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September 6, 2012

Farid Khouri, *City Engineer*
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810

Dear Mr. Khouri:

On June 8, 2012, Brooks' office in Norwalk received soil samples from four schools in Danbury, CT. The samples were collected for Fuller & D'Angelo P.C., Elmsford, NY by Soil Testing, Inc., Oxford, CT.

Sampling sites and dates were as follows:

1. Stadley Rough Elementary School - June 7, 2012 - 12 samples.
2. Shelter Rock Elementary School - June 12, 2012 - 12 samples.
3. Park Avenue Elementary School - June 6, 2012 - 12 samples.
4. Mill Ridge Intermediate School - June 6, 2012 - 6 samples.

Each of the forty-two soil samples were reported as being collected using a "core boring" sampling technique at various depths from the surface to the depth of twelve feet below surface.

At your department's request, one composite sample for each school site was made by combining all the samples from that school. The resulting four composite samples were submitted to the Spectrum Analytical, Agawam, MA, a State of Connecticut certified Public Health Laboratory. Each sample was tested for the following parameters using the TCLP method:

- Total Extractable Hydrocarbons
- Semi-Volatile Organics
- Volatile Organics
- Pesticides
- RCRA 8 Metals
- Conductivity & reactivity

The results were compared to State of Connecticut DEEP RSR regulation, the most strict standard for residential direct exposure criterion (Res-DEC). **All of the tested parameters were found to be in compliance with this standard.**

Enclosed are the laboratory report and four comparison tables to make it easier to view the results. Please note that this study cannot be used for legal compliance since composite sampling is not acceptable to CT-DEEP.

Please feel free to call me if you have any questions.

Sincerely yours,

Mike Zubarev
Technical Environmental Consultant

enclosures
BEC# 120368

Spectrum Analytical, Inc. - Criteria Comparison - Generated 9/6/2012 12:31 PM
Client ID: (1) Stadley Rough Elementary School, Danbury, CT
Matrix: Soil
Sampled: 6/7/2012

Method / Analyte	Units	Result	RDL	CT Soil - Res. DEC
CT ETPH				
Gasoline	mg/kg	BRL	15	
Fuel Oil #2	mg/kg	BRL	15	
Fuel Oil #4	mg/kg	BRL	15	
Fuel Oil #6	mg/kg	BRL	15	
Motor Oil	mg/kg	BRL	15	
Aviation Fuel	mg/kg	BRL	15	
Unidentified	mg/kg	BRL	15	
Other Oil	mg/kg	BRL	15	
Total Petroleum Hydrocarbons	mg/kg	BRL	15	500
C9-C36 Aliphatic Hydrocarbons	mg/kg	BRL	15	
SM2510B				
Specific Conductance (EC)	uS/cm	142	10	
SM2540 G Mod.				
% Solids	%	87.3		
SW846 6010C				
Silver	mg/kg	BRL	1.57	340
Arsenic	mg/kg	BRL	1.57	10
Barium	mg/kg	105	1.04	4700
Cadmium	mg/kg	BRL	0.522	34
Chromium	mg/kg	21.7	1.04	
Lead	mg/kg	5.93	1.57	500
Selenium	mg/kg	BRL	1.57	340
SW846 7471B				

Mercury	mg/kg	BRL	0.0338	20
SW846 8081B				
alpha-BHC	µg/kg	BRL	5.69	97
beta-BHC	µg/kg	BRL	5.69	340
delta-BHC	µg/kg	BRL	5.69	97
gamma-BHC (Lindane)	µg/kg	BRL	5.69	20000
Heptachlor	µg/kg	BRL	5.69	140
Aldrin	µg/kg	BRL	5.69	36
Heptachlor epoxide	µg/kg	BRL	5.69	67
Endosulfan I	µg/kg	BRL	5.69	410000
Dieldrin	µg/kg	BRL	5.69	38
4,4'-DDE (p,p')	µg/kg	BRL	5.69	1800
Endrin	µg/kg	BRL	9.1	20000
Endosulfan II	µg/kg	BRL	9.1	410000
4,4'-DDD (p,p')	µg/kg	BRL	9.1	2600
Endosulfan sulfate	µg/kg	BRL	9.1	410000
4,4'-DDT (p,p')	µg/kg	BRL	9.1	1800
Methoxychlor	µg/kg	BRL	9.1	340000
Endrin ketone	µg/kg	BRL	9.1	20000
Endrin aldehyde	µg/kg	BRL	9.1	20000
alpha-Chlordane	µg/kg	BRL	5.69	
gamma-Chlordane	µg/kg	BRL	5.69	
Toxaphene	µg/kg	BRL	114	560
Chlordane	µg/kg	BRL	22.8	490
Alachlor	µg/kg	BRL	5.69	7700
SW846 8260C				
1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/kg	BRL	6.3	
Acetone	µg/kg	BRL	63.1	500000
Acrylonitrile	µg/kg	BRL	6.3	1100
Benzene	µg/kg	BRL	6.3	21000
Bromobenzene	µg/kg	BRL	6.3	
Bromochloromethane	µg/kg	BRL	6.3	
Bromodichloromethane	µg/kg	BRL	6.3	9900
Bromoform	µg/kg	BRL	6.3	78000
Bromomethane	µg/kg	BRL	12.6	95000

2-Butanone (MEK)	µg/kg	BRL	63.1	500000
n-Butylbenzene	µg/kg	BRL	6.3	500000
sec-Butylbenzene	µg/kg	BRL	6.3	500000
tert-Butylbenzene	µg/kg	BRL	6.3	500000
Carbon disulfide	µg/kg	BRL	12.6	500000
Carbon tetrachloride	µg/kg	BRL	6.3	4700
Chlorobenzene	µg/kg	BRL	6.3	500000
Chloroethane	µg/kg	BRL	12.6	210000
Chloroform	µg/kg	BRL	6.3	100000
Chloromethane	µg/kg	BRL	12.6	47000
2-Chlorotoluene	µg/kg	BRL	6.3	500000
4-Chlorotoluene	µg/kg	BRL	6.3	500000
1,2-Dibromo-3-chloropropane	µg/kg	BRL	12.6	440
Dibromochloromethane	µg/kg	BRL	6.3	7300
1,2-Dibromoethane (EDB)	µg/kg	BRL	6.3	7
Dibromomethane	µg/kg	BRL	6.3	
1,2-Dichlorobenzene	µg/kg	BRL	6.3	500000
1,3-Dichlorobenzene	µg/kg	BRL	6.3	500000
1,4-Dichlorobenzene	µg/kg	BRL	6.3	26000
Dichlorodifluoromethane (Freon12)	µg/kg	BRL	12.6	
1,1-Dichloroethane	µg/kg	BRL	6.3	500000
1,2-Dichloroethane	µg/kg	BRL	6.3	6700
1,1-Dichloroethene	µg/kg	BRL	6.3	1000
cis-1,2-Dichloroethene	µg/kg	BRL	6.3	500000
trans-1,2-Dichloroethene	µg/kg	BRL	6.3	500000
1,2-Dichloropropane	µg/kg	BRL	6.3	9000
1,3-Dichloropropane	µg/kg	BRL	6.3	
2,2-Dichloropropane	µg/kg	BRL	6.3	
1,1-Dichloropropene	µg/kg	BRL	6.3	
cis-1,3-Dichloropropene	µg/kg	BRL	6.3	
trans-1,3-Dichloropropene	µg/kg	BRL	6.3	
Ethylbenzene	µg/kg	BRL	6.3	500000
Hexachlorobutadiene	µg/kg	BRL	6.3	7900
2-Hexanone (MBK)	µg/kg	BRL	63.1	
Isopropylbenzene	µg/kg	BRL	6.3	500000
4-Isopropyltoluene	µg/kg	BRL	6.3	500000
Methyl tert-butyl ether	µg/kg	BRL	6.3	500000

4-Methyl-2-pentanone (MIBK)	µg/kg	BRL	63.1	500000
Methylene chloride	µg/kg	12.8	12.6	82000
Naphthalene	µg/kg	BRL	6.3	1000000
n-Propylbenzene	µg/kg	BRL	6.3	500000
Styrene	µg/kg	BRL	6.3	500000
1,1,1,2-Tetrachloroethane	µg/kg	BRL	6.3	24000
1,1,2,2-Tetrachloroethane	µg/kg	BRL	6.3	3100
Tetrachloroethene	µg/kg	BRL	6.3	12000
Toluene	µg/kg	BRL	6.3	500000
1,2,3-Trichlorobenzene	µg/kg	BRL	6.3	
1,2,4-Trichlorobenzene	µg/kg	BRL	6.3	680000
1,3,5-Trichlorobenzene	µg/kg	BRL	6.3	
1,1,1-Trichloroethane	µg/kg	BRL	6.3	500000
1,1,2-Trichloroethane	µg/kg	BRL	6.3	11000
Trichloroethene	µg/kg	BRL	6.3	56000
Trichlorofluoromethane (Freon 11)	µg/kg	BRL	6.3	500000
1,2,3-Trichloropropane	µg/kg	BRL	6.3	
1,2,4-Trimethylbenzene	µg/kg	BRL	6.3	500000
1,3,5-Trimethylbenzene	µg/kg	BRL	6.3	500000
Vinyl chloride	µg/kg	BRL	6.3	320
m,p-Xylene	µg/kg	BRL	12.6	500000
o-Xylene	µg/kg	BRL	6.3	500000
Tetrahydrofuran	µg/kg	BRL	12.6	81000
Ethyl ether	µg/kg	BRL	6.3	
Tert-amyl methyl ether	µg/kg	BRL	6.3	
Ethyl tert-butyl ether	µg/kg	BRL	6.3	
Di-isopropyl ether	µg/kg	BRL	6.3	
Tert-Butanol / butyl alcohol	µg/kg	BRL	63.1	
1,4-Dioxane	µg/kg	BRL	126	220000
trans-1,4-Dichloro-2-butene	µg/kg	BRL	31.5	
Ethanol	µg/kg	BRL	2520	
SW846 8270D				
Acenaphthene	µg/kg	BRL	377	1000000
Acenaphthylene	µg/kg	BRL	377	1000000
Aniline	µg/kg	BRL	745	107000
Anthracene	µg/kg	BRL	377	1000000

Azobenzene/Diphenyldiazine	µg/kg	BRL	745	
Benzidine	µg/kg	BRL	745	
Benzo (a) anthracene	µg/kg	BRL	377	1000
Benzo (a) pyrene	µg/kg	BRL	377	1000
Benzo (b) fluoranthene	µg/kg	BRL	377	1000
Benzo (g,h,i) perylene	µg/kg	BRL	377	1000000
Benzo (k) fluoranthene	µg/kg	BRL	377	8400
Benzoic acid	µg/kg	BRL	745	1000000
Benzyl alcohol	µg/kg	BRL	745	
Bis(2-chloroethoxy)methane	µg/kg	BRL	745	
Bis(2-chloroethyl)ether	µg/kg	BRL	377	1000
Bis(2-chloroisopropyl)ether	µg/kg	BRL	377	
Bis(2-ethylhexyl)phthalate	µg/kg	BRL	377	44000
4-Bromophenyl phenyl ether	µg/kg	BRL	745	500000
Butyl benzyl phthalate	µg/kg	BRL	745	1000000
Carbazole	µg/kg	BRL	377	31000
4-Chloro-3-methylphenol	µg/kg	BRL	745	
4-Chloroaniline	µg/kg	BRL	377	270000
2-Chloronaphthalene	µg/kg	BRL	745	1000000
2-Chlorophenol	µg/kg	BRL	377	340000
4-Chlorophenyl phenyl ether	µg/kg	BRL	745	500000
Chrysene	µg/kg	BRL	377	84000
Dibenzo (a,h) anthracene	µg/kg	BRL	377	1000
Dibenzofuran	µg/kg	BRL	377	270000
1,2-Dichlorobenzene	µg/kg	BRL	745	500000
1,3-Dichlorobenzene	µg/kg	BRL	745	500000
1,4-Dichlorobenzene	µg/kg	BRL	745	26000
3,3´-Dichlorobenzidine	µg/kg	BRL	745	1400
2,4-Dichlorophenol	µg/kg	BRL	377	200000
Diethyl phthalate	µg/kg	BRL	745	1000000
Dimethyl phthalate	µg/kg	BRL	745	1000000
2,4-Dimethylphenol	µg/kg	BRL	745	1000000
Di-n-butyl phthalate	µg/kg	BRL	745	1000000
4,6-Dinitro-2-methylphenol	µg/kg	BRL	745	
2,4-Dinitrophenol	µg/kg	BRL	745	140000
2,4-Dinitrotoluene	µg/kg	BRL	377	140000
2,6-Dinitrotoluene	µg/kg	BRL	377	68000

Di-n-octyl phthalate	µg/kg	BRL	745	1000000
Fluoranthene	µg/kg	BRL	377	1000000
Fluorene	µg/kg	BRL	377	1000000
Hexachlorobenzene	µg/kg	BRL	377	1000
Hexachlorobutadiene	µg/kg	BRL	377	7900
Hexachlorocyclopentadiene	µg/kg	BRL	377	470000
Hexachloroethane	µg/kg	BRL	377	44000
Indeno (1,2,3-cd) pyrene	µg/kg	BRL	377	1000
Isophorone	µg/kg	BRL	377	640000
2-Methylnaphthalene	µg/kg	BRL	377	474000
2-Methylphenol	µg/kg	BRL	745	1000000
3 & 4-Methylphenol	µg/kg	BRL	745	
Naphthalene	µg/kg	BRL	377	1000000
2-Nitroaniline	µg/kg	BRL	745	4100
3-Nitroaniline	µg/kg	BRL	745	200000
4-Nitroaniline	µg/kg	BRL	377	200000
Nitrobenzene	µg/kg	BRL	377	34000
2-Nitrophenol	µg/kg	BRL	377	540000
4-Nitrophenol	µg/kg	BRL	2980	
N-Nitrosodimethylamine	µg/kg	BRL	377	
N-Nitrosodi-n-propylamine	µg/kg	BRL	377	1000
N-Nitrosodiphenylamine	µg/kg	BRL	745	130000
Pentachlorophenol	µg/kg	BRL	745	5100
Phenanthrene	µg/kg	BRL	377	1000000
Phenol	µg/kg	BRL	745	1000000
Pyrene	µg/kg	BRL	377	1000000
Pyridine	µg/kg	BRL	745	7000
1,2,4-Trichlorobenzene	µg/kg	BRL	745	680000
1-Methylnaphthalene	µg/kg	BRL	377	
2,4,5-Trichlorophenol	µg/kg	BRL	745	1000000
2,4,6-Trichlorophenol	µg/kg	BRL	377	56000
Pentachloronitrobenzene	µg/kg	BRL	745	2400
1,2,4,5-Tetrachlorobenzene	µg/kg	BRL	745	20000
SW846 Ch. 7.3				
Reactivity	mg/kg	Nonreactive		
Reactive Cyanide	mg/kg	BRL	24.2	

Reactive Sulfide	mg/kg	BRL	48.4

Comparison criteria values are provided as a convenience for client review.
The user should verify that these values are the most current, and that concentrations and units are accurate.
Please report any discrepancies to our Quality Assurance Department.
BRL means the result was less than the value given in the RDL column.

Spectrum Analytical, Inc. - Criteria Comparison - Generated 9/6/2012 12:33 PM
Client ID: (2) Shelter Rock Elementary School, Danbury, CT
Matrix: Soil
Sampled: 6/7/2012

Method / Analyte	Units	Result	RDL	CT Soil - Res. DEC
CT ETPH				
Gasoline	mg/kg	BRL	14.4	
Fuel Oil #2	mg/kg	BRL	14.4	
Fuel Oil #4	mg/kg	BRL	14.4	
Fuel Oil #6	mg/kg	BRL	14.4	
Motor Oil	mg/kg	BRL	14.4	
Aviation Fuel	mg/kg	BRL	14.4	
Unidentified	mg/kg	BRL	14.4	
Other Oil	mg/kg	BRL	14.4	
Total Petroleum Hydrocarbons	mg/kg	BRL	14.4	500
C9-C36 Aliphatic Hydrocarbons	mg/kg	BRL	14.4	
SM2510B				
Specific Conductance (EC)	uS/cm	120	10	
SM2540 G Mod.				
% Solids	%	90.5		
SW846 6010C				
Silver	mg/kg	BRL	1.46	340
Arsenic	mg/kg	BRL	1.46	10
Barium	mg/kg	127	0.97	4700
Cadmium	mg/kg	BRL	0.485	34
Chromium	mg/kg	21.8	0.97	
Lead	mg/kg	4.41	1.46	500
Selenium	mg/kg	BRL	1.46	340
SW846 7471B				

Mercury	mg/kg	BRL	0.0322	20
SW846 8081B				
alpha-BHC	µg/kg	BRL	5.41	97
beta-BHC	µg/kg	BRL	5.41	340
delta-BHC	µg/kg	BRL	5.41	97
gamma-BHC (Lindane)	µg/kg	BRL	5.41	20000
Heptachlor	µg/kg	BRL	5.41	140
Aldrin	µg/kg	BRL	5.41	36
Heptachlor epoxide	µg/kg	BRL	5.41	67
Endosulfan I	µg/kg	BRL	5.41	410000
Dieldrin	µg/kg	BRL	5.41	38
4,4'-DDE (p,p')	µg/kg	BRL	5.41	1800
Endrin	µg/kg	BRL	8.66	20000
Endosulfan II	µg/kg	BRL	8.66	410000
4,4'-DDD (p,p')	µg/kg	BRL	8.66	2600
Endosulfan sulfate	µg/kg	BRL	8.66	410000
4,4'-DDT (p,p')	µg/kg	BRL	8.66	1800
Methoxychlor	µg/kg	BRL	8.66	340000
Endrin ketone	µg/kg	BRL	8.66	20000
Endrin aldehyde	µg/kg	BRL	8.66	20000
alpha-Chlordane	µg/kg	BRL	5.41	
gamma-Chlordane	µg/kg	BRL	5.41	
Toxaphene	µg/kg	BRL	108	560
Chlordane	µg/kg	BRL	21.7	490
Alachlor	µg/kg	BRL	5.41	7700
SW846 8260C				
1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/kg	BRL	6.7	
Acetone	µg/kg	BRL	67.1	500000
Acrylonitrile	µg/kg	BRL	6.7	1100
Benzene	µg/kg	BRL	6.7	21000
Bromobenzene	µg/kg	BRL	6.7	
Bromochloromethane	µg/kg	BRL	6.7	
Bromodichloromethane	µg/kg	BRL	6.7	9900
Bromoform	µg/kg	BRL	6.7	78000
Bromomethane	µg/kg	BRL	13.4	95000

2-Butanone (MEK)	µg/kg	BRL	67.1	500000
n-Butylbenzene	µg/kg	BRL	6.7	500000
sec-Butylbenzene	µg/kg	BRL	6.7	500000
tert-Butylbenzene	µg/kg	BRL	6.7	500000
Carbon disulfide	µg/kg	BRL	13.4	500000
Carbon tetrachloride	µg/kg	BRL	6.7	4700
Chlorobenzene	µg/kg	BRL	6.7	500000
Chloroethane	µg/kg	BRL	13.4	210000
Chloroform	µg/kg	BRL	6.7	100000
Chloromethane	µg/kg	BRL	13.4	47000
2-Chlorotoluene	µg/kg	BRL	6.7	500000
4-Chlorotoluene	µg/kg	BRL	6.7	500000
1,2-Dibromo-3-chloropropane	µg/kg	BRL	13.4	440
Dibromochloromethane	µg/kg	BRL	6.7	7300
1,2-Dibromoethane (EDB)	µg/kg	BRL	6.7	7
Dibromomethane	µg/kg	BRL	6.7	
1,2-Dichlorobenzene	µg/kg	BRL	6.7	500000
1,3-Dichlorobenzene	µg/kg	BRL	6.7	500000
1,4-Dichlorobenzene	µg/kg	BRL	6.7	26000
Dichlorodifluoromethane (Freon12)	µg/kg	BRL	13.4	
1,1-Dichloroethane	µg/kg	BRL	6.7	500000
1,2-Dichloroethane	µg/kg	BRL	6.7	6700
1,1-Dichloroethene	µg/kg	BRL	6.7	1000
cis-1,2-Dichloroethene	µg/kg	BRL	6.7	500000
trans-1,2-Dichloroethene	µg/kg	BRL	6.7	500000
1,2-Dichloropropane	µg/kg	BRL	6.7	9000
1,3-Dichloropropane	µg/kg	BRL	6.7	
2,2-Dichloropropane	µg/kg	BRL	6.7	
1,1-Dichloropropene	µg/kg	BRL	6.7	
cis-1,3-Dichloropropene	µg/kg	BRL	6.7	
trans-1,3-Dichloropropene	µg/kg	BRL	6.7	
Ethylbenzene	µg/kg	BRL	6.7	500000
Hexachlorobutadiene	µg/kg	BRL	6.7	7900
2-Hexanone (MBK)	µg/kg	BRL	67.1	
Isopropylbenzene	µg/kg	BRL	6.7	500000
4-Isopropyltoluene	µg/kg	BRL	6.7	500000
Methyl tert-butyl ether	µg/kg	BRL	6.7	500000

4-Methyl-2-pentanone (MIBK)	µg/kg	BRL	67.1	500000
Methylene chloride	µg/kg	BRL	13.4	82000
Naphthalene	µg/kg	BRL	6.7	1000000
n-Propylbenzene	µg/kg	BRL	6.7	500000
Styrene	µg/kg	BRL	6.7	500000
1,1,1,2-Tetrachloroethane	µg/kg	BRL	6.7	24000
1,1,2,2-Tetrachloroethane	µg/kg	BRL	6.7	3100
Tetrachloroethene	µg/kg	BRL	6.7	12000
Toluene	µg/kg	BRL	6.7	500000
1,2,3-Trichlorobenzene	µg/kg	BRL	6.7	
1,2,4-Trichlorobenzene	µg/kg	BRL	6.7	680000
1,3,5-Trichlorobenzene	µg/kg	BRL	6.7	
1,1,1-Trichloroethane	µg/kg	BRL	6.7	500000
1,1,2-Trichloroethane	µg/kg	BRL	6.7	11000
Trichloroethene	µg/kg	BRL	6.7	56000
Trichlorofluoromethane (Freon 11)	µg/kg	BRL	6.7	500000
1,2,3-Trichloropropane	µg/kg	BRL	6.7	
1,2,4-Trimethylbenzene	µg/kg	BRL	6.7	500000
1,3,5-Trimethylbenzene	µg/kg	BRL	6.7	500000
Vinyl chloride	µg/kg	BRL	6.7	320
m,p-Xylene	µg/kg	BRL	13.4	500000
o-Xylene	µg/kg	BRL	6.7	500000
Tetrahydrofuran	µg/kg	BRL	13.4	81000
Ethyl ether	µg/kg	BRL	6.7	
Tert-amyl methyl ether	µg/kg	BRL	6.7	
Ethyl tert-butyl ether	µg/kg	BRL	6.7	
Di-isopropyl ether	µg/kg	BRL	6.7	
Tert-Butanol / butyl alcohol	µg/kg	BRL	67.1	
1,4-Dioxane	µg/kg	BRL	134	220000
trans-1,4-Dichloro-2-butene	µg/kg	BRL	33.5	
Ethanol	µg/kg	BRL	2680	
SW846 8270D				
Acenaphthene	µg/kg	BRL	363	1000000
Acenaphthylene	µg/kg	BRL	363	1000000
Aniline	µg/kg	BRL	717	107000
Anthracene	µg/kg	BRL	363	1000000

Azobenzene/Diphenyldiazine	µg/kg	BRL	717	
Benzidine	µg/kg	BRL	717	
Benzo (a) anthracene	µg/kg	BRL	363	1000
Benzo (a) pyrene	µg/kg	BRL	363	1000
Benzo (b) fluoranthene	µg/kg	BRL	363	1000
Benzo (g,h,i) perylene	µg/kg	BRL	363	1000000
Benzo (k) fluoranthene	µg/kg	BRL	363	8400
Benzoic acid	µg/kg	BRL	717	1000000
Benzyl alcohol	µg/kg	BRL	717	
Bis(2-chloroethoxy)methane	µg/kg	BRL	717	
Bis(2-chloroethyl)ether	µg/kg	BRL	363	1000
Bis(2-chloroisopropyl)ether	µg/kg	BRL	363	
Bis(2-ethylhexyl)phthalate	µg/kg	BRL	363	44000
4-Bromophenyl phenyl ether	µg/kg	BRL	717	500000
Butyl benzyl phthalate	µg/kg	BRL	717	1000000
Carbazole	µg/kg	BRL	363	31000
4-Chloro-3-methylphenol	µg/kg	BRL	717	
4-Chloroaniline	µg/kg	BRL	363	270000
2-Chloronaphthalene	µg/kg	BRL	717	1000000
2-Chlorophenol	µg/kg	BRL	363	340000
4-Chlorophenyl phenyl ether	µg/kg	BRL	717	500000
Chrysene	µg/kg	BRL	363	84000
Dibenzo (a,h) anthracene	µg/kg	BRL	363	1000
Dibenzofuran	µg/kg	BRL	363	270000
1,2-Dichlorobenzene	µg/kg	BRL	717	500000
1,3-Dichlorobenzene	µg/kg	BRL	717	500000
1,4-Dichlorobenzene	µg/kg	BRL	717	26000
3,3´-Dichlorobenzidine	µg/kg	BRL	717	1400
2,4-Dichlorophenol	µg/kg	BRL	363	200000
Diethyl phthalate	µg/kg	BRL	717	1000000
Dimethyl phthalate	µg/kg	BRL	717	1000000
2,4-Dimethylphenol	µg/kg	BRL	717	1000000
Di-n-butyl phthalate	µg/kg	BRL	717	1000000
4,6-Dinitro-2-methylphenol	µg/kg	BRL	717	
2,4-Dinitrophenol	µg/kg	BRL	717	140000
2,4-Dinitrotoluene	µg/kg	BRL	363	140000
2,6-Dinitrotoluene	µg/kg	BRL	363	68000

Di-n-octyl phthalate	µg/kg	BRL	717	1000000
Fluoranthene	µg/kg	BRL	363	1000000
Fluorene	µg/kg	BRL	363	1000000
Hexachlorobenzene	µg/kg	BRL	363	1000
Hexachlorobutadiene	µg/kg	BRL	363	7900
Hexachlorocyclopentadiene	µg/kg	BRL	363	470000
Hexachloroethane	µg/kg	BRL	363	44000
Indeno (1,2,3-cd) pyrene	µg/kg	BRL	363	1000
Isophorone	µg/kg	BRL	363	640000
2-Methylnaphthalene	µg/kg	BRL	363	474000
2-Methylphenol	µg/kg	BRL	717	1000000
3 & 4-Methylphenol	µg/kg	BRL	717	
Naphthalene	µg/kg	BRL	363	1000000
2-Nitroaniline	µg/kg	BRL	717	4100
3-Nitroaniline	µg/kg	BRL	717	200000
4-Nitroaniline	µg/kg	BRL	363	200000
Nitrobenzene	µg/kg	BRL	363	34000
2-Nitrophenol	µg/kg	BRL	363	540000
4-Nitrophenol	µg/kg	BRL	2870	
N-Nitrosodimethylamine	µg/kg	BRL	363	
N-Nitrosodi-n-propylamine	µg/kg	BRL	363	1000
N-Nitrosodiphenylamine	µg/kg	BRL	717	130000
Pentachlorophenol	µg/kg	BRL	717	5100
Phenanthrene	µg/kg	BRL	363	1000000
Phenol	µg/kg	BRL	717	1000000
Pyrene	µg/kg	BRL	363	1000000
Pyridine	µg/kg	BRL	717	7000
1,2,4-Trichlorobenzene	µg/kg	BRL	717	680000
1-Methylnaphthalene	µg/kg	BRL	363	
2,4,5-Trichlorophenol	µg/kg	BRL	717	1000000
2,4,6-Trichlorophenol	µg/kg	BRL	363	56000
Pentachloronitrobenzene	µg/kg	BRL	717	2400
1,2,4,5-Tetrachlorobenzene	µg/kg	BRL	717	20000
SW846 Ch. 7.3				
Reactivity	mg/kg	Nonreactive		
Reactive Cyanide	mg/kg	BRL	24.3	

Reactive Sulfide	mg/kg	BRL	48.7

Comparison criteria values are provided as a convenience for client review.
The user should verify that these values are the most current, and that concentrations and units are accurate.
Please report any discrepancies to our Quality Assurance Department.
BRL means the result was less than the value given in the RDL column.

Spectrum Analytical, Inc. - Criteria Comparison - Generated 9/6/2012 12:34 PM
Client ID: (3) Park Avenue Elementary School, Danbury, CT
Matrix: Soil
Sampled: 6/6/2012

Method / Analyte	Units	Result	RDL	CT Soil - Res. DEC
CT ETPH				
Gasoline	mg/kg	BRL	14.9	
Fuel Oil #2	mg/kg	BRL	14.9	
Fuel Oil #4	mg/kg	BRL	14.9	
Fuel Oil #6	mg/kg	BRL	14.9	
Motor Oil	mg/kg	BRL	14.9	
Aviation Fuel	mg/kg	BRL	14.9	
Unidentified	mg/kg	BRL	14.9	
Other Oil	mg/kg	BRL	14.9	
Total Petroleum Hydrocarbons	mg/kg	BRL	14.9	500
C9-C36 Aliphatic Hydrocarbons	mg/kg	BRL	14.9	
SM2510B				
Specific Conductance (EC)	uS/cm	111	10	
SM2540 G Mod.				
% Solids	%	88.9		
SW846 6010C				
Silver	mg/kg	BRL	1.66	340
Arsenic	mg/kg	BRL	1.66	10
Barium	mg/kg	113	1.1	4700
Cadmium	mg/kg	BRL	0.552	34
Chromium	mg/kg	25.9	1.1	
Lead	mg/kg	3.75	1.66	500
Selenium	mg/kg	BRL	1.66	340
SW846 7471B				

Mercury	mg/kg	BRL	0.0306	20
SW846 8081B				
alpha-BHC	µg/kg	BRL	5.51	97
beta-BHC	µg/kg	BRL	5.51	340
delta-BHC	µg/kg	BRL	5.51	97
gamma-BHC (Lindane)	µg/kg	BRL	5.51	20000
Heptachlor	µg/kg	BRL	5.51	140
Aldrin	µg/kg	BRL	5.51	36
Heptachlor epoxide	µg/kg	BRL	5.51	67
Endosulfan I	µg/kg	BRL	5.51	410000
Dieldrin	µg/kg	BRL	5.51	38
4,4'-DDE (p,p')	µg/kg	BRL	5.51	1800
Endrin	µg/kg	BRL	8.82	20000
Endosulfan II	µg/kg	BRL	8.82	410000
4,4'-DDD (p,p')	µg/kg	BRL	8.82	2600
Endosulfan sulfate	µg/kg	BRL	8.82	410000
4,4'-DDT (p,p')	µg/kg	BRL	8.82	1800
Methoxychlor	µg/kg	BRL	8.82	340000
Endrin ketone	µg/kg	BRL	8.82	20000
Endrin aldehyde	µg/kg	BRL	8.82	20000
alpha-Chlordane	µg/kg	BRL	5.51	
gamma-Chlordane	µg/kg	BRL	5.51	
Toxaphene	µg/kg	BRL	110	560
Chlordane	µg/kg	BRL	22.1	490
Alachlor	µg/kg	BRL	5.51	7700
SW846 8260C				
1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/kg	BRL	5.7	
Acetone	µg/kg	BRL	56.7	500000
Acrylonitrile	µg/kg	BRL	5.7	1100
Benzene	µg/kg	BRL	5.7	21000
Bromobenzene	µg/kg	BRL	5.7	
Bromochloromethane	µg/kg	BRL	5.7	
Bromodichloromethane	µg/kg	BRL	5.7	9900
Bromoform	µg/kg	BRL	5.7	78000
Bromomethane	µg/kg	BRL	11.3	95000

2-Butanone (MEK)	µg/kg	BRL	56.7	500000
n-Butylbenzene	µg/kg	BRL	5.7	500000
sec-Butylbenzene	µg/kg	BRL	5.7	500000
tert-Butylbenzene	µg/kg	BRL	5.7	500000
Carbon disulfide	µg/kg	BRL	11.3	500000
Carbon tetrachloride	µg/kg	BRL	5.7	4700
Chlorobenzene	µg/kg	BRL	5.7	500000
Chloroethane	µg/kg	BRL	11.3	210000
Chloroform	µg/kg	BRL	5.7	100000
Chloromethane	µg/kg	BRL	11.3	47000
2-Chlorotoluene	µg/kg	BRL	5.7	500000
4-Chlorotoluene	µg/kg	BRL	5.7	500000
1,2-Dibromo-3-chloropropane	µg/kg	BRL	11.3	440
Dibromochloromethane	µg/kg	BRL	5.7	7300
1,2-Dibromoethane (EDB)	µg/kg	BRL	5.7	7
Dibromomethane	µg/kg	BRL	5.7	
1,2-Dichlorobenzene	µg/kg	BRL	5.7	500000
1,3-Dichlorobenzene	µg/kg	BRL	5.7	500000
1,4-Dichlorobenzene	µg/kg	BRL	5.7	26000
Dichlorodifluoromethane (Freon12)	µg/kg	BRL	11.3	
1,1-Dichloroethane	µg/kg	BRL	5.7	500000
1,2-Dichloroethane	µg/kg	BRL	5.7	6700
1,1-Dichloroethene	µg/kg	BRL	5.7	1000
cis-1,2-Dichloroethene	µg/kg	BRL	5.7	500000
trans-1,2-Dichloroethene	µg/kg	BRL	5.7	500000
1,2-Dichloropropane	µg/kg	BRL	5.7	9000
1,3-Dichloropropane	µg/kg	BRL	5.7	
2,2-Dichloropropane	µg/kg	BRL	5.7	
1,1-Dichloropropene	µg/kg	BRL	5.7	
cis-1,3-Dichloropropene	µg/kg	BRL	5.7	
trans-1,3-Dichloropropene	µg/kg	BRL	5.7	
Ethylbenzene	µg/kg	BRL	5.7	500000
Hexachlorobutadiene	µg/kg	BRL	5.7	7900
2-Hexanone (MBK)	µg/kg	BRL	56.7	
Isopropylbenzene	µg/kg	BRL	5.7	500000
4-Isopropyltoluene	µg/kg	BRL	5.7	500000
Methyl tert-butyl ether	µg/kg	BRL	5.7	500000

4-Methyl-2-pentanone (MIBK)	µg/kg	BRL	56.7	500000
Methylene chloride	µg/kg	BRL	11.3	82000
Naphthalene	µg/kg	BRL	5.7	1000000
n-Propylbenzene	µg/kg	BRL	5.7	500000
Styrene	µg/kg	BRL	5.7	500000
1,1,1,2-Tetrachloroethane	µg/kg	BRL	5.7	24000
1,1,2,2-Tetrachloroethane	µg/kg	BRL	5.7	3100
Tetrachloroethene	µg/kg	BRL	5.7	12000
Toluene	µg/kg	BRL	5.7	500000
1,2,3-Trichlorobenzene	µg/kg	BRL	5.7	
1,2,4-Trichlorobenzene	µg/kg	BRL	5.7	680000
1,3,5-Trichlorobenzene	µg/kg	BRL	5.7	
1,1,1-Trichloroethane	µg/kg	BRL	5.7	500000
1,1,2-Trichloroethane	µg/kg	BRL	5.7	11000
Trichloroethene	µg/kg	BRL	5.7	56000
Trichlorofluoromethane (Freon 11)	µg/kg	BRL	5.7	500000
1,2,3-Trichloropropane	µg/kg	BRL	5.7	
1,2,4-Trimethylbenzene	µg/kg	BRL	5.7	500000
1,3,5-Trimethylbenzene	µg/kg	BRL	5.7	500000
Vinyl chloride	µg/kg	BRL	5.7	320
m,p-Xylene	µg/kg	BRL	11.3	500000
o-Xylene	µg/kg	BRL	5.7	500000
Tetrahydrofuran	µg/kg	BRL	11.3	81000
Ethyl ether	µg/kg	BRL	5.7	
Tert-amyl methyl ether	µg/kg	BRL	5.7	
Ethyl tert-butyl ether	µg/kg	BRL	5.7	
Di-isopropyl ether	µg/kg	BRL	5.7	
Tert-Butanol / butyl alcohol	µg/kg	BRL	56.7	
1,4-Dioxane	µg/kg	BRL	113	220000
trans-1,4-Dichloro-2-butene	µg/kg	BRL	28.3	
Ethanol	µg/kg	BRL	2270	
SW846 8270D				
Acenaphthene	µg/kg	BRL	374	1000000
Acenaphthylene	µg/kg	BRL	374	1000000
Aniline	µg/kg	BRL	739	107000
Anthracene	µg/kg	BRL	374	1000000

Azobenzene/Diphenyldiazine	µg/kg	BRL	739	
Benzidine	µg/kg	BRL	739	
Benzo (a) anthracene	µg/kg	BRL	374	1000
Benzo (a) pyrene	µg/kg	BRL	374	1000
Benzo (b) fluoranthene	µg/kg	BRL	374	1000
Benzo (g,h,i) perylene	µg/kg	BRL	374	1000000
Benzo (k) fluoranthene	µg/kg	BRL	374	8400
Benzoic acid	µg/kg	BRL	739	1000000
Benzyl alcohol	µg/kg	BRL	739	
Bis(2-chloroethoxy)methane	µg/kg	BRL	739	
Bis(2-chloroethyl)ether	µg/kg	BRL	374	1000
Bis(2-chloroisopropyl)ether	µg/kg	BRL	374	
Bis(2-ethylhexyl)phthalate	µg/kg	BRL	374	44000
4-Bromophenyl phenyl ether	µg/kg	BRL	739	500000
Butyl benzyl phthalate	µg/kg	BRL	739	1000000
Carbazole	µg/kg	BRL	374	31000
4-Chloro-3-methylphenol	µg/kg	BRL	739	
4-Chloroaniline	µg/kg	BRL	374	270000
2-Chloronaphthalene	µg/kg	BRL	739	1000000
2-Chlorophenol	µg/kg	BRL	374	340000
4-Chlorophenyl phenyl ether	µg/kg	BRL	739	500000
Chrysene	µg/kg	BRL	374	84000
Dibenzo (a,h) anthracene	µg/kg	BRL	374	1000
Dibenzofuran	µg/kg	BRL	374	270000
1,2-Dichlorobenzene	µg/kg	BRL	739	500000
1,3-Dichlorobenzene	µg/kg	BRL	739	500000
1,4-Dichlorobenzene	µg/kg	BRL	739	26000
3,3´-Dichlorobenzidine	µg/kg	BRL	739	1400
2,4-Dichlorophenol	µg/kg	BRL	374	200000
Diethyl phthalate	µg/kg	BRL	739	1000000
Dimethyl phthalate	µg/kg	BRL	739	1000000
2,4-Dimethylphenol	µg/kg	BRL	739	1000000
Di-n-butyl phthalate	µg/kg	BRL	739	1000000
4,6-Dinitro-2-methylphenol	µg/kg	BRL	739	
2,4-Dinitrophenol	µg/kg	BRL	739	140000
2,4-Dinitrotoluene	µg/kg	BRL	374	140000
2,6-Dinitrotoluene	µg/kg	BRL	374	68000

Di-n-octyl phthalate	µg/kg	BRL	739	1000000
Fluoranthene	µg/kg	BRL	374	1000000
Fluorene	µg/kg	BRL	374	1000000
Hexachlorobenzene	µg/kg	BRL	374	1000
Hexachlorobutadiene	µg/kg	BRL	374	7900
Hexachlorocyclopentadiene	µg/kg	BRL	374	470000
Hexachloroethane	µg/kg	BRL	374	44000
Indeno (1,2,3-cd) pyrene	µg/kg	BRL	374	1000
Isophorone	µg/kg	BRL	374	640000
2-Methylnaphthalene	µg/kg	BRL	374	474000
2-Methylphenol	µg/kg	BRL	739	1000000
3 & 4-Methylphenol	µg/kg	BRL	739	
Naphthalene	µg/kg	BRL	374	1000000
2-Nitroaniline	µg/kg	BRL	739	4100
3-Nitroaniline	µg/kg	BRL	739	200000
4-Nitroaniline	µg/kg	BRL	374	200000
Nitrobenzene	µg/kg	BRL	374	34000
2-Nitrophenol	µg/kg	BRL	374	540000
4-Nitrophenol	µg/kg	BRL	2960	
N-Nitrosodimethylamine	µg/kg	BRL	374	
N-Nitrosodi-n-propylamine	µg/kg	BRL	374	1000
N-Nitrosodiphenylamine	µg/kg	BRL	739	130000
Pentachlorophenol	µg/kg	BRL	739	5100
Phenanthrene	µg/kg	BRL	374	1000000
Phenol	µg/kg	BRL	739	1000000
Pyrene	µg/kg	BRL	374	1000000
Pyridine	µg/kg	BRL	739	7000
1,2,4-Trichlorobenzene	µg/kg	BRL	739	680000
1-Methylnaphthalene	µg/kg	BRL	374	
2,4,5-Trichlorophenol	µg/kg	BRL	739	1000000
2,4,6-Trichlorophenol	µg/kg	BRL	374	56000
Pentachloronitrobenzene	µg/kg	BRL	739	2400
1,2,4,5-Tetrachlorobenzene	µg/kg	BRL	739	20000
SW846 Ch. 7.3				
Reactivity	mg/kg	Nonreactive		
Reactive Cyanide	mg/kg	BRL	24.7	

Reactive Sulfide	mg/kg	BRL	49.3

Comparison criteria values are provided as a convenience for client review.
The user should verify that these values are the most current, and that concentrations and units are accurate.
Please report any discrepancies to our Quality Assurance Department.
BRL means the result was less than the value given in the RDL column.

Spectrum Analytical, Inc. - Criteria Comparison - Generated 9/6/2012 12:36 PM
Client ID: (4) Mill Ridge Intermediate School, Danbury, CT
Matrix: Soil
Sampled: 6/6/2012

Method / Analyte	Units	Result	RDL	CT Soil - Res. DEC
CT ETPH				
Gasoline	mg/kg	BRL	14.6	
Fuel Oil #2	mg/kg	BRL	14.6	
Fuel Oil #4	mg/kg	BRL	14.6	
Fuel Oil #6	mg/kg	BRL	14.6	
Motor Oil	mg/kg	BRL	14.6	
Aviation Fuel	mg/kg	BRL	14.6	
Unidentified	mg/kg	BRL	14.6	
Other Oil	mg/kg	BRL	14.6	
Total Petroleum Hydrocarbons	mg/kg	BRL	14.6	500
C9-C36 Aliphatic Hydrocarbons	mg/kg	BRL	14.6	
SM2510B				
Specific Conductance (EC)	uS/cm	40.1	10	
SM2540 G Mod.				
% Solids	%	90.9		
SW846 6010C				
Silver	mg/kg	BRL	1.6	340
Arsenic	mg/kg	BRL	1.6	10
Barium	mg/kg	99.4	1.06	4700
Cadmium	mg/kg	BRL	0.532	34
Chromium	mg/kg	21.7	1.06	
Lead	mg/kg	4.21	1.6	500
Selenium	mg/kg	BRL	1.6	340
SW846 7471B				

Mercury	mg/kg	BRL	0.0324	20
SW846 8081B				
alpha-BHC	µg/kg	BRL	5.45	97
beta-BHC	µg/kg	BRL	5.45	340
delta-BHC	µg/kg	BRL	5.45	97
gamma-BHC (Lindane)	µg/kg	BRL	5.45	20000
Heptachlor	µg/kg	BRL	5.45	140
Aldrin	µg/kg	BRL	5.45	36
Heptachlor epoxide	µg/kg	BRL	5.45	67
Endosulfan I	µg/kg	BRL	5.45	410000
Dieldrin	µg/kg	BRL	5.45	38
4,4'-DDE (p,p')	µg/kg	BRL	5.45	1800
Endrin	µg/kg	BRL	8.72	20000
Endosulfan II	µg/kg	BRL	8.72	410000
4,4'-DDD (p,p')	µg/kg	BRL	8.72	2600
Endosulfan sulfate	µg/kg	BRL	8.72	410000
4,4'-DDT (p,p')	µg/kg	BRL	8.72	1800
Methoxychlor	µg/kg	BRL	8.72	340000
Endrin ketone	µg/kg	BRL	8.72	20000
Endrin aldehyde	µg/kg	BRL	8.72	20000
alpha-Chlordane	µg/kg	BRL	5.45	
gamma-Chlordane	µg/kg	BRL	5.45	
Toxaphene	µg/kg	BRL	109	560
Chlordane	µg/kg	BRL	21.8	490
Alachlor	µg/kg	BRL	5.45	7700
SW846 8260C				
1,1,2-Trichlorotrifluoroethane (Freon 113)	µg/kg	BRL	5.7	
Acetone	µg/kg	BRL	57.3	500000
Acrylonitrile	µg/kg	BRL	5.7	1100
Benzene	µg/kg	BRL	5.7	21000
Bromobenzene	µg/kg	BRL	5.7	
Bromochloromethane	µg/kg	BRL	5.7	
Bromodichloromethane	µg/kg	BRL	5.7	9900
Bromoform	µg/kg	BRL	5.7	78000
Bromomethane	µg/kg	BRL	11.5	95000

2-Butanone (MEK)	µg/kg	BRL	57.3	500000
n-Butylbenzene	µg/kg	BRL	5.7	500000
sec-Butylbenzene	µg/kg	BRL	5.7	500000
tert-Butylbenzene	µg/kg	BRL	5.7	500000
Carbon disulfide	µg/kg	BRL	11.5	500000
Carbon tetrachloride	µg/kg	BRL	5.7	4700
Chlorobenzene	µg/kg	BRL	5.7	500000
Chloroethane	µg/kg	BRL	11.5	210000
Chloroform	µg/kg	BRL	5.7	100000
Chloromethane	µg/kg	BRL	11.5	47000
2-Chlorotoluene	µg/kg	BRL	5.7	500000
4-Chlorotoluene	µg/kg	BRL	5.7	500000
1,2-Dibromo-3-chloropropane	µg/kg	BRL	11.5	440
Dibromochloromethane	µg/kg	BRL	5.7	7300
1,2-Dibromoethane (EDB)	µg/kg	BRL	5.7	7
Dibromomethane	µg/kg	BRL	5.7	
1,2-Dichlorobenzene	µg/kg	BRL	5.7	500000
1,3-Dichlorobenzene	µg/kg	BRL	5.7	500000
1,4-Dichlorobenzene	µg/kg	BRL	5.7	26000
Dichlorodifluoromethane (Freon12)	µg/kg	BRL	11.5	
1,1-Dichloroethane	µg/kg	BRL	5.7	500000
1,2-Dichloroethane	µg/kg	BRL	5.7	6700
1,1-Dichloroethene	µg/kg	BRL	5.7	1000
cis-1,2-Dichloroethene	µg/kg	BRL	5.7	500000
trans-1,2-Dichloroethene	µg/kg	BRL	5.7	500000
1,2-Dichloropropane	µg/kg	BRL	5.7	9000
1,3-Dichloropropane	µg/kg	BRL	5.7	
2,2-Dichloropropane	µg/kg	BRL	5.7	
1,1-Dichloropropene	µg/kg	BRL	5.7	
cis-1,3-Dichloropropene	µg/kg	BRL	5.7	
trans-1,3-Dichloropropene	µg/kg	BRL	5.7	
Ethylbenzene	µg/kg	BRL	5.7	500000
Hexachlorobutadiene	µg/kg	BRL	5.7	7900
2-Hexanone (MBK)	µg/kg	BRL	57.3	
Isopropylbenzene	µg/kg	BRL	5.7	500000
4-Isopropyltoluene	µg/kg	BRL	5.7	500000
Methyl tert-butyl ether	µg/kg	BRL	5.7	500000

4-Methyl-2-pentanone (MIBK)	µg/kg	BRL	57.3	500000
Methylene chloride	µg/kg	BRL	11.5	82000
Naphthalene	µg/kg	BRL	5.7	1000000
n-Propylbenzene	µg/kg	BRL	5.7	500000
Styrene	µg/kg	BRL	5.7	500000
1,1,1,2-Tetrachloroethane	µg/kg	BRL	5.7	24000
1,1,2,2-Tetrachloroethane	µg/kg	BRL	5.7	3100
Tetrachloroethene	µg/kg	BRL	5.7	12000
Toluene	µg/kg	BRL	5.7	500000
1,2,3-Trichlorobenzene	µg/kg	BRL	5.7	
1,2,4-Trichlorobenzene	µg/kg	BRL	5.7	680000
1,3,5-Trichlorobenzene	µg/kg	BRL	5.7	
1,1,1-Trichloroethane	µg/kg	BRL	5.7	500000
1,1,2-Trichloroethane	µg/kg	BRL	5.7	11000
Trichloroethene	µg/kg	BRL	5.7	56000
Trichlorofluoromethane (Freon 11)	µg/kg	BRL	5.7	500000
1,2,3-Trichloropropane	µg/kg	BRL	5.7	
1,2,4-Trimethylbenzene	µg/kg	BRL	5.7	500000
1,3,5-Trimethylbenzene	µg/kg	BRL	5.7	500000
Vinyl chloride	µg/kg	BRL	5.7	320
m,p-Xylene	µg/kg	BRL	11.5	500000
o-Xylene	µg/kg	BRL	5.7	500000
Tetrahydrofuran	µg/kg	BRL	11.5	81000
Ethyl ether	µg/kg	BRL	5.7	
Tert-amyl methyl ether	µg/kg	BRL	5.7	
Ethyl tert-butyl ether	µg/kg	BRL	5.7	
Di-isopropyl ether	µg/kg	BRL	5.7	
Tert-Butanol / butyl alcohol	µg/kg	BRL	57.3	
1,4-Dioxane	µg/kg	BRL	115	220000
trans-1,4-Dichloro-2-butene	µg/kg	BRL	28.7	
Ethanol	µg/kg	BRL	2290	
SW846 8270D				
Acenaphthene	µg/kg	BRL	367	1000000
Acenaphthylene	µg/kg	BRL	367	1000000
Aniline	µg/kg	BRL	726	107000
Anthracene	µg/kg	BRL	367	1000000

Azobenzene/Diphenyldiazine	µg/kg	BRL	726	
Benzidine	µg/kg	BRL	726	
Benzo (a) anthracene	µg/kg	BRL	367	1000
Benzo (a) pyrene	µg/kg	BRL	367	1000
Benzo (b) fluoranthene	µg/kg	BRL	367	1000
Benzo (g,h,i) perylene	µg/kg	BRL	367	1000000
Benzo (k) fluoranthene	µg/kg	BRL	367	8400
Benzoic acid	µg/kg	BRL	726	1000000
Benzyl alcohol	µg/kg	BRL	726	
Bis(2-chloroethoxy)methane	µg/kg	BRL	726	
Bis(2-chloroethyl)ether	µg/kg	BRL	367	1000
Bis(2-chloroisopropyl)ether	µg/kg	BRL	367	
Bis(2-ethylhexyl)phthalate	µg/kg	BRL	367	44000
4-Bromophenyl phenyl ether	µg/kg	BRL	726	500000
Butyl benzyl phthalate	µg/kg	BRL	726	1000000
Carbazole	µg/kg	BRL	367	31000
4-Chloro-3-methylphenol	µg/kg	BRL	726	
4-Chloroaniline	µg/kg	BRL	367	270000
2-Chloronaphthalene	µg/kg	BRL	726	1000000
2-Chlorophenol	µg/kg	BRL	367	340000
4-Chlorophenyl phenyl ether	µg/kg	BRL	726	500000
Chrysene	µg/kg	BRL	367	84000
Dibenzo (a,h) anthracene	µg/kg	BRL	367	1000
Dibenzofuran	µg/kg	BRL	367	270000
1,2-Dichlorobenzene	µg/kg	BRL	726	500000
1,3-Dichlorobenzene	µg/kg	BRL	726	500000
1,4-Dichlorobenzene	µg/kg	BRL	726	26000
3,3´-Dichlorobenzidine	µg/kg	BRL	726	1400
2,4-Dichlorophenol	µg/kg	BRL	367	200000
Diethyl phthalate	µg/kg	BRL	726	1000000
Dimethyl phthalate	µg/kg	BRL	726	1000000
2,4-Dimethylphenol	µg/kg	BRL	726	1000000
Di-n-butyl phthalate	µg/kg	BRL	726	1000000
4,6-Dinitro-2-methylphenol	µg/kg	BRL	726	
2,4-Dinitrophenol	µg/kg	BRL	726	140000
2,4-Dinitrotoluene	µg/kg	BRL	367	140000
2,6-Dinitrotoluene	µg/kg	BRL	367	68000

Di-n-octyl phthalate	µg/kg	BRL	726	1000000
Fluoranthene	µg/kg	BRL	367	1000000
Fluorene	µg/kg	BRL	367	1000000
Hexachlorobenzene	µg/kg	BRL	367	1000
Hexachlorobutadiene	µg/kg	BRL	367	7900
Hexachlorocyclopentadiene	µg/kg	BRL	367	470000
Hexachloroethane	µg/kg	BRL	367	44000
Indeno (1,2,3-cd) pyrene	µg/kg	BRL	367	1000
Isophorone	µg/kg	BRL	367	640000
2-Methylnaphthalene	µg/kg	BRL	367	474000
2-Methylphenol	µg/kg	BRL	726	1000000
3 & 4-Methylphenol	µg/kg	BRL	726	
Naphthalene	µg/kg	BRL	367	1000000
2-Nitroaniline	µg/kg	BRL	726	4100
3-Nitroaniline	µg/kg	BRL	726	200000
4-Nitroaniline	µg/kg	BRL	367	200000
Nitrobenzene	µg/kg	BRL	367	34000
2-Nitrophenol	µg/kg	BRL	367	540000
4-Nitrophenol	µg/kg	BRL	2900	
N-Nitrosodimethylamine	µg/kg	BRL	367	
N-Nitrosodi-n-propylamine	µg/kg	BRL	367	1000
N-Nitrosodiphenylamine	µg/kg	BRL	726	130000
Pentachlorophenol	µg/kg	BRL	726	5100
Phenanthrene	µg/kg	BRL	367	1000000
Phenol	µg/kg	BRL	726	1000000
Pyrene	µg/kg	BRL	367	1000000
Pyridine	µg/kg	BRL	726	7000
1,2,4-Trichlorobenzene	µg/kg	BRL	726	680000
1-Methylnaphthalene	µg/kg	BRL	367	
2,4,5-Trichlorophenol	µg/kg	BRL	726	1000000
2,4,6-Trichlorophenol	µg/kg	BRL	367	56000
Pentachloronitrobenzene	µg/kg	BRL	726	2400
1,2,4,5-Tetrachlorobenzene	µg/kg	BRL	726	20000
SW846 Ch. 7.3				
Reactivity	mg/kg	Nonreactive		
Reactive Cyanide	mg/kg	BRL	25	

Reactive Sulfide	mg/kg	BRL	50

Comparison criteria values are provided as a convenience for client review.
The user should verify that these values are the most current, and that concentrations and units are accurate.
Please report any discrepancies to our Quality Assurance Department.
BRL means the result was less than the value given in the RDL column.