

Project Name

Site Remediation including Soil Removal and Groundwater Treatment under ECRA

Client

Furon, Inc.

Services Provided

- # Remedial investigation / Feasibility Study
- # Assistance in Permitting
- # Preparation of Monthly Status Reports to NJDEP
- # Preparation of Soil Sampling Plan
- # Performance of Hydrogeologic Study to Aid in Design of a Groundwater Treatment System
- # Performance of Construction Observation during the Installation of Shallow Aquifer Monitoring Wells
- # Design of Groundwater Treatment System including Air Stripper to Remove Volatile Organics From Groundwater

Project Description

The Furon facility located in Pine Brook, New Jersey was once involved with the application of Teflon coatings. As a result of these operations the site soils and groundwater had been contaminated with volatile organic compounds. In 1986 the company entered the ECRA process and was required by the state to perform a Remedial Investigation/Feasibility Study.

Approach

To assist Furon in complying with ECRA cleanup, SAI developed a comprehensive soil sampling plan to determine the extent of soil contamination. Once the extent of the contamination had been delineated, SAI arranged for the removal and disposal of the soil.

SAI designed the groundwater treatment system and performed hydrogeologic studies to assist in that design. Permits for Treatment Work Approval, air discharges, and sewer connections were submitted to the NJDEP and approved as part of the preparation for the construction of the groundwater treatment system.