

NPL Site Narrative for Chem-Dyne

CHEM-DYNE Hamilton, Ohio

Conditions at listing (October 1981): Chem-Dyne Corp. began operating a chemical waste transfer, disposal, and storage facility on a 10-acre site in Hamilton, Ohio, in 1975. The facility handled a variety of wastes, including pesticides, PCBs, polybrominated biphenyls, TRIS, lab packs, acids, resins, solvents, heavy metals, and cyanides. Fires, explosions, and fish kills have occurred from the facility's operations. Contamination of air, soil, surface water, and ground water has been documented.

In July 1979, a stipulation and judgment entry was filed in State court requiring, among other things, that all material be removed from the site by July 1980. In February 1980, the State court appointed a receiver to direct, manage, and control the assets and business activities of Chem-Dyne and to carry out the stipulation.

In May 1980, EPA used \$22,000 made available under Section 311 of the Clean Water Act to stabilize, remove, and dispose of 17 potentially explosive drums. The State has spent \$300,000 on site cleanup.

This is the top priority site in Ohio.

Status (July 1983): In November 1981, the receiver informed the court that he lacked the funds to eliminate the inventory, as required by the stipulation. In 1982, EPA approved \$3.8 million for site cleanup, part of it for a Superfund State Contract with Ohio to remove surface wastes, including 9,000 drums and 200,000 gallons of liquid and solid waste in 33 storage tanks. On August 26, 1982, EPA reached a settlement with 112 companies who had generated wastes on the site. They are contributing \$2.4 million to the surface cleanup, which is being managed by the U.S. Army Corps of Engineers, and a study of ground water, scheduled to be completed in the fourth quarter of 1983. On the same day, the Department of Justice, on behalf of EPA, brought a Federal civil action seeking injunctive relief against the owners and operators of Chem-Dyne, as well as the major waste generators who declined to participate in the cleanup.

The surface cleanup is scheduled to be completed in the fourth quarter of 1983. A remedial investigation and feasibility study are underway to determine alternatives for cleanup of contaminated soil and ground water. The work is scheduled to be completed in the second quarter of 1984.

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.