

SEMIVOLATIVE ORGANIC COMPOUNDS

NYSDEC TAGM Regulatory Levels

Pier 25 and North-Adjacent Park

COMPOUND	NYSDEC TAGM CRITERIA (ppm)	Soil Sample 05/29/02 Pier 25 (ppm)	Soil Sample 05/29/02 North-Adjacent Park (ppm)	Soil Sample 06/04/02 N-Adjacent Park @ 6" (ppm)	Soil Sample 06/04/02 N-Adjacent Park @ 12" (ppm)
Acenaphthene	50	0.28	0.38	0.059	3
Acenaphthylene	41	0.11	0.38	0.38	0.37
Anthracene	50	0.7	0.38	0.13	0.37
Benzo (a) anthracene	0.224	2.3	0.13	0.41	0.1
Benzo (a) pyrene	0.061	2.3	0.15	0.38	0.11
Benzo (b) fluoranthene	1.1	2.7	0.26	0.5	0.16
Benzo (g,h,i) perylene	50	1.4	0.38	0.11	0.37
Benzo (k) fluoranthene	1.1	1.9	0.38	0.3	0.37
Bis (2 - ethylhexyl) Phthalate	50	0.2	0.31	0.89	0.37
Butylbenzylphthalate	50	0.36	0.38	0.38	0.37
4 - Chloroaniline	0.22	0.36	0.38	0.38	0.37
4 - Chloro - 3 - methylphenol	0.24	0.36	0.38	0.38	0.37
2 - Chlorophenol	0.8	0.36	0.38	0.38	0.37
Chrysene	0.4	2.3	0.16	0.4	0.11
Dibenzo (a, h) anthracene	0.014	0.15	0.38	0.38	0.37
Dibenzofuran	6.2	0.21	0.38	0.38	0.37
2, 4 - Dichlorophenol	0.4	0.36	0.38	0.38	0.37
Diethylphthalate	7.1	0.36	0.38	0.38	0.37
Dimethylphthalate	2	0.36	0.38	0.38	0.37
Di - n - butylphthalate	8.1	0.36	0.067	0.38	0.370
Di - n - octylphthalate	50	0.36	0.38	0.38	0.37
2, 4 - Dinitrophenol	0.2	0.91	0.38	0.94	0.94
2, 6 - Dinitrotoluene	1	0.36	0.38	0.38	0.37
Fluoranthene	50	3.3	0.18	0.78	0.15
Fluorene	50	0.27	0.38	0.041	0.37
Hexachlorobenzene	0.41	0.36	0.38	0.38	0.37
Indeno (1,2,3 - cd) pyrene	3.2	1.1	0.38	0.14	0.37
Isophorone	4.4	0.36	0.38	0.38	0.37
2 - Methylnaphthalene	36.4	0.13	0.38	0.38	0.37
3 - Methylphenol	0.1	0.36	0.38	0.38	0.37
4 - Methylphenol	0.9	0.36	0.38	0.38	0.37
Naphthalene	13	0.23	0.38	0.38	0.37
2 - Nitroaniline	0.43	0.91	0.95	0.94	0.94
3 - Nitroaniline	0.5	0.91	0.95	0.94	0.94
Nitrobenzene	0.2	0.36	0.38	0.38	0.37
3 - Nitrophenol	0.33	0.36	0.38	0.38	0.37

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COMPOUND	NYSDEC TAGM CRITERIA (ppm)	Soil Sample 05/29/02 Pier 25 (ppm)	Soil Sample 05/29/02 North-Adjacent Park (ppm)	Soil Sample 06/04/02 N-Adjacent Park @ 5' (ppm)	Soil Sample 06/04/02 N-Adjacent Park @ 12' (ppm)
Pentachlorophenol	1	0.91	0.95	0.94	0.94
Phenanthrene	50	3.6	0.12	0.58	0.072
Phenol	0.03	0.36	0.38	0.38	0.37
Pyrene	50	8.2	0.44	0.91	0.20
2, 4, 5 - Trichlorophenol	0.1	0.91	0.95	0.94	0.94

Bold # and shaded box - Soil sample results exceed NYSDEC TAGM or TCLP regulatory levels.

NYSDEC TAGM - New York State Department of Environmental Conservation Technical & Administrative Guidance Memorandum

ppm - part per million

mg/kg - milligram per kilogram

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