

NPL Site Narrative for Lone Pine Landfill

LONE PINE LANDFILL

Freehold Township, New Jersey

Conditions at listing (October 1981): Lone Pine Landfill in Freehold Township, Monmouth county, New Jersey, operated from 1959 to 1979, when it was closed by the State. Leachate from the 80-acre site flows into the Manasquan River. Allegedly, 50,000 drums of chemical wastes, as well as free-flowing liquid wastes, were dumped at the site. Excavation of limited areas of the landfill in September 1981 confirmed the presence of drums. A number contain organic chemicals. Benzene, toluene, vinyl chloride, lead, and zinc have been detected in leachate on the site. Downstream, the river has lower levels of the same chemicals. Monitoring wells have found a variety of organic compounds in both the Vincentown Aquifer and the deeper Red Bank Aquifer.

Status (July 1983): In July 1982, EPA signed a \$330,000 Superfund State Contract with New Jersey for a feasibility study to identify alternatives for remedial action at the site. A draft was released in June 1983.

The former general manager of the landfill and a transporter pleaded guilty to charges stemming from the illegal disposal of drummed waste in the landfill. In addition, three corporate officers of Scientific Chemical Processing were convicted in Federal District Court of mail fraud charges also related to the illegal disposal activity.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.