

# NPL Site Narrative for BMI-Textron

## BMI-TEXTRON Lake Park, Florida

**Conditions at proposal (June 1988):** The BMI-Textron Site covers 3 acres at 1121 Silver Beach Road, Lake Park, Palm Beach County, Florida. The facility began operation in October 1969 under the name Basic Microelectronics, Inc. In 1981, the site was sold to Textron, Inc., and began operation under the name BMI-Textron. Operations stopped in January 1986.

The facility manufactured chrome-backed glass plates used in producing electronic components. The process involved cutting, washing, and polishing glass plates before chrome was deposited. Cyanide was used in the glass-etching process. Liquid waste from the process was discharged to percolation ponds and drain fields under a 4-year industrial waste water treatment permit issued on November 17, 1980, by the Florida Department of Environmental Regulation (DER). Four wells were installed at the facility to monitor permit compliance. On November 10, 1983, BMI-Textron received a Notice of Violation from the Florida Department of Health and Rehabilitative Services for excessive levels of nitrates and total dissolved solids, as well as pH below the allowable limits.

In August 1984, BMI submitted data to DER showing cyanide contamination of soil and ground water at the site. On December 20, 1984, BMI-Textron and DER entered into a Consent Agreement requiring the company to remove contaminated soils at the site and to submit a detailed monitoring program for determining the nature and extent of ground water contamination at the site. BMI-Textron removed approximately 680 cubic yards of cyanide-contaminated soil and transported it to a hazardous waste facility regulated under Subtitle C of the Resource Conservation and Recovery Act.

In January 1986, DER found cyanide and fluoride in three on-site monitoring wells and in soil near percolation pond #2. On November 18, 1986, BMI-Textron agreed to comply with another DER Consent Order to develop a plan to clean up contaminated ground water. BMI-Textron submitted an "Investigative and Cleanup Proposal" on January 6, 1987, in response to the November Consent Order.

Two municipal water systems drawing from wells within 3 miles of the site serve an estimated 108,000 people in Lake Park, Riviera Beach, North Palm Beach, and Palm Beach Gardens.

**Status (August 30, 1990):** BMI-Textron submitted an "Interim Remedial Action Plan, Soil Removal Plan" in February 1990. In accordance with the DER Consent Order of November 1986, the company is removing contaminated soils from percolation pond #2. In February 1990, BMI-Textron also prepared an "Evaluation of the Risks to Human Health."

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.