

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.