

alternative  
environmental  
solutions

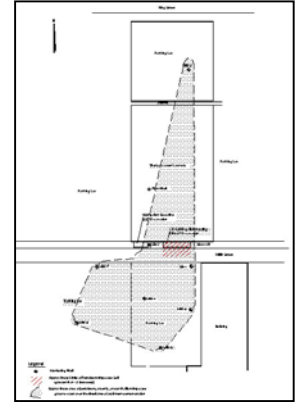
# REMEDIATION HEATING OIL CONTAMINATED PROPERTY

## Overview

In the early 1990's, a gasoline underground storage tank (UST) and a No. 2 heating oil UST were removed from this commercial laundry facility by another environmental consultant and over the next 10 years, a variety of consultants collected samples and recovered separate phase product (SPH) from the water table surface. However, none of the work efforts focused on closing out the project. That is until 2000 when AES was hired with just that goal in mind.

## Challenge

To develop a game plan that would bring closure to this project, along with a Pennsylvania Department of Environmental Protection (PADEP) Act 2 Release of Liability, to enable our elderly client to sell the property and retire without further worry or hindrances regarding this project.



**Separate Phase Product Remaining on Groundwater**

## Solution

AES developed and implemented a plan to secure site closure under Act 2 and began by installing and sampling additional monitoring wells on and off the site to define the limits of the separate phase hydrocarbons (SPH) and quantify the extent of dissolved petroleum constituents in the groundwater. Armed with this information, in the later part of 2001, AES met with the PADEP and the property owner to develop a strategic plan for site closure.

## Results

- Using all of the historic information and AES' most recent work efforts, AES negotiated with PADEP and developed a site closure plan that ultimately allowed the SPH to remain on the water table surface and the site closed under PADEP Act 2's site-specific standard.
- AES obtained site closure and a PADEP Act 2 Release of Liability for this site. This closure resulted in PADEP authorizing SPH to remain on the groundwater surface.
- Our client is enjoying his retirement in Florida.



**PADEP Act 2 Release of Liability**