

Project Name

Site Evaluation for Development to be Included on National Priorities List

Client

Borough of Manville

Services Provided

- # Evaluate Potential Impacts of Former Creosote Site on Residential Development
- # Soil Sampling
- # Evaluation of Historical Data



Project Description

The Borough of Manville sought assistance from SAI concerning a potential contamination problem in the Claremont Development after it was discovered that soil outside one of the homes was of an abnormal texture and color. An investigation by the local health department revealed concentrations of creosote in the soil.

Approach

SAI obtained aerial photographs which revealed that a creosote manufacturing facility existed at the site prior to 1950. Because the Borough lacked the resources for an in-depth investigation, and because of the potentially serious nature of the chemical involved, SAI did not undertake a full-scale investigation. Instead, SAI performed strategic sampling and secured government involvement on the basis of these data and on historical information concerning past uses of the site.

Sampling data indicated high concentrations of creosote in the soils. SAI immediately arranged a series of meetings with the New Jersey Department of Environmental Protection. Within days the U.S. Environmental Protection Agency's Emergency Response Team was involved with the project.

Once the U.S.E.P.A. was on-board full-scale air and soil sampling could take place. At present the U.S.E.P.A. is delineating the contamination at the site and the site is expected to be placed on the National Priorities List (superfund) within the near future thereby securing the necessary resources for full-scale remediation efforts.