

# **Florence Land Recontouring Incorporated Landfill Cedar Lane Extension Florence, Mansfield & Springfield Townships**

## **Burlington County**

**BLOCK:** Florence 173 **LOT:** 1, 2, 3.02 & 3.03

**BLOCK:** Mansfield 44 **LOT:** 7

**BLOCK:** 44A **LOT:** 8

**BLOCK:** Springfield 304 **LOT:** 1,4

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

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

Florence Land Recontouring (FLR) Landfill operated as a municipal disposal facility from 1973 to 1981. The landfill was permitted to accept sanitary wastes, including sewage sludge and non-chemical industrial wastes; however, an investigation by NJDEP in 1975 found that hazardous wastes had been illegally disposed of at the site. The New Jersey Superior Court ordered the site closed in 1979 due to concerns that it was contaminating the ground water. The operator installed a clay cap over the landfill and leachate collection system in 1982. After the landfill was closed, leachate seeps were observed at the banks of a nearby creek and landfill gases were found to be emanating from on-site manholes and monitoring wells. USEPA added FLR Landfill to the National Priorities List of Superfund sites (NPL) in 1984. Between 1985 and 1986, NJDEP conducted a Remedial Investigation and Feasibility Study (RI/FS) to determine the nature and extent of the contamination at the site and evaluate cleanup alternatives. The RI/FS revealed that contamination from the landfill had migrated into the underlying shallow aquifer but the deeper Magothy-Raritan Aquifer was not affected. The RI/FS also revealed that the shallow ground water contamination had not migrated laterally beyond the boundaries of the site. In 1986, USEPA signed a Record of Decision (ROD) with NJDEP concurrence that required installation of a multilayer landfill cap, a circumferential slurry wall, storm water controls, leachate and landfill gas collection systems and perimeter fencing. NJDEP completed construction of the remedial actions in 1994. Operation and maintenance (O&M) of the cap and engineering control systems are currently being implemented by Burlington County under the oversight of NJDEP.