Hope Auto Care

Route 611 Hope Township Warren County

BLOCK: 100 **LOT:** 2600

Community Relations Coordinator: Heather Swartz (609) 984-7135

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Hope Auto Care site is located in a rural area where residents rely on private wells for potable water supplies. Formerly a gasoline service station, the site currently operates as an automotive repair facility. While the facility was a service station, several underground tanks were used for the storage of gasoline, kerosene and waste oil. In 1989, the property owner excavated two leaking underground storage tanks that had contaminated the soil and ground water. Approximately 90 tons of petroleum hydrocarbon-contaminated soil were removed along with the tanks but some contaminated soil was left in place. Gasoline related volatile organic compounds were detected in two nearby private potable wells and the Hope Auto Care facility was identified as a Potentially Responsible Party for the contamination.

In 1990, NJDEP's Remedial Response Element installed Point-of-Entry Treatment (POET) systems on the contaminated private potable wells, began a long-term potable well sampling program to protect other residents with private wells in the area, and installed a remediation system to extract and treat the contaminated ground water at the site. NJDEP subsequently installed a soil vapor recovery extraction (SVE) system at the site to address the residually-contaminated subsurface soil, excavated the two remaining underground storage tanks and 150 additional tons of petroleum hydrocarbon-contaminated soil. NJDEP shut down the ground water remediation system in 1996 after sampling of on-site monitor wells showed that the contaminant levels in the ground water were below New Jersey Drinking Water Standards. However, subsequent sampling indicated that the contaminant levels had increased to slightly above ground water quality criteria. NJDEP restarted the ground water treatment system in 1999 and will continue to operate the system until ground water quality criteria are achieved.