

Contaminants in Liquid Waste in the Concrete Pit

Contaminant:	Concentration Detected ¹ (µg/L):	MSC ² (µg/L):
1,1,1-Trichloroethane	762	200
1,1-Dichloroethane	24,000	31
1,1-Dichloroethene	32.9	7
1,2,4-Trimethylbenzene	17.4	15
1,2-Dichloroethane	7.9	5
2-Methylnaphthalene	7700	170
2-Methylphenol	7	2100
4-Chloroaniline	740	3.7
4-Methylphenol	27	210
Acenaphthene	2700	2500
Acetone	32.8	38000
Barium	1400	2000
Benzene	6.8	5
Benzo(a)anthracene	50	0.32
Chloroethane	2940	250
Chromium	652	100
Chrysene	120	1.9
cis-1,2-dichloroethene	8.3	70
Dibenzofuran	1100	42
Endrin	980	2
Ethylbenzene	9.7	700
Fluorene	5500	1700
Gamma BHC - Lindane	0.16	0.2
Heptachlor	0.092	0.4
Heptachlor Epoxide	0.058	0.2
Lead	5000	5
Methoxychlor	630	40
Napthalene	190	100
Phenanthrene	8200	1100
Pyrene	1400	130
Toulene	54.7	1000
Trichloroethene	12.7	5
Vinyl Chloride	31	2
Xylenes (Total)	45.1	10000

¹ Complete analytical results of the Liquid Waste in the Concrete Pit are included in the Administrative Record for the Prompt Interim Response which is available for public review at the DEP Southeast Region Office and the New Hanover Township Building.

² Medium-Specific Concentration for Regulated Substances in Groundwater (Residential, Used Aquifers), established by the Land Recycling and Environmental Remediation Standards Act.

Contaminants in Sludge in the Concrete Pit

Comtaminant:	Concentration Detected ³ (mg/kg):	MSC ⁴ (mg/kg):
Aresenic	0.0132	1
1,1,1-Trichloroethane	1.6	7.2
1,1-Dichloroethane	85	0.75
1,1-Dichloroethene	0.6	0.19
1,2-Dichlorobenzene	22	59
1,2-Dichloropropane	0.37	0.11
1,4-Dichlorobenzene	4.9	7.5
2,4-Dichlorophenol	19	1
2-Methylnaphthalene	660	17
4-Methlyphenol	7.2	4.9
Antharcene	14	6.6
Barium	0.843	200
Benzene	0.43	0.13
Benzo(a)anthracene	1.9	0.032
Benzo(a)pyrene	1.1	0.032
Benzo(b)fluoranthene	2	0.019
Benzo(g,h,i)perylene	1.4	0.026
Benzo(k)fluoranthene	0.7	0.019
bis(2-Ethylhexyl)phthalate	86	0.6
Butylbenzlphtalate	48	38
Cadmium	0.0021	0.5
Chlorobenzene	0.28	6.1
Chloroethane	36	5.4
Chromium	0.151	10
Chrysene	4	0.19
cis-1,2-dichloroethene	0.15	1.6
Dibenzofuran	29	4.2
Di-n-butylphthalate	55	420
Di-n-octlyphthalate	7.2	42
Ethylbenzene	16	46
Fluorene	62	170
Fluroranthene	7.2	26
Gamma BHC - Lindane	0.000059	0.02
Heptachlor	0.000049	0.04
Indeno(,2,3-cd)pyrene	0.88	0.019
Lead	0.151	0.5
Methylene Chloride	0.38	0.076
Napthalene	230	10
N-Nitrosodiphenylamine	99	15
Phenanthrene	96	110
Pyrene	15	13
Tetrachloroethene	0.43	0.43

Toulene	26	44
Trichloroethene	0.72	0.17
Vinyl Chloride	0.33	0.027
Xylenes (Total)	60	990

³ Complete analytical results of the Sludge in the Concrete Pit are included in the Administrative Record for the Prompt Interim Response which is available for public review at the DEP Southeast Region Office and the New Hanover Township Building.

⁴ Medium-Specific Concentration for Regulated Substances in Soil (Soil to Groundwater Number Values for Residential, Used Aquifers), established by the Land Recycling and Environmental Remediation Standards Act.