Project Name: Soil and Soil Vapor Remediation at Former Dry Cleaners during Commercial Redevelopment



Project Scope: Conduct Phase II Environmental Site Assessment, Review existing site data, perform soil and soil vapor remediation to accelerate site clean-up during property development

General Project Description and Services Provided

Waterstone was retained by a law firm on behalf of a property owner to perform a Phase II soil and soil vapor investigation and to conduct site mitigation activities on an approximate five acre parcel presently under construction for future commercial use. Historical soil vapor sampling showed that the site was impacted by PCE from dry cleaning operations that were conducted at the along the northeastern portion of the site prior to its redevelopment. The investigation and follow up initiation of mitigation activities are being conducted concurrent with site construction activities.

The site characterization consisted of the installation and sampling of 27 multi-depth soil vapor probe borings, with probe depths ranging from 5 to 100 feet bgs. In preparation for conducting soil vapor extraction to miti-gate PCE impacts in soil and soil vapor, 5 multi-screened soil vapor extraction (SVE) wells) were installed beneath and inside the building's showroom and sales area. These 5 SVE wells will be augmented by the installation of 7 additional SVE wells in outside areas adjacent to the building following the completion of building construction activities.

To accelerate the cleanup of the Site, soil vapor extraction equipment was installed and SVE operations were initiated from the 5 initial SVE wells on October 2, 2015. Remaining SVE wells to be installed will be connected to the SVE system during the 4th quarter of 2015. Estimated duration of remedial operations is 18 months.

