



Environmental, LLC

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Project Briefs : Pollution Assessment

ASTM TS & Phase I assessments for non-profits

Transaction Screens and Phase I environmental assessments for several urban non-profit organizations including: ASTM Transaction Screen and asbestos survey for 10 abandoned apartments located in four buildings in Lawrence, MA, acquired by *Lawrence Community Works* for re-development into low-cost community housing; ASTM Phase I environmental assessment for *United Teen Equality Center (UTEC)* in Lowell, MA in preparation for expansion of their existing facilities in downtown Lowell; ASTM Phase I environmental assessment of the six building campus, and limited Phase II testing (including abandoned UST removal) at *Beverly School for the Deaf* in Beverly, MA; and ASTM Phase I Environmental Assessment and limited Phase II testing at *Action, Inc.* in Gloucester, MA.



Phase II sampling program and Limited Removal Action at construction yard

An expansive 29 acre lot for re-development included a single residence, office, and construction yard located adjacent to wetlands and residential development. A former drywell, USTs, electrical transformer, and imported soil stockpiles required a subsurface investigation and remediation. Installation of 6 groundwater monitoring wells were completed to evaluate releases from former USTs and a dry well. The soil stockpiles were sampled and deemed suitable for reuse. The dry well was removed under MADEP's underground injection control program along with 20 tons of contaminated soil as a Limited Removal Action under the MCP. The soil was disposed at a licensed off-site facility. A Class A-1 Response Action Outcome Statement was submitted for the project.



Site pre-characterization for university re-development project

SAK Environmental assisted the Massachusetts Institute of Technology in environmental pre-characterization of site conditions prior to redevelopment to a parking lot. Grading was necessary along with installation of underground utilities. A test pit program was implemented to characterize subsoil and fill material, and soil stockpiles of unknown origin were tested. PCBs and Lead were present. Soil was disposed at approved treatment facilities and SAK provided on-site construction monitoring for health and safety to workers.



Divestiture of chemical facility

SAK Environmental provided services to an international chemical company to decommission its 50,000 square foot New Hampshire chemical blending facility. Glycols and other organics resulted in extensive contamination of soil and groundwater. SAK completed expedited field programs for drilling and groundwater testing inside and outside the facility, and remedial action alternatives. Tanks, piping and HVAC systems were inventoried to prepare for interior decontamination of the facility. SAK obtained expedited review by state regulators to characterize overall environmental liabilities in preparation for pending sale of the property.



Subsurface investigation and indoor air testing at mill building

SAK Environmental was retained by a prospective buyer to perform an environmental site assessment of a former large mill building. The building was recently used by commercial/industrial companies that included a printed circuit board shop. Subsurface investigations were performed to supplement existing data. Conditions of concern included a release of petroleum and acids from former underground storage tanks, Asbestos, and subsurface contamination with chlorinated solvents, metals and cyanide from the circuit board shop. Chlorinated solvents were also detected in indoor air.