

**LCP Chemicals, Inc.**  
**New Jersey**  
EPA ID#: NJD079303020

**EPA REGION 2**  
**Congressional District(s): 13**  
Union

NPL LISTING HISTORY  
Proposed Date: 9/25/1997  
Final Date: 7/27/1998

## Site Description

The LCP Chemicals, Inc. (LCP) site is located in an industrial area on the Tremley Point peninsula adjacent to the Arthur Kill, in Linden, Union County, New Jersey. The site is bordered by South Branch Creek to the east, ISP Environmental Services (formerly GAF Corporation) to the north, and Northville Industries, BP Corporation, and Mobil to the northeast, south, and west, respectively. South Branch Creek, a tributary of the Arthur Kill, flows through a portion of the site via engineered conveyance structures on the north side of the property. The land, originally a coastal marshland, was filled in and developed for industrial use. LCP Chemicals, Inc., a division of the Hanlin Group, Inc., purchased the 26-acre chlorine production facility in 1972 from GAF Corporation, who owned and operated the facility since 1942. LCP operated the facility from 1972 through 1985, when it ceased operations. Sludges containing mercury from the chlorine production were discharged to lagoons. In 1972, 1974, and 1979, the State of New Jersey documented releases from the brine sludge lagoon discharging to South Branch Creek. Over the years, portions of the site and buildings were leased to other companies, including Union Carbide, Microcell Technologies, and Kuehne Chemical Company. In July 1991, Hanlin Group, Inc. filed for bankruptcy.

Site Responsibility: This site is being addressed through Potentially Responsible Party (PRP) actions.

## Threat and Contaminants

Preliminary sampling of soil, surface water, and sediment and groundwater revealed elevated levels of mercury, and other metals. Site contaminants potentially impact the Arthur Kill, which is used for recreational boating and fishing. The peregrine falcon, northern harrier, great blue heron, and little blue heron, all state-listed endangered species, are reported to either breed or hunt in the salt marshes near the Site. Prall's Island, located approximately 1,000 feet east of the mouth of the South Branch Creek, is a breeding area and rookery for some of these birds.

Eating contaminated fish, shellfish, crabs, and other marine organisms and accidental ingestion of site soils and sediments may be potential health threats

## Cleanup Approach

The site is being addressed in one stage—a long-term remedial phase focusing on the cleanup of the entire site.

### Response Action Status

Entire Site: A remedial investigation and feasibility study (RI/FS), to determine the nature and extent of the contamination at and emanating from the site and to identify and evaluate remedial alternatives, is presently underway. It is anticipated that the RI/FS will be completed 2008.

Site Facts: In July 1998, the site was placed on EPA's Superfund National Priorities List. In May 1999, EPA issued an Administrative Order on Consent to one PRP, ISP Environmental Services, Inc., to conduct the RI/FS.

## Cleanup Progress

Phase I of the RI/FS was conducted from October 2001 - April 2002. The results of the Phase I sampling effort indicated that there were some data gaps and that additional field work was necessary in order to fully characterize the nature and extent of the site contamination. The PRP submitted the work plan for the scope of activities to be conducted as part of the Phase II RI/FS. EPA is approved the The Phase II RI Work Plan in autumn 2006, and the Phase II field work began

soon afterwards. EPA expects the RI/FS process to be completed by 2008, after which time a remedy will be selected for the site.

## **Site Repositories**

Linden Public Library, 31 East Henry Street, Linden, NJ 07036

EPA Region II Superfund Records Center, 290 Broadway, 18th Floor, New York, NY 10007-1866