

TABLE III
SUMMARY OF ANALYTICAL RESULTS FOR SOIL
PLAYGROUND
MILL ROCK PARK
HAMDEN, CONNECTICUT

PARAMETER	Residential Direct Exposure Criteria	GA/GAA Pollutant Mobility Criteria	Sample ID:	MRP-PS-1	MRP-PS-2	MRP-PS-3	MRP-PS-4
			Sample Date:	11/3/2004	11/3/2004	11/3/2004	11/3/2004
			Sample Depth (in. bgs):	1-3	1-3	1-3	1-3
			Soil Type:	SAND	SAND	SAND	SAND
Total Metals (mg/kg):							
Arsenic	10	--		ND	ND	ND	ND
Barium	4,700	--		26	23	21	20
Cadmium	34	--		ND	ND	ND	ND
Chromium	100*	--		6.7	6.4	7.1	6.1
Lead	400	--		2.5	ND	7.6	3
Mercury	20	--		ND	ND	ND	ND
Selenium	340	--		ND	ND	ND	ND
Silver	340	--		ND	ND	ND	ND
Zinc	20,000	--		17	12	16	13

Notes:

1. RSR criteria means Remedial Standard Regulation criteria established by the Connecticut Department of Environmental Protection (CTDEP)
2. ND means the compound was not detected above the normal minimum laboratory detection limit.
3. '--' indicates not analyzed for or not applicable
4. mg/kg means milligrams per kilogram
5. RSR DEC for lead (400 mg/kg) is based on a proposed revision to the current 500 mg/kg DEC for lead.
6. * RSR DEC for hexavalent chromium is 100. Criteria for total chromium has not been established.
7. /SAND: The above 'Soil Type' was described by Haley & Aldrich, Inc. as sand.
8. Samples were collected in the playground area of Mill Rock Park where children were likely to come into contact with the shallow soil.