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DIAMOND ALKALI CO. **Newark, New Jersey**

Federal Register Notice: [September 21, 1984](#)

Conditions at listing (September 1983): The Diamond Alkali Co. Site occupies about 1 acre immediately adjacent to the Passaic River, in Newark, Essex County, New Jersey. From 1943 through 1968, the company manufactured numerous chemicals on the site, including 2,4,5-trichlorophenol, which is likely to contain dioxin as an impurity. Extensive sampling conducted by EPA and the State has detected extremely high concentrations of dioxin on and off the site. EPA and the State have covered the area of major contamination with plastic tarpaulins. Adjacent transportation routes and residential areas were swept and vacuumed. Workers may have been exposed to dioxin during normal operations, as well as during renovations conducted during the summer of 1982. Another company has since purchased the land.

The area is both densely populated and heavily industrialized. Municipal water is drawn from the Wanaque Reservoir, roughly 35 miles from the site.

Status (June 1984): On March 13, 1984, the State and Diamond entered into an Administrative Order on Consent for a remedial investigation/feasibility study and for on-site cleanup.

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 <http://www.atsdr.cdc.gov/toxfaq.html> or by telephone at 1-888-42-ATSDR or 1-888-422-8737.