMU1 SB2	SWMU1 SB2
Sample Date:							(4-6) 4/26/2004	(10-12) 4/26/2004	(0-2) 4/26/2004	(8-10) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	230 U	240 U	220 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	110 U	120 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	110 U	120 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	380 U	390 U	360 U	380 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	380 U	390 U	360 U	380 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	380 U	390 U	360 U	380 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	380 U	390 U	360 U	380 U
2,4-Dinitrophenol							1,900 U	2,000 U	1,900 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	380 U	390 U	360 U	380 U
2,6-Dinitrotoluene							380 U	390 U	360 U	380 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	230 U	240 U	220 U	230 U
2-Chlorophenol	1 90E+06	4.50E+06	1.90E+07	ID	ID	ID	380 U	390 U	360 U	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	1,900 U	2,000 U	1,900 U	2,000 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	290 U	300 U	280 U	290 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	380 U	390 U	360 U	380 U
2-Nitroaniline							1,900 U	2,000 U	1,900 U	2,000 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	380 U	390 U	360 U	380 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	760 U	790 U	730 U	760 U
3-Nitroaniline							1,900 U	2,000 U	1,900 U	2,000 U
4-Bromophenyl-phenylether							230 U	230 U	220 U	230 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	380 U	390 U	360 U	380 U
4-Chlorophenyl-phenylether							110 U	120 U	110 U	120 U
4-Nitroaniline							1,900 U	2,000 U	1,900 U	2,000 U
4-Nitrophenol							1,900 U	2,000 U	1,900 U	2,000 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	110 U	120 U	110 U	120 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	110 U	120 U	110 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	110 U	120 U	110 U	120 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	230 U	240 U	220 U	230 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	110 U	120 U	110 U	120 U
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	230 U	240 U	220 U	230 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	230 U	240 U	220 U	230 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	230 U	240 U	220 U	230 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	230 U	240 U	220 U	230 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	240 U	220 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	110 U	120 U	110 U	120 U
bis(2-Chloroisopropyl)ether							110 U	120 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	230 U	240 U	220 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	110 U	120 U	110 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	380 U	390 U	360 U	380 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	110 U	120 U	110 U	120 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	230 U	240 U	220 U	230 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1-SB1 (4-6)	SWMU1-SB1 (10-12)	SWMU1-SB2 (0-2)	SWMU1-SB2 (8-10)
Sample Date:							4/26/2004	4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	390 U	360 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	230 U	240 U	220 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	110 U	120 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	230 U	240 U	220 U	230 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	110 U	120 U	110 U	120 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	110 U	120 U	110 U	120 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	230 U	240 U	220 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	230 U	240 U	220 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,300 U	2,400 U	2,200 U	2,300 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	110 U	120 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	230 U	240 U	220 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	110 U	120 U	110 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	120 U	120 U	110 U	120 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	230 U	240 U	220 U	230 U
N-Nitrosodimethyamine							380 U	390 U	360 U	380 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	230 U	240 U	220 U	230 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	230 U	240 U	220 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	4,100 U	3,700 U	3,900 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	110 U	120 U	110 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	380 U	390 U	360 U	380 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	110 U	120 U	110 U	120 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB3	SWMU1 SB3	SWMU1 SB3	SWMU1 SB4
Sample Date:							(0-2) 4/27/2004	(2-4) 4/27/2004 DUPLICATE	(7-9) 4/27/2004	(0-2) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	260 U	240 U	240 U	250 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	130 U	120 U	120 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	130 U	120 U	120 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	130 U	120 U	120 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	420 U	390 U	390 U	410 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	420 U	390 U	390 U	410 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	420 U	390 U	390 U	410 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	420 U	390 U	390 U	410 U
2,4-Dinitrophenol							2,200 U	2,000 U	2,000 U	2,100 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	420 U	390 U	390 U	410 U
2,6-Dinitrotoluene							420 U	390 U	390 U	410 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	260 U	240 U	240 U	250 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	420 U	390 U	390 U	410 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	2,200 U	2,000 U	2,000 U	2,100 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	260 U	300 U	300 U	310 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	420 U	390 U	390 U	410 U
2-Nitroaniline							2,200 U	2,000 U	2,000 U	2,100 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	420 U	390 U	390 U	410 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	690 U	790 U	790 U	820 U
3-Nitroaniline							2,200 U	2,000 U	2,000 U	2,100 U
4-Bromophenyl-phenylether							260 U	230 U	230 U	250 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	420 U	390 U	390 U	410 U
4-Chlorophenyl-phenylether							130 U	120 U	120 U	120 U
4-Nitroaniline							2,200 U	2,000 U	2,000 U	2,100 U
4-Nitrophenol							2,200 U	2,000 U	2,000 U	2,100 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	130 U	120 U	120 U	120 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	130 U	120 U	120 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	130 U	120 U	120 U	120 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	260 U	240 U	240 U	250 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	130 U	120 U	120 U	120 U
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	260 U	240 U	240 U	250 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	260 U	240 U	240 U	250 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	260 U	240 U	240 U	250 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	260 U	240 U	240 U	250 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	260 U	240 U	240 U	250 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	130 U	120 U	120 U	120 U
bis(2-Chloroisopropyl)ether							130 U	120 U	120 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	260 U	240 U	240 U	250 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	130 U	120 U	120 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	420 U	390 U	390 U	410 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	130 U	120 U	120 U	120 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	260 U	240 U	240 U	250 U

Prepared by: K. Bock
Checked by: M. McGowan

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MACTEC Engineering and Consulting of Michigan, Inc.

Table
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB3	SWMU1 SB3	SWMU1 SB3	SWMU1 SB4
Sample Date:							(0-2) 4/27/2004	(2-4) 4/27/2004 DUPLICATE	(7-9) 4/27/2004	(0-2) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	420 U	390 U	390 U	410 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	130 U	120 U	120 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	260 U	240 U	240 U	250 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	130 U	120 U	120 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	260 U	240 U	240 U	250 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	130 U	120 U	120 U	120 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	130 U	120 U	120 U	120 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	260 U	240 U	240 U	250 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	260 U	240 U	240 U	250 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,600 U	2,400 U	2,400 U	2,500 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	130 U	120 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	260 U	240 U	240 U	250 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	130 U	120 U	120 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	130 U	120 U	120 U	120 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	260 U	240 U	240 U	250 U
N-Nitrosodimethyamine							420 U	390 U	390 U	410 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	260 U	240 U	240 U	250 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	260 U	240 U	240 U	250 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	4,400 U	4,100 U	4,100 U	4,200 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	130 U	120 U	120 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	420 U	390 U	390 U	410 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	130 U	120 U	120 U	120 U

Table
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB4	SWMU1 SB4	SWMU1 SB5	SWMU1 SB5
Sample Date:							(6-8) 4/26/2004	(7-9) 6/30/2004	(2-4) 4/26/2004	(7-9) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	230 U	230 U	240 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	110 U	110 U	120 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	110 U	120 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	110 U	110 U	120 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	380 U	370 U	400 U	380 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	380 U	370 U	400 U	380 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	380 U	370 U	400 U	380 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2 10E+09	380 U	370 U	400 U	380 U
2,4-Dinitrophenol							1,900 U	1,900 U	2,100 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	380 U	370 U	400 U	380 U
2,6-Dinitrotoluene							380 U	370 U	400 U	380 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	230 U	230 U	240 U	230 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	380 U	370 U	400 U	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	1,900 U	1,900 U	2,100 U	2,000 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	290 U	280 U	310 U	290 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	380 U	370 U	400 U	380 U
2-Nitroaniline							1,900 U	1,900 U	2,100 U	2,000 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	380 U	370 U	400 U	380 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	750 U	750 U	810 U	760 U
3-Nitroaniline							1,900 U	1,900 U	2,100 U	2,000 U
4-Bromophenyl-phenylether							230 U	230 U	240 U	230 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	380 U	370 U	400 U	380 U
4-Chlorophenyl-phenylether							110 U	110 U	120 U	120 U
4-Nitroaniline							1,900 U	1,900 U	2,100 U	2,000 U
4-Nitrophenol							1,900 U	1,900 U	2,100 U	2,000 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	110 U	110 U	120 U	120 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	110 U	110 U	120 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	110 U	110 U	120 U	120 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	230 U	230 U	240 U	230 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	110 U	110 U	120 U	120 U
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	230 U	230 U	240 U	230 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	230 U	230 U	240 U	230 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	230 U	240 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	110 U	110 U	120 U	120 U
bis(2-Chloroisopropyl)ether							110 U	110 U	120 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	230 U	230 U	240 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	110 U	110 U	120 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	380 U	370 U	400 U	380 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	110 U	110 U	120 U	120 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U

Table 9
Semi-Volatile Compounds In Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB4	SWMU1 SB4	SWMU1 SB5	SWMU1 SB5
Sample Date:							(6-8) 4/26/2004	(7-9) 6/30/2004	(2-4) 4/26/2004	(7-9) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	370 U	400 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	110 U	110 U	120 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	230 U	230 U	240 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	110 U	110 U	120 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	230 U	230 U	240 U	230 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	110 U	110 U	120 U	120 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	110 U	110 U	120 U	120 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	230 U	230 U	240 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	230 U	230 U	240 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,300 U	2,300 U	2,400 U	2,300 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	110 U	110 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	110 U	110 U	120 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	110 U	110 U	120 U	120 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	230 U	230 U	240 U	230 U
N-Nitrosodimethyamine							380 U	370 U	400 U	380 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	230 U	230 U	240 U	230 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	230 U	230 U	240 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	3,800 U	4,200 U	3,900 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	110 U	110 U	120 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	380 U	370 U	400 U	380 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	110 U	110 U	120 U	120 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB6	SWMU1 SB6	SWMU1 SB7	SWMU1 SB7
Sample Date:							(1-3) 4/27/2004	(8-10) 4/27/2004	(1-3) 4/27/2004	(5-7) 4/27/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	240 U	230 U	230 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4 6+07 (C)	4.40E+10	120 U	110 U	120 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	110 U	120 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	120 U	110 U	120 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	400 U	370 U	390 U	380 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	400 U	370 U	390 U	380 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	400 U	370 U	390 U	380 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	400 U	370 U	390 U	380 U
2,4-Dinitrophenol							2,100 U	1,900 U	2,000 U	2,000 U
2,4-Dinitrotoluene	1 70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	400 U	370 U	390 U	380 U
2,6-Dinitrotoluene							400 U	370 U	390 U	380 U
2-Chloronaphthalene	2 30E+06	1.80E+08	NA	ID	ID	ID	240 U	230 U	230 U	230 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	400 U	370 U	390 U	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	2,100 U	1,900 U	2,000 U	2,000 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	310 U	280 U	290 U	290 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	400 U	370 U	390 U	380 U
2-Nitroaniline							2,100 U	1,900 U	2,000 U	2,000 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	400 U	370 U	390 U	380 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	810 U	750 U	770 U	760 U
3-Nitroaniline							2,100 U	1,900 U	2,000 U	2,000 U
4-Bromophenyl-phenylether							240 U	230 U	230 U	230 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	400 U	370 U	390 U	380 U
4-Chlorophenyl-phenylether							120 U	110 U	120 U	120 U
4-Nitroaniline							2,100 U	1,900 U	2,000 U	2,000 U
4-Nitrophenol							2,100 U	1,900 U	2,000 U	2,000 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	120 U	110 U	120 U	120 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	120 U	110 U	120 U	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	120 U	110 U	120 U	120 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	240 U	230 U	230 U	230 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	120 U	110 U	120 U	120 U
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	240 U	230 U	230 U	230 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	240 U	230 U	230 U	230 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	240 U	230 U	230 U	230 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	240 U	230 U	230 U	230 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	240 U	230 U	230 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	120 U	110 U	120 U	120 U
bis(2-Chloroisopropyl)ether							120 U	110 U	120 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	240 U	230 U	230 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	120 U	110 U	120 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	400 U	370 U	390 U	380 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	120 U	110 U	120 U	120 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	240 U	230 U	230 U	230 U

Table
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB6	SWMU1 SB6	SWMU1 SB7	SWMU1 SB7
Sample Date:							(1-3) 4/27/2004	(8-10) 4/27/2004	(1-3) 4/27/2004	(5-7) 4/27/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	400 U	370 U	390 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	120 U	110 U	120 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	240 U	230 U	230 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	120 U	110 U	120 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	240 U	230 U	230 U	230 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	120 U	110 U	120 U	120 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	**150**	110 U	120 U	120 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	240 U	230 U	230 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	240 U	230 U	230 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,400 U	2,300 U	2,300 U	2,300 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	120 U	110 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	240 U	230 U	230 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	120 U	110 U	120 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	120 U	110 U	120 U	120 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	240 U	230 U	230 U	230 U
N-Nitrosodimethyamine							400 U	370 U	390 U	380 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	240 U	230 U	230 U	230 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	240 U	230 U	230 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	4,200 U	3,800 U	4,000 U	3,900 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	120 U	110 U	120 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	400 U	370 U	390 U	380 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	120 U	110 U	120 U	120 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB8	SWMU1 SB8	SWMU5 S1	SWMU5 S1
Sample Date:							(2-4) 4/27/2004	(6-8) 4/27/2004	(1-3) 4/29/2004	4/29/2004 DUPLICATE
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	240 U	230 U	230 U	250 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	120 U	120 U	120 U	130 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	120 U	120 U	130 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	120 U	120 U	120 U	130 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	400 U	390 U	390 U	420 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	400 U	390 U	390 U	420 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	400 U	390 U	390 U	420 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	400 U	390 U	390 U	420 U
2,4-Dinitrophenol							2,100 U	2,000 U	2,000 U	2,200 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	400 U	390 U	390 U	420 U
2,6-Dinitrotoluene							400 U	390 U	390 U	420 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	240 U	230 U	230 U	250 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	400 U	390 U	390 U	420 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	2,100 U	2,000 U	2,000 U	2,200 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	300 U	290 U	290 U	320 U
2-Methylphenol	1.60E+07	3 60E+07	NA	NLV	NLV	2.90E+09	400 U	390 U	390 U	420 U
2-Nitroaniline							2,100 U	2,000 U	2,000 U	2,200 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	400 U	390 U	390 U	420 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	800 U	770 U	770 U	840 U
3-Nitroaniline							2,100 U	2,000 U	2,000 U	2,200 U
4-Bromophenyl-phenylether							240 U	230 U	230 U	250 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	400 U	390 U	390 U	420 U
4-Chlorophenyl-phenylether							120 U	120 U	120 U	130 U
4-Nitroaniline							2,100 U	2,000 U	2,000 U	2,200 U
4-Nitrophenol							2,100 U	2,000 U	2,000 U	2,200 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	120 U	120 U	120 U	130 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	120 U	120 U	120 U	130 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	120 U	120 U	120 U	130 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	240 U	230 U	230 U	250 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	120 U	120 U	**520**	**140**
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	240 U	230 U	230 U	250 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	240 U	230 U	**700**	250 U
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	240 U	230 U	**700**	250 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	240 U	230 U	230 U	250 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	240 U	230 U	230 U	250 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	120 U	120 U	120 U	130 U
bis(2-Chloroisopropyl)ether							120 U	120 U	120 U	130 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	240 U	230 U	230 U	250 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	120 U	120 U	120 U	130 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	400 U	390 U	390 U	420 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	120 U	120 U	**620**	130 U
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	240 U	230 U	230 U	250 U

Prepared by: K. Book
Checked by: M. McGowan

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CarterColorCoatDataSpring

MACTEC Engineering and Consulting of Michigan, Inc.

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB8	SWMU1 SB8	SWMU5 S1	SWMU5 S1
Sample Date:							(2-4) 4/27/2004	(6-8) 4/27/2004	(1-3) 4/29/2004	4/29/2004 DUPLICATE
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	400 U	390 U	390 U	420 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	120 U	120 U	120 U	130 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	240 U	230 U	230 U	250 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	120 U	120 U	120 U	130 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	240 U	230 U	230 U	250 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	120 U	120 U	120 U	130 U
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	120 U	120 U	**620**	**310**
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	240 U	230 U	230 U	250 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	240 U	230 U	230 U	250 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,400 U	2,300 U	2,300 U	2,500 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	120 U	120 U	120 U	130 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	240 U	230 U	**350**	250 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8 20E+09	120 U	120 U	120 U	130 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	120 U	120 U	120 U	130 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	240 U	230 U	230 U	250 U
N-Nitrosodimethyamine							400 U	390 U	390 U	420 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	240 U	230 U	230 U	250 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	240 U	230 U	230 U	250 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	4,100 U	4,000 U	4,000 U	4,300 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	120 U	120 U	**310**	**290**
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	400 U	390 U	390 U	420 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	120 U	120 U	**500**	**230**

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU5 S2	SWMU5 S3	SWMU5 S3	SWMU6 S1
Sample Date:							(1-3) 4/29/2004	(1-3) 4/29/2004	(1-3) 4/29/2004 DUPLICATE	(1-3) 4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	2,600 U	2,400 U	230 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	1,300 U	1,200 U	120 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	1,300 U	1,200 U	120 U	120 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	1,300 U	1,200 U	120 U	120 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	4,200 U	3,900 U	380 U	400 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	4,200 U	3,900 U	380 U	400 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	4,200 U	3,900 U	380 U	400 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	4,200 U	3,900 U	380 U	400 U
2,4-Dinitrophenol							22,000 U	20,000 U	2,000 U	2,100 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	4,200 U	3,900 U	380 U	400 U
2,6-Dinitrotoluene							4,200 U	3,900 U	380 U	400 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	2,600 U	2,400 U	230 U	240 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	4,200 U	3,900 U	380 U	400 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	22,000 U	20,000 U	2,000 U	2,100 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	3,200 U	3,000 U	290 U	300 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	4,200 U	3,900 U	380 U	400 U
2-Nitroaniline							22,000 U	20,000 U	2,000 U	2,100 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	4,200 U	3,900 U	380 U	400 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	8,400 U	7,800 U	760 U	800 U
3-Nitroaniline							22,000 U	20,000 U	2,000 U	2,100 U
4-Bromophenyl-phenylether							2,600 U	2,400 U	230 U	240 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	4,200 U	3,900 U	380 U	400 U
4-Chlorophenyl-phenylether							1,300 U	1,200 U	120 U	120 U
4-Nitroaniline							22,000 U	20,000 U	2,000 U	2,100 U
4-Nitrophenol							22,000 U	20,000 U	2,000 U	2,100 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	1,300 U	1,200 U	**150**	**330**
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	1,300 U	1,200 U	**470**	120 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	1,300 U	**1,500**	**1,300**	**810**
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	2,600 U	2,400 U	230 U	240 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	**3,300**	**9,900**	**8,200**	**1,900**
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	**2,600**	**8,300**	**6,900**	240 U
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	**2,900**	**9,200**	**8,100**	**1,800**
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	2,600 U	2,400 U	**3,800**	240 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	2,600 U	**3,100**	**2,600**	**590**
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	2,600 U	2,400 U	230 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	1,300 U	1,200 U	120 U	120 U
bis(2-Chloroisopropyl)ether							1,300 U	1,200 U	120 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	2,600 U	2,400 U	230 U	240 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	1,300 U	1,200 U	120 U	120 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	4,200 U	3,900 U	**400**	**440**
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	**3,000**	**9,300**	**7,800**	**1,900**
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	2,600 U	2,400 U	**1,500** U	240 U

Table

Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU5 S2	SWMU5 S3	SWMU5 S3	SWMU6 S1
Sample Date:							(1-3) 4/29/2004	(1-3) 4/29/2004	(1-3) 4/29/2004 DUPLICATE	(1-3) 4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA									
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria				
Semi-Volatile Organic Compounds (ug/Kg)										
Dibenzofuran	ID	ID	NA	ID	ID	ID	4,200 U	3,900 U	380 U	400 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	1,300 U	1,200 U	120 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	2,600 U	2,400 U	230 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	1,300 U	1,200 U	120 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	2 00E+07	1.40E+08	NLV	NLV	ID	2,600 U	2,400 U	230 U	240 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	1,300 U	1,200 U	**210**	**420**
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	**6,100**	**20,000**	**14,000**	**4,700**
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	2,600 U	2,400 U	230 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	2,600 U	2,400 U	230 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	26,000 U	24,000 U	2,300 U	2,400 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	1,300 U	1,200 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	2,600 U	**5,000**	**4,100**	**840**
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	1,300 U	1,200 U	120 U	120 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	1,300 U	1,200 U	**120**	**400**
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	2,600 U	2,400 U	230 U	240 U
N-Nitrosodimethyamine							4,200 U	3,900 U	380 U	400 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	2,600 U	2,400 U	230 U	240 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	2,600 U	2,400 U	230 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	43,000 U	40,000 U	3,900 U	4,100 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	**4,600**	**5,700**	**5,100**	**4,000**
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	4,200 U	3,900 U	380 U	400 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	**7,000**	**14,000**	**14,000**	**2,800**

Table [redacted]
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU6 S2 (1-3)
Sample Date:							4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA						
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria	
Semi-Volatile Organic Compounds (ug/Kg)							
1,2,4-Trichlorobenzene	1.10E+06	1.1E+06 (C,DD)	1.1E+06	1.10E+06 (C)	3.40E+07	1.10E+10	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	4.6+07 (C)	4.40E+10	110 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U
1,4-Dichlorobenzene	1.40E+05	1.9E+06	NA	1.00E+05	2.60E+05	5.70E+08	110 U
2,4,5-Trichlorophenol	9.10E+06	7.30E+07	NA	NLV	NLV	1.00E+10	380 U
2,4,6-Trichlorophenol	2.00E+05	3.3E+06	NA	NLV	NLV	1.30E+09	380 U
2,4-Dichlorophenol	9.60E+05	1.8E+06 (C,DD)	1.8E+06	NLV	NLV	2.30E+09	380 U
2,4-Dimethylphenol	1.00E+07	3.6E+07	NA	NLV	NLV	2.10E+09	380 U
2,4-Dinitrophenol							1,900 U
2,4-Dinitrotoluene	1.70E+05	2.20E+05	NA	NLV	NLV	2.00E+07	380 U
2,6-Dinitrotoluene							380 U
2-Chloronaphthalene	2.30E+06	1.80E+08	NA	ID	ID	ID	230 U
2-Chlorophenol	1.90E+06	4.50E+06	1.90E+07	ID	ID	ID	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	2.60E+05	NA	NLV	NLV	ID	1,900 U
2-Methylnaphthalene	5.50E+06	2.60E+07	NA	ID	ID	ID	280 U
2-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	380 U
2-Nitroaniline							1,900 U
2-Nitrophenol	1.60E+06	2.0E+06	NA	NLV	NLV	ID	380 U
3/4-Methylphenol	1.60E+07	3.60E+07	NA	NLV	NLV	2.90E+09	750 U
3-Nitroaniline							1,900 U
4-Bromophenyl-phenylether							230 U
4-Chloro-3-methylphenol	3.00E+06	1.5E+07	NA	NLV	NLV	ID	380 U
4-Chlorophenyl-phenylether							110 U
4-Nitroaniline							1,900 U
4-Nitrophenol							1,900 U
Acenaphthene	9.70E+05	1.30E+08	NA	3.50E+08	9.70E+07	6.20E+09	110 U
Acenaphthylene	4.40E+05	5.2E+06	NA	3.00E+06	2.70E+06	1.00E+09	110 U
Anthracene	41,000	7.30E+08	NA	1.00E+09 (D)	1.60E+09	2.90E+10	110 U
Azobenzene	3.00E+05	6.60E+05	NA	3.20E+07	2.10E+06	1.30E+08	230 U
Benzo(a)anthracene	NLL	80,000	NA	NLV	NLV	ID	**340**
Benzo(a)pyrene	NLL	8,000	NA	NLV	NLV	1.90E+06	**320**
Benzo(b)fluoranthene	NLL	80,000	NA	NLV	NLV	ID	**1,700**
Benzo(g,h,i)perylene	NLL	7.0E+06	NA	NLV	NLV	3.50E+08	230 U
Benzo(k)fluoranthene	NLL	8.0E+05	NA	NLV	NLV	ID	230 U
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U
bis(2-Chloroethyl)ether	1.10E+05	58,000	2.20E+06	44,000	1.30E+04	1.20E+07	110 U
bis(2-Chloroisopropyl)ether							110 U
bis(2-Ethylhexyl)phthalate	NLL	1.0E7 (C)	1.00E+07	NLV	NLV	8.90E+08	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05 (C)	3.10E+05	NLV	NLV	2.10E+10	110 U
Carbazole	8.20E+05	2.40E+06	NA	NLV	NLV	ID	380 U
Chrysene	NLL	8.00E+06	NA	ID	ID	ID	**340**
Dibenzo(a,h)anthracene	NLL	8,000	NA	NLV	NLV	ID	230 U

Prepared by: K. Book
Checked by: M. McGowen

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MACTEC Engineering and Consulting of Michigan, Inc.

Table
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU6 S2 (1-3)
Sample Date:							4/29/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA						
	Groundwater Contact Protection Criteria	Direct Contact Industrial & Commercial II	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria	
Semi-Volatile Organic Compounds (ug/Kg)							
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	1.50E+09	110 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	1.50E+09	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	1.50E+09	110 U
Di-n-octylphthalate	1.40E+08 (C)	2.00E+07	1.40E+08	NLV	NLV	ID	230 U
Fluorene	8.90E+05	8.70E+07	NA	1.00E+09 (D)	1.50E+08	4.10E+09	**690**
Fluoranthene	7.30E+05	1.30E+08	NA	1.00E+09 (D)	8.90E+08	4.10E+09	110 U
Hexachlorobenzene	8,200	37,000	NA	2.20E+05	5.60E+04	ID	230 U
Hexachlorobutadiene	3.50E+05 (C)	3.50E+05 (C)	3.50E+05	3.50E+05 (C)	4.60E+05	1.80E+08	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	56,000	60,000	5.90E+06	2,300 U
Hexachloroethane	1.10E+05	7.30E+05	NA	79,000	6.60E+05	1.00E+08	110 U
Indeno(1,2,3-cd)pyrene	NLL	80,000	NA	NLV	NLV	ID	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	8.20E+09	110 U
Naphthalene	2.10E+06	5.20E+07	NA	4.70E+05	3.50E+05	8.80E+07	110 U
Nitrobenzene	2.20E+05	3.40E+05	4.90E+05	1.70E+05	64,000	2.10E+07	230 U
N-Nitrosodimethyamine							380 U
N-Nitroso-di-n-propylamine	7,200	5,400	1.50E+06	NLV	NLV	2.00E+06	230 U
N-Nitrosodiphenylamine	7.00E+05	7.80E+06	NA	NLV	NLV	ID	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U
Phenanthrene	1.10E+06	5.20E+06	NA	5.10E+06	1.90E+05	2.90E+06	**410**
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	1.80E+10	380 U
Pyrene	4.80E+05	8.40E+07	NA	1.00E+09 (D)	7.80E+08	2.90E+09	**580**

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB1	UST SB1	UST SB2
Sample Date:							(0-2) 4/26/2004	(6-8) 4/26/2004	(2-4) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	230 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	120 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	120 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	380 U	380 U	400 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	380 U	380 U	400 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	380 U	380 U	400 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	380 U	380 U	400 U
2,4-Dinitrophenol							2,000 U	2,000 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	380 U	380 U	400 U
2,6-Dinitrotoluene							380 U	380 U	400 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	230 U	240 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	380 U	380 U	400 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	2,000 U	2,000 U	2,000 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	290 U	290 U	300 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	380 U	380 U	400 U
2-Nitroaniline							2,000 U	2,000 U	2,000 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	380 U	380 U	400 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	760 U	760 U	790 U
3-Nitroaniline							2,000 U	2,000 U	2,000 U
4-Bromophenyl-phenylether							230 U	230 U	240 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	380 U	380 U	400 U
4-Chlorophenyl-phenylether							120 U	110 U	120 U
4-Nitroaniline							2,000 U	2,000 U	2,000 U
4-Nitrophenol							2,000 U	2,000 U	2,000 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	120 U	110 U	120 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	120 U	110 U	120 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	120 U	110 U	120 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	230 U	240 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	**180**	110 U	120 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	230 U	230 U	240 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	230 U	230 U	240 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	230 U	240 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	230 U	240 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB1 (0-2)	UST SB1 (6-8)	UST SB2 (2-4)
Sample Date:							4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	230 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	120 U	110 U	120 U
bis(2-Chloroisopropyl)ether							120 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	230 U	240 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	120 U	110 U	120 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	380 U	380 U	400 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	**210**	110 U	120 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	230 U	240 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	380 U	400 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	120 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	230 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	120 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	230 U	240 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	120 U	120 U	120 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	**430**	110 U	120 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	230 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	230 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,300 U	2,400 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	120 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	230 U	240 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	120 U	110 U	120 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	120 U	110 U	120 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	230 U	240 U
N-Nitrosodimethyamine							380 U	380 U	400 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	230 U	240 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	230 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	3,900 U	4,100 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	**140**	110 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	380 U	380 U	400 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	**360**	110 U	120 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB2 (4-6)	UST SB2 (9-11)	UST SB3 (4-6)
Sample Date:							4/26/2004 Duplicate	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	220 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	110 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	110 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	380 U	370 U	390 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	380 U	370 U	390 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	380 U	370 U	390 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	380 U	370 U	390 U
2,4-Dinitrophenol							1,900 U	1,900 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	380 U	370 U	390 U
2,6-Dinitrotoluene							380 U	370 U	390 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	220 U	240 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	380 U	370 U	390 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	1,900 U	1,900 U	2,000 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	280 U	280 U	300 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	380 U	370 U	390 U
2-Nitroaniline							1,900 U	1,900 U	2,000 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	380 U	370 U	390 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	750 U	740 U	790 U
3-Nitroaniline							1,900 U	1,900 U	2,000 U
4-Bromophenyl-phenylether							230 U	220 U	240 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	380 U	370 U	390 U
4-Chlorophenyl-phenylether							110 U	110 U	120 U
4-Nitroaniline							1,900 U	1,900 U	2,000 U
4-Nitrophenol							1,900 U	1,900 U	2,000 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	110 U	110 U	120 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	110 U	110 U	120 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	110 U	110 U	120 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	220 U	240 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	110 U	110 U	**250**
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	230 U	220 U	240 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	230 U	220 U	240 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	220 U	240 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	220 U	240 U

Prepared by: K. Book
Checked by: M. McGowan

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MACTEC Engineering and Consulting of Michigan, Inc.

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB2 (4-6)	UST SB2 (9-11)	UST SB3 (4-6)
Sample Date:							4/26/2004 Duplicate	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	220 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	110 U	110 U	120 U
bis(2-Chloroisopropyl)ether							110 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	220 U	240 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	110 U	110 U	120 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	380 U	370 U	390 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	110 U	110 U	**250**
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	220 U	240 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	370 U	390 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	110 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	220 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	110 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	220 U	240 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	110 U	110 U	120 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	110 U	110 U	**250**
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	220 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	220 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,200 U	2,400 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	110 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	220 U	240 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	110 U	110 U	120 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	**820**	110 U	120 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	220 U	240 U
N-Nitrosodimethyamine							380 U	370 U	390 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	220 U	240 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	220 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	3,800 U	4,100 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	110 U	110 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	380 U	370 U	390 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	110 U	110 U	**430**

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB3 (6-8)	UST SB4 (2-4)	UST SB4 (7-9)
Sample Date:							4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	240 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	110 U	120 U	110 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	110 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	110 U	120 U	110 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	380 U	400 U	370 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	380 U	400 U	370 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	380 U	400 U	370 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	380 U	400 U	370 U
2,4-Dinitrophenol							1,900 U	2,100 U	1,900 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	380 U	400 U	370 U
2,6-Dinitrotoluene							380 U	400 U	370 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	240 U	230 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	380 U	400 U	370 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	1,900 U	2,100 U	1,900 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	**640**	300 U	280 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	380 U	400 U	370 U
2-Nitroaniline							1,900 U	2,100 U	1,900 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	380 U	400 U	370 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	750 U	800 U	750 U
3-Nitroaniline							1,900 U	2,100 U	1,900 U
4-Bromophenyl-phenylether							230 U	240 U	230 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	380 U	400 U	370 U
4-Chlorophenyl-phenylether							110 U	120 U	110 U
4-Nitroaniline							1,900 U	2,100 U	1,900 U
4-Nitrophenol							1,900 U	2,100 U	1,900 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	**400**	120 U	110 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	110 U	120 U	110 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	**220**	120 U	110 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	240 U	230 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	**400**	120 U	110 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	**250**	240 U	230 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	**300**	240 U	230 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	240 U	230 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	240 U	230 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB3	UST SB4	UST SB4
Sample Date:							(6-8) 4/26/2004	(2-4) 4/26/2004	(7-9) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	240 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	110 U	120 U	110 U
bis(2-Chloroisopropyl)ether							110 U	120 U	110 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	240 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	110 U	120 U	110 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	**2,900**	400 U	370 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	**340**	120 U	110 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	240 U	230 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	400 U	370 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	110 U	120 U	110 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	240 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	110 U	120 U	110 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	240 U	230 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	**340**	120 U	110 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	**1,100**	120 U	110 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	240 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	240 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,400 U	2,300 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	110 U	120 U	110 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	240 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	110 U	120 U	110 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	**2,300**	120 U	110 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	240 U	230 U
N-Nitrosodimethyamine							380 U	400 U	370 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	240 U	230 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	240 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	4,100 U	3,800 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	**900**	120 U	110 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	380 U	400 U	370 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	**780**	120 U	110 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB5	UST SB5	SWMU1 SB1
Sample Date:							(1-3) 4/26/2004	(10-12) 4/26/2004	(1-3) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	250 U	220 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	120 U	110 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	110 U	120 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	120 U	110 U	120 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	400 U	370 U	390 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	400 U	370 U	390 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	400 U	370 U	390 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	400 U	370 U	390 U
2,4-Dinitrophenol							2,100 U	1,900 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	400 U	370 U	390 U
2,6-Dinitrotoluene							400 U	370 U	390 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	250 U	220 U	240 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	400 U	370 U	390 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	2,100 U	1,900 U	2,000 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	310 U	280 U	300 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	400 U	370 U	390 U
2-Nitroaniline							2,100 U	1,900 U	2,000 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	400 U	370 U	390 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	810 U	740 U	790 U
3-Nitroaniline							2,100 U	1,900 U	2,000 U
4-Bromophenyl-phenylether							250 U	220 U	230 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	400 U	370 U	390 U
4-Chlorophenyl-phenylether							120 U	110 U	120 U
4-Nitroaniline							2,100 U	1,900 U	2,000 U
4-Nitrophenol							2,100 U	1,900 U	2,000 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	120 U	110 U	**310**
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	120 U	110 U	120 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	120 U	110 U	**810**
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	250 U	220 U	240 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	**190**	110 U	**2,000**
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	250 U	220 U	240 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	250 U	220 U	**1,900**
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	250 U	220 U	**1,300**
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	250 U	220 U	**660**

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							UST SB5 (1-3)	UST SB5 (10-12)	SWMU1 SB1 (1-3)
Sample Date:							4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	250 U	220 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	120 U	110 U	120 U
bis(2-Chloroisopropyl)ether							120 U	110 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	250 U	220 U	**450**
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	120 U	110 U	120 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	400 U	370 U	390 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	**210**	110 U	**2,100**
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	250 U	220 U	240 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	400 U	370 U	390 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	120 U	110 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	250 U	220 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	120 U	110 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	250 U	220 U	240 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	120 U	110 U	**540**
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	**380**	110 U	**4,900**
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	250 U	220 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	250 U	220 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,500 U	2,200 U	2,400 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	120 U	110 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	250 U	220 U	**1,200**
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	120 U	110 U	120 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	120 U	110 U	**250**
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	250 U	220 U	240 U
N-Nitrosodimethyamine							400 U	370 U	390 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	250 U	220 U	240 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	250 U	220 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	4,200 U	3,800 U	4,000 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	**220**	110 U	**3,700**
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	400 U	370 U	390 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	**350**	110 U	**4,000**

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB1 (4-6)	SWMU1 SB1 (10-12)	SWMU1 SB2 (0-2)
Sample Date:							4/26/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	240 U	220 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	110 U	120 U	110 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	110 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	110 U	120 U	110 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	380 U	390 U	360 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	380 U	390 U	360 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	380 U	390 U	360 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	380 U	390 U	360 U
2,4-Dinitrophenol							1,900 U	2,000 U	1,900 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	380 U	390 U	360 U
2,6-Dinitrotoluene							380 U	390 U	360 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	240 U	220 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	380 U	390 U	360 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	1,900 U	2,000 U	1,900 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	290 U	300 U	280 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	380 U	390 U	360 U
2-Nitroaniline							1,900 U	2,000 U	1,900 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	380 U	390 U	360 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	760 U	790 U	730 U
3-Nitroaniline							1,900 U	2,000 U	1,900 U
4-Bromophenyl-phenylether							230 U	230 U	220 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	380 U	390 U	360 U
4-Chlorophenyl-phenylether							110 U	120 U	110 U
4-Nitroaniline							1,900 U	2,000 U	1,900 U
4-Nitrophenol							1,900 U	2,000 U	1,900 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	110 U	120 U	110 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	110 U	120 U	110 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	110 U	120 U	110 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	240 U	220 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	110 U	120 U	110 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	230 U	240 U	220 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	230 U	240 U	220 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	240 U	220 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	240 U	220 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB1	SWMU1 SB1	SWMU1 SB2
Sample Date:							(4-6) 4/26/2004	(10-12) 4/26/2004	(0-2) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	240 U	220 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	110 U	120 U	110 U
bis(2-Chloroisopropyl)ether							110 U	120 U	110 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	240 U	220 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	110 U	120 U	110 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	380 U	390 U	360 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	110 U	120 U	110 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	240 U	220 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	390 U	360 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	110 U	120 U	110 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	240 U	220 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	110 U	120 U	110 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	240 U	220 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	110 U	120 U	110 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	110 U	120 U	110 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	240 U	220 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	240 U	220 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,400 U	2,200 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	110 U	120 U	110 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	240 U	220 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	110 U	120 U	110 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	120 U	120 U	110 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	240 U	220 U
N-Nitrosodimethyamine							380 U	390 U	360 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	240 U	220 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	240 U	220 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	4,100 U	3,700 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	110 U	120 U	110 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	380 U	390 U	360 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	110 U	120 U	110 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB2	SWMU1 SB3	SWMU1 SB3
Sample Date:							(8-10) 4/26/2004	(0-2) 4/27/2004	(2-4) 4/27/2004 DUPLICATE
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	260 U	240 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	120 U	130 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	130 U	120 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	120 U	130 U	120 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	380 U	420 U	390 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	380 U	420 U	390 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	380 U	420 U	390 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	380 U	420 U	390 U
2,4-Dinitrophenol							2,000 U	2,200 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	380 U	420 U	390 U
2,6-Dinitrotoluene							380 U	420 U	390 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	260 U	240 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	380 U	420 U	390 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	2,000 U	2,200 U	2,000 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	290 U	260 U	300 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	380 U	420 U	390 U
2-Nitroaniline							2,000 U	2,200 U	2,000 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	380 U	420 U	390 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	760 U	690 U	790 U
3-Nitroaniline							2,000 U	2,200 U	2,000 U
4-Bromophenyl-phenylether							230 U	260 U	230 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	380 U	420 U	390 U
4-Chlorophenyl-phenylether							120 U	130 U	120 U
4-Nitroaniline							2,000 U	2,200 U	2,000 U
4-Nitrophenol							2,000 U	2,200 U	2,000 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	120 U	130 U	120 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	120 U	130 U	120 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	120 U	130 U	120 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	260 U	240 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	120 U	130 U	120 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	230 U	260 U	240 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	230 U	260 U	240 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	260 U	240 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	260 U	240 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB2	SWMU1 SB3	SWMU1 SB3
Sample Date:							(8-10) 4/26/2004	(0-2) 4/27/2004	(2-4) 4/27/2004 DUPLICATE
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	260 U	240 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	120 U	130 U	120 U
bis(2-Chloroisopropyl)ether							120 U	130 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	260 U	240 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	120 U	130 U	120 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	380 U	420 U	390 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	120 U	130 U	120 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	260 U	240 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	380 U	420 U	390 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	120 U	130 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	260 U	240 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	120 U	130 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	260 U	240 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	120 U	130 U	120 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	120 U	130 U	120 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	260 U	240 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	260 U	240 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,600 U	2,400 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	120 U	130 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	260 U	240 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	120 U	130 U	120 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	120 U	130 U	120 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	260 U	240 U
N-Nitrosodimethyamine							380 U	420 U	390 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	260 U	240 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	260 U	240 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,900 U	4,400 U	4,100 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	120 U	130 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	380 U	420 U	390 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	120 U	130 U	120 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB3	SWMU1 SB4	SWMU1 SB4
Sample Date:							(7-9) 4/27/2004	(0-2) 4/26/2004	(6-8) 4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	240 U	250 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	120 U	120 U	110 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	120 U	120 U	110 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	120 U	120 U	110 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	390 U	410 U	380 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	390 U	410 U	380 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	390 U	410 U	380 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	390 U	410 U	380 U
2,4-Dinitrophenol							2,000 U	2,100 U	1,900 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	390 U	410 U	380 U
2,6-Dinitrotoluene							390 U	410 U	380 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	240 U	250 U	230 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	390 U	410 U	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	2,000 U	2,100 U	1,900 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	300 U	310 U	290 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	390 U	410 U	380 U
2-Nitroaniline							2,000 U	2,100 U	1,900 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	390 U	410 U	380 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	790 U	820 U	750 U
3-Nitroaniline							2,000 U	2,100 U	1,900 U
4-Bromophenyl-phenylether							230 U	250 U	230 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	390 U	410 U	380 U
4-Chlorophenyl-phenylether							120 U	120 U	110 U
4-Nitroaniline							2,000 U	2,100 U	1,900 U
4-Nitrophenol							2,000 U	2,100 U	1,900 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	120 U	120 U	110 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	120 U	120 U	110 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	120 U	120 U	110 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	240 U	250 U	230 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	120 U	120 U	110 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	240 U	250 U	230 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	240 U	250 U	230 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	240 U	250 U	230 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	240 U	250 U	230 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB3	SWMU1 SB4	SWMU1 SB4
							(7-9)	(0-2)	(6-8)
Sample Date:							4/27/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	240 U	250 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	120 U	120 U	110 U
bis(2-Chloroisopropyl)ether							120 U	120 U	110 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	240 U	250 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	120 U	120 U	110 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	390 U	410 U	380 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	120 U	120 U	110 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	240 U	250 U	230 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	390 U	410 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	120 U	120 U	110 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	240 U	250 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	120 U	120 U	110 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	240 U	250 U	230 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	120 U	120 U	110 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	120 U	120 U	110 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	240 U	250 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	240 U	250 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,400 U	2,500 U	2,300 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	120 U	120 U	110 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	240 U	250 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	120 U	120 U	110 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	120 U	120 U	110 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	240 U	250 U	230 U
N-Nitrosodimethyamine							390 U	410 U	380 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	240 U	250 U	230 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	240 U	250 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	4,100 U	4,200 U	3,900 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	120 U	120 U	110 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	390 U	410 U	380 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	120 U	120 U	110 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB4 (7-9)	SWMU1 SB5 (2-4)	SWMU1 SB5 (7-9)
Sample Date:							6/30/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
1,2,4-Trichlorobenzene	1.10E+06	9.9E+05 (DD)	1.1E+06	1.10E+06 (C)	2.80E+07	2.50E+10	230 U	240 U	230 U
1,2-Dichlorobenzene	2.1E+05 (C)	2.1E+05 (C)	2.10E+05	2.10E+05 (C)	3.90E+07	1.00E+11	110 U	120 U	120 U
1,3-Dichlorobenzene	51,000	1.7E+05 (C)	1.70E+05	ID	ID	ID	110 U	120 U	120 U
1,4-Dichlorobenzene	1.40E+05	4.0E+05	NA	19,000	77,000	4.50E+08	110 U	120 U	120 U
2,4,5-Trichlorophenol	9.10E+06	2.30E+07	NA	NLV	NLV	2.30E+10	370 U	400 U	380 U
2,4,6-Trichlorophenol	2.00E+05	7.1E+05	NA	NLV	NLV	1.00E+09	370 U	400 U	380 U
2,4-Dichlorophenol	9.60E+05	6.6E+05 (DD)	1.8E+06	NLV	NLV	5.10E+09	370 U	400 U	380 U
2,4-Dimethylphenol	1.00E+07	1.1E+07	NA	NLV	NLV	4.70E+09	370 U	400 U	380 U
2,4-Dinitrophenol							1,900 U	2,100 U	2,000 U
2,4-Dinitrotoluene	1.70E+05	48,000	NA	NLV	NLV	1.60E+07	370 U	400 U	380 U
2,6-Dinitrotoluene							370 U	400 U	380 U
2-Chloronaphthalene	2.30E+06	5.70E+07	NA	ID	ID	ID	230 U	240 U	230 U
2-Chlorophenol	1.90E+06	1.40E+06	1.90E+07	ID	ID	ID	370 U	400 U	380 U
2-Methyl-4,6-dinitrophenol	1.90E+05	79000	NA	NLV	NLV	ID	1,900 U	2,100 U	2,000 U
2-Methylnaphthalene	5.50E+06	8.10E+06	NA	ID	ID	ID	280 U	310 U	290 U
2-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	370 U	400 U	380 U
2-Nitroaniline							1,900 U	2,100 U	2,000 U
2-Nitrophenol	1.60E+06	6.3E+05	NA	NLV	NLV	ID	370 U	400 U	380 U
3/4-Methylphenol	1.60E+07	1.10E+07	NA	NLV	NLV	6.70E+09	750 U	810 U	760 U
3-Nitroaniline							1,900 U	2,100 U	2,000 U
4-Bromophenyl-phenylether							230 U	240 U	230 U
4-Chloro-3-methylphenol	3.00E+06	4.5E+06	NA	NLV	NLV	ID	370 U	400 U	380 U
4-Chlorophenyl-phenylether							110 U	120 U	120 U
4-Nitroaniline							1,900 U	2,100 U	2,000 U
4-Nitrophenol							1,900 U	2,100 U	2,000 U
Acenaphthene	9.70E+05	4.10E+07	NA	1.90E+08	8.10E+07	1.40E+10	110 U	120 U	120 U
Acenaphthylene	4.40E+05	1.6E+06	NA	1.6E+06	2.20E+06	2.30E+06	110 U	120 U	120 U
Anthracene	41,000	2.30E+08	NA	1.00E+09 (D)	1.40E+09	6.70E+10	110 U	120 U	120 U
Azobenzene	3.00E+05	1.40E+05	NA	6.10E+06	6.30E+05	1.00E+08	230 U	240 U	230 U
Benzo(a)anthracene	NLL	20,000	NA	NLV	NLV	ID	110 U	120 U	120 U
Benzo(a)pyrene	NLL	2,000	NA	NLV	NLV	1.50E+06	230 U	240 U	230 U
Benzo(b)fluoranthene	NLL	20,000	NA	ID	ID	ID	230 U	240 U	230 U
Benzo(g,h,i)perylene	NLL	2.5E+06	NA	NLV	NLV	8.00E+08	230 U	240 U	230 U
Benzo(k)fluoranthene	NLL	2.0E+05	NA	NLV	NLV	ID	230 U	240 U	230 U

Table TM 1-9.1
Semi-Volatile Compounds in Soil/Sediment (Industrial Criteria)
Spring 2004
Carter Color Coat
Detroit, Michigan

Sample Location:							SWMU1 SB4 (7-9)	SWMU1 SB5 (2-4)	SWMU1 SB5 (7-9)
Sample Date:							6/30/2004	4/26/2004	4/26/2004
	MDEQ PART 201 INDUSTRIAL CLEANUP CRITERIA								
	Groundwater Contact Protection Criteria	Direct Contact Residential & Commercial I	Direct Contact Soil Saturation Concentration Screening Levels	Volatilization to Indoor Air	Ambient Air Infinite Source Volatile Soil Inhalation	Ambient Air Particulate Soil Inhalation Criteria			
Semi-Volatile Organic Compounds (ug/Kg)									
bis(2-Chloroethoxy)methane	ID	ID	2.70E+06	NLV	NLV	ID	230 U	240 U	230 U
bis(2-Chloroethyl)ether	1.10E+05	13,000	2.20E+06	8,300	3,800	9.40E+06	110 U	120 U	120 U
bis(2-Chloroisopropyl)ether							110 U	120 U	120 U
bis(2-Ethylhexyl)phthalate	NLL	2.80E+06	1.00E+07	NLV	NLV	7.00E+08	230 U	240 U	230 U
Butylbenzylphthalate	3.10E+05 (C)	3.10E+05(C)	3.10E+05	NLV	NLV	4.70E+10	110 U	120 U	120 U
Carbazole	8.20E+05	5.30E+05	NA	NLV	NLV	ID	370 U	400 U	380 U
Chrysene	NLL	2.00E+06	NA	ID	ID	ID	110 U	120 U	120 U
Dibenzo(a,h)anthracene	NLL	2,000	NA	NLV	NLV	ID	230 U	240 U	230 U
Dibenzofuran	ID	ID	NA	ID	ID	ID	370 U	400 U	380 U
Diethylphthalate	7.4E+05 (C)	7.4E+05 (C)	7.40E+05	NLV	NLV	3.30E+09	110 U	120 U	120 U
Dimethylphthalate	7.90E+05 (C)	7.90E+05 (C)	7.90E+05	NLV	NLV	3.30E+09	230 U	240 U	230 U
Di-n-butylphthalate	7.60E+05 (C)	7.60E+05 (C)	7.60E+05	NLV	NLV	3.30E+09	110 U	120 U	120 U
Di-n-octylphthalate	1.40E+08 (C)	6.90E+06	1.40E+08	NLV	NLV	ID	230 U	240 U	230 U
Fluorene	8.90E+05	2.70E+07	NA	5.80E+08	1.30E+08	9.30E+09	110 U	120 U	120 U
Fluoranthene	7.30E+05	4.60E+07	NA	1.00E+09 (D)	7.40E+08	9.30E+09	110 U	120 U	120 U
Hexachlorobenzene	8,200	8,900	NA	41000	17000	6.80E+06	230 U	240 U	230 U
Hexachlorobutadiene	3.50E+05 (C)	1.00E+05	3.50E+05	1.30E+05	1.30E+05	1.40E+08	230 U	240 U	230 U
Hexachlorocyclopentadiene	7.20E+05 (C)	7.20E+05 (C)	7.20E+05	30,000	50,000	1.30E+07	2,300 U	2,400 U	2,300 U
Hexachloroethane	1.10E+05	2.30E+05	NA	40,000	5.50E+05	2.30E+08	110 U	120 U	120 U
Indeno(1,2,3-cd)pyrene	NLL	20,000	NA	NLV	NLV	ID	230 U	240 U	230 U
Isophorone	2.4E+06 (C)	2.4E+06 (C)	2.40E+06	NLV	NLV	1.20E+10	110 U	120 U	120 U
Naphthalene	2.10E+06	1.60E+07	NA	2.50E+05	3.00E+05	2.00E+08	110 U	120 U	120 U
Nitrobenzene	2.20E+05	1.00E+05	4.90E+05	200 (M)	200 (M)	200 (M)	230 U	240 U	230 U
N-Nitrosodimethyamine							370 U	400 U	380 U
N-Nitroso-di-n-propylamine	7,200	1,200	1.50E+06	NLV	NLV	1.60E+06	230 U	240 U	230 U
N-Nitrosodiphenylamine	7.00E+05	1.70E+06	NA	NLV	NLV	ID	230 U	240 U	230 U
Pentachlorophenol	4,300	3.20E+05	NA	NLV	NLV	1.30E+08	3,800 U	4,200 U	3,900 U
Phenanthrene	1.10E+06	1.60E+06	NA	2.80E+06	1.60E+05	6.70E+06	110 U	120 U	120 U
Phenol	1.2E+07 (C)	1.2E+07 (C,DD)	1.20E+07	NLV	NLV	4.00E+10	370 U	400 U	380 U
Pyrene	4.80E+05	2.90E+07	NA	1.00E+09 (D)	6.50E+08	6.70E+09	110 U	120 U	120 U