

Table 1. Site Investigation /Interim Remedial Measure Soil Quality Evaluation, 425 Merrick Avenue, Westbury, New York.

Constituent	Range of Concentrations (in mg/kg)	Site Investigation Samples Above Cleanup Objectives (1)	Maximum Post IRM Confirmatory Sample Concentrations (in mg/kg)	Soil Cleanup Objectives (in mg/kg)
PCBs-Surface Soil	ND to 290	B-12, B-21, A, B, C, D, E, F	0.74	1 (surface)
PCBs-Subsurface Soil	ND to 2,670	B-24, B-32, GP-1/GP-2, TP-VII	8.7	10 (subsurface)
Benzo(a)anthracene	ND to 1.2	B-12, B-13, B-16	0.067	0.224
Chrysene	ND to 1.4	B-12, B-13, B-16	0.072	0.4
Benzo(b)fluoranthene	ND to 1.3	B-12, B-13, B-16, B-24, B-28	0.067	0.224
Benzo(k)fluoranthene	ND to 1.1	B-12, B-13, B-16, B-24, B-28	0.056	0.224
Benzo(a)pyrene	ND to 1.1	B-12, B-13, B-16, B-17, B-23, B-24, B-27, B-28, TP-VII BTM	0.067	0.061
Dibenzo(a,h)anthracene	ND to 0.05	B-13	ND	0.014
Pentachlorophenol	ND to 1.1	TP-VII S	ND	1
Phenanthrene	ND to 97	B-32	ND	50
Arsenic	ND to 14.6	TP-VII S	1.5	7.5 or SB
Chromium	ND to 199	B-23, TP-VII S	4.6	50
Copper	ND to 78.8	B-17, TP-VII S	8.7	25 or SB
Mercury	ND to 102	B-17, B-23, B-32, TP-VII S, A, B, C, D, E, F, MR-4	0.2*	0.1
Nickel	ND to 34.6	TP-VII S	3.3	13 or SB

mg/kg Milligrams per kilogram.

(1) NYSDEC Technical and Administrative Guidance Memorandum:
Determination of Soil Cleanup Objective and Cleanup Levels (April 1995).

SB Site background.

J Estimated value.

Samples A, B, C are grab samples collectively identified as the North Pit (NP) IRM.

Samples D, E, F are grab samples from collectively identified as the IRM west of Building 2 (BLD 2).

* Mercury concentrations in 5 of the 24 post-IRM end-point samples are slightly above the RSCO of 0.1 mg/kg (TAGM 4046).

Sample ID	Location	Hg Concentration (mg/kg)
B-17 SOUTH	South Wall	0.12 J
BLD2-C	North Wall	0.13
W. Wall #1 (BLD 2)	West Wall	0.11
NP-C	West Wall	0.13
NP- E. Wall	East Wall	0.2

Table 2. Site Investigation/Interim Remedial Measure Groundwater Quality Evaluation, 425 Merrick Avenue, Westbury, New York.

Constituent	Range of Concentrations (in ug/L)	Location of Detectable Concentrations	NYSDEC Ambient Water Quality Standards & Guidance Values (in ug/L)
<u>Volatile Organic Compounds</u>			
1,1-Dichloroethene	ND to 2	MW-3	5
4-Methyl-2-pentanone	ND to 4	N10115T	--
Toluene	ND to 2	N10115T	5
<u>Semi-Volatile Organic Compounds</u>			
Phenol	ND to 2	N10115T	1
bis(2-Ethylhexyl)phthalate	ND to 51	N10115T	5 *
<u>Metals</u>			
Arsenic	ND to 3.4 B	MW-1	25
Barium	40.3 B to 97.7 B	MW-1, MW-2, MW-3, & N10115T	1,000
Cadmium	1.0 to 1.1 B	MW-1, MW-2, & MW-3	5
Chromium	1.0 B to 8.2 B	MW-2 & MW-3	50
Cobalt	ND to 2.5 B	MW-2 & N10115T	--
Iron	231 to 49,800	MW-1, MW-2, MW-3, & N10115T	300
Lead	ND to 13.3	MW-1, MW-3, & N10115T	25
Magnesium	2,400 B to 11,000	MW-1, MW-2, MW-3, & N10115T	35,000
Manganese	14.9 B to 470	MW-1, MW-2, MW-3, & N10115T	300
Nickel	5.1 B to 9.5 B	MW-1, MW-2, MW-3, & N10115T	100
Selenium	2.1 B to 3.4 B	MW-1, MW-2, MW-3, & N10115T	10
Vanadium	ND to 11.4 B	MW-1, MW-2, & MW-3	--
Zinc	23.8 to 95.9	MW-1, MW-2, MW-3, & N10115T	300

ug/L Micrograms per liter

-- Not applicable.

ND Not detected

Revised from 50 ug/L as of 8/4/99.