

# Campbell Clinic Phase II ESA Memphis, Tennessee



FISHER ARNOLD

## PROJECT EXPERIENCE

A Brownfield is a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. As part of a Tennessee Brownfields assessment project, Fisher Arnold was tasked by a local medical business to investigate a medical district property. Fisher Arnold completed a Phase II ESA in accordance with applicable provisions of ASTM E1903-97 and as approved by the TDEC Division of Solid Waste Management State Remediation Program.

Fisher Arnold completed a Phase II Environmental Site Assessment (ESA) on an approximate 0.5-acre tract, comprised of 1 property parcel, located in the downtown medical district of Memphis, Tennessee. Fisher Arnold developed the scope of work for the Phase II ESA by utilizing the findings of a Phase I ESA prepared by another firm.

The subject property formerly supported a surgical instrument plating facility and a gasoline station that ceased operations in the late 1970's. During the Phase II ESA, soil and ground water samples were collected and analyzed for petroleum related compounds and heavy metals. Cadmium and chromium were reported at concentrations above clean-up levels (EPA Region IX Preliminary Remediation Goals and Maximum Contaminant Levels) in two ground water samples collected from soil borings.

Due to the non-detected concentrations for cadmium, chromium, and hexavalent chromium in laboratory filtered ground water samples, Fisher Arnold recommended that the Site receive a "no further action" letter from the TDEC-SRP division. The TDEC-SRP agreed with Fisher Arnold and the finding allowed the property to be sold to a local University for a critical development that has enhanced the Medical District area of downtown Memphis, Tennessee.

