

Dyer, Indiana



Location: Dyer, Indiana

Site Issue: Pipeline release of gasoline and other petroleum products.

Solution: Provide operation and maintenance services for a soil vapor and ground water remediation system.

Client: L.T. Environmental, Inc.

Total Operating Contract Cost:
\$180,000



Brief History

The site is located at the public works facility in the town of Dyer, Indiana. A petroleum pipeline runs along the southern border of the town's facility. A leak in the pipeline resulted in the release of more than 40,000 gallons of gasoline and other petroleum products. L.T. Environmental designed a remedial program for the site consisting of nearly 75 ground water and/or soil vapor extraction wells. A treatment system cleans the ground water, which is then discharged in a nearby creek. The soil vapors are oxidized in a thermal unit and discharged to the atmosphere. HE&C was retained by L.T. Environmental to operate and maintain the remedial system.

Primary Activities Performed by **HEC** Personnel

- HE&C serves as a liaison between our client (L.T. Environmental) and the Town of Dyer.
- HE&C operates the treatment system which includes two oil/water separators, bag filtration units, an air stripper, liquid and vapor phase granular activated carbon adsorption units, a 100 horsepower liquid ring vacuum pump, and a thermal oxidation unit. An air compressor drives approximately 25 down-well pneumatic recovery pumps.
- HE&C also performs maintenance on all of the treatment equipment, including instrumentation and controls.
- HE&C monitors the treatment system remotely via telephone modem and responds to alarm conditions as needed.
- HE&C performs ground water and soil vapor sampling services as required for regulatory reporting at the site.
- HE&C coordinates and supervises services of subcontractors brought in to perform various specialty services for the project.

