

# **Chemical Insecticide Corporation**

## **125 Whitman Avenue Edison Township Middlesex County**

**BLOCK: 199A LOT: 31-B-1**

**Community Relations Coordinator: Mark Herzberg (609) 633-1369**

### **SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:**

Chemical Insecticide Corporation (CIC) processed pesticides at this site between the mid-1950s and 1970, when the owner declared bankruptcy. The buildings were razed in 1975 and the property is currently vacant. An unnamed stream that is a tributary of Mill Brook is adjacent to the site. Both the unnamed stream and Mill Brook flow through nearby residential areas. USEPA began an initial Remedial Investigation and Feasibility Study (RI/FS) at the site in 1987, after previous sampling indicated that the soil was contaminated with dioxin. The results of the initial RI/FS confirmed that both the soil and ground water were contaminated with various pesticides and herbicides. The RI/FS also revealed that during periods of precipitation, surface water runoff contaminated with arsenic and the herbicide Dinoseb discharged into the adjacent stream. USEPA added CIC to the National Priorities List of Superfund sites (NPL) in 1990. USEPA is addressing the investigation and cleanup of the site in four phases or Operable Units (OU): an interim remedial action to control runoff of contaminated surface water (OU1); off-site contaminated soils and sediments (OU2); contaminated soil on the CIC property and neighboring industrial areas (OU3); and ground water (OU4). In 1989, USEPA issued a Record of Decision (ROD) with NJDEP concurrence for OU1 that required installation of a cap over the site to prevent runoff of contaminated surface water. The remedial work for OU1 was completed in 1994 and included grading the soil, installing an impermeable cap over the 6-acre site with a system to control surface water runoff, and fencing the entire site perimeter. In 1995, USEPA issued a second ROD with NJDEP concurrence for OU2 that required removal of the off-site contaminated soil and sediments and restoration of the excavated areas. Approximately 13,300 cubic yards of arsenic-contaminated soil and sediments in and around Mill Brook were excavated and disposed of off-site and the stream beds and banks restored when OU2 remedial activities were completed in 1997.

In 2000, after completing a RI/FS for OU3, USEPA issued a ROD with NJDEP concurrence that requires excavation and off-site disposal of the on-site contaminated soils. The Remedial Design for OU3 is complete and cleanup activities are scheduled to start in 2003, pending availability of federal funding. USEPA completed the RI/FS for OU4 in 2002 and expects to issue a Proposed Plan recommending actions to address the ground water in 2003. USEPA will outline the final remedial actions for the ground water in a third ROD for the site.