

NPL Site Narrative for Action Anodizing, Plating, & Polishing Corp.

ACTION ANODIZING, PLATING, & POLISHING CORP. **Copiapue, New York**

Conditions at proposal (June 24, 1988): Action Anodizing, Plating, & Polishing Corp. (AAPP) has operated on a 1-acre site at 33 Dixon Avenue in Copiapue, New York, since 1986. The site is in southwestern Suffolk County approximately 1.1 miles east of the Nassau/Suffolk County line. Amityville Creek, a small tributary to Great South Bay, is 0.5 mile southeast of the site. The upper reach of the creek is designated as a fresh water wetland.

AAPP's anodizing process includes cleaning, sealing, and, at times, dyeing aluminum parts. In addition, operations include cadmium plating. Prior to 1982, waste water containing high concentrations of heavy metals, including cadmium, chromium, and lead, was discharged to underground leaching pools. In response to actions by the Suffolk County Department of Health Services (SCDHS), AAPP cleaned up and closed the leaching pool system. This work was supervised and approved by SCDHS.

Soils on the site are permeable and ground water is shallow (approximately 10 feet). These conditions facilitate movement of contaminants into ground water, which is the sole source of drinking water in the area. At least one public well field is within 1 mile of the site. An estimated 1 million residents of Suffolk and Nassau Counties obtain drinking water from public wells within 3 miles of the site.

Status (March 31, 1989): EPA is considering various alternatives for the site.

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.