

Phase I/Phase II/Phase III Site Characterizations

Former Electrical Connector Manufacturer

HRP Associates, Inc. performed Phase I, Phase II, and Phase III site characterizations of a 12-acre former industrial manufacturing complex in anticipation of property transfer and redevelopment. The site investigations included the installation of over 50 monitoring wells to characterize complicated overburden and fractured bedrock flow regimes and solvent plume migration. Machine excavated test pits, geophysical seismic refraction profiles, building interior soil gas surveys, and off-site private water well supply sampling events were utilized to supplement and focus the hydrogeologic investigation. These investigations identified eighteen (18) on-site contaminant source areas, including dry wells, leaching fields, underground storage tanks, and surface releases.

Following review of an Environmental Condition Assessment Form (ECAAF) prepared by HRP, the state's department of environmental protection determined that site investigation and remediation activities could be overseen by a Licensed Environmental Professional (LEP). An HRP Project Management Team, including two LEPs, supervised the remediation of each source area. Several thousand tons of contaminated soils and structures were removed and appropriately disposed off-site in order to prepare the site for immediate demolition of existing buildings and redevelopment.

HRP's technical services at the site have included site characterization, remedial design, remediation bid document preparation, remedial contractor management, post remediation sampling, and LEP oversight. Additionally, HRP's support of the site redevelopment included coordination with the town's conservation commission, testimony at public hearings, DOT permitting for off-site investigation and remedial action, public notice of remediation, DEP permitting for dewatering discharges, coordination of the extension of municipal water supply lines to nearby residences, and close coordination with the site demolition and redevelopment concerns.

Throughout construction of multiple retail buildings at the site, HRP worked closely with the construction team and architects to facilitate the installation of the post-remediation monitoring well network on an area-by-area basis, as construction allowed. The monitoring well network was completed and post-remediation monitoring began shortly after redevelopment construction was completed.

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VALUE

\$800,000

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