271L-3

37008 MAY 17 1990

Nick:

Enclosed is a data summary regarding contamination at the Asbestos Dump Satellite Sites from the 1987 Remedial Investigation Report. This report's sections regarding the Satellite Sites has not been approved by EPA. Therefore, this data has not been completely reviewed; it is the only information currently available.

I have also enclosed site maps and data tables that will be very helpful to you.

Note that there was a subsurface drum investigation at the Great Swamp Site. A Pollard Model TW-5 metal detector was used and test pits were excavated. Drums were located and sampled. I believe that the drums were removed from the site.

Contamination at the sites is described in the 1987 RI report as follows:

Great Swamp Site

The asbestos waste deposit litters the surface and extends to a depth of approximately 12 feet below ground surface. It is predominantly siding and tiles.

New Vernon Road Site

There is a small asbestos waste landfill in front of the private residence (center of property). There is asbestos waste in the dirt path in the middle of the property and near the shed next to the residence. The asbestos waste is comprised of broken tiles, siding, and fiber.

White Bridge Road Site

Broken asbestos tiles, siding, and fibers exist along the surface of the dirt path, the main driveway, and the subsurface of the main landfill area (the area of the riding ring extending southward and including a small part of the grazing field).

Sharon

ABD 002 0209

SOIL

Great Swamp - A (ug/kg except where indicated)

Beryllium	(43 - 87.9 mg/kg)
Cadmium	(14.1 - 70.5 mg/kg)
Mercury	(15.9 -152 mg/kg)
Silver	(32.3 - 71.9 mg/kg)
Trichlorofluoromethane	(3 - 3000)
Benzene	(2 - 18)
Chlorobenzene	(1 - 8)
1,1,1-trichloroethane	(3 - 4)
Trichloroethene	(5 - 6)
1,1-dichloroethene	(4)
Carbon tetrachloride	(4)
Trans-1,3-dichloropropane	(4)
Dibromochloromethane	(5)
Tetrachloroethene	(17)
Di-n-butyl phthalate	(20 - 480)
Fluoranthene	(12 - 150)
Pyrene	(10 - 110)
Dieldrin	(658)
4,4-DDT	(44)
Endosulfan sulfate	(253)
4,4-DDD	(1.6 - 3.3)
Phenols	(1.07 - 9.07 mg/kg)
Cyanide	(.14 - .30 mg/kg)

Great Swamp - B

Cadmium	(7.31 -38.3 mg/kg)
Mercury	(7.58 - 41.9 mg/kg)
Benzene	(1)
Toluene	(1)
Beta-BHC	(70.9)
Endosulfan sulfate	(7.2)
Phenols	(.69 - 5.14 mg/kg)

New Vernon Road Site

Low levels of naphthalene, phenanthrene, and diethyl phthalate.

White Bridge Road Site

Antimony	(19 - 84 mg/kg)
Cadmium	(2.3 mg/kg)
Mercury	(4.2 mg/kg)
Trichlorofluoromethane	(3)
Di-n-butyl phthalate	(16 - 2700)
Bis-2-ethylhexyl phthalate	(31)
Napthalene	(3)
Phenols	(.54 - 1.02 mg/kg)
Cyanide	(.37 - .39 mg/kg)

AMBIENT AIR SAMPLING

During subsurface investigations, ambient air samples were analyzed for asbestos fiber concentrations. The purpose was to determine if significant amounts of asbestos fibers would be released during excavation activities. The samples were taken by drawing ambient air through a triacetate filter using a Sensidyne BDX 44 sampling pump.

Samples taken at the Millington Site were below the detection limit (0.01 fibers/cc). Samples from the Satellite Sites were below the detection limit or below the 1987 TLVs for asbestos.

Note that the sampling at the Millington Site took place after 2 - 3 days of rain.