

TABLE 2.4 ASTM Standards for Site Assessment

E1528-00	Standard Practice for Environmental Site Assessments: Transaction Screen Process
E1527-00	Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process
E1903-97	Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process
D6235-98a	Standard Practice for Expedited Site Characterization of Vadose Zone and Ground Water Contamination at Hazardous Waste Contaminated Sites
E1984-98	Standard Guide for Process of Sustainable Brownfields Redevelopment
E1861-97	Standard Guide for Use of Coal Combustion By-Products in Structural Fills
D5746-98	Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities
E2091-00	Standard Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls
D5730-98	Standard Guide for Site Characteristics for Environmental Purposes With Emphasis on Soil, Rock, the Vadose Zone and Ground Water
D5745-95-99	Standard Guide for Developing and Implementing Short-Term Measures or Early Actions for Site Remediation
E1923-97	Standard Guide for Sampling Terrestrial and Wetlands Vegetation
E1912-98	Standard Guide for Accelerated Site Characterization for Confirmed or Suspected Petroleum Releases
E1689-95	Standard Guide for Developing Conceptual Site Models for Contaminated Sites
E1624-94	Standard Guide for Chemical Fate in Site-Specific Sediment/Water Microcosms
D6429-99	Standard Guide for Selecting Surface Geophysical Methods
D6008-96	Standard Practice for Conducting Environmental Baseline Surveys
D5928-96	Standard Test Method for Screening of Waste for Radioactivity
D5745-95-99	Standard Guide for Developing and Implementing Short-Term Measures or Early Actions for Site Remediation
D5717-95e1	Standard Guide for Design of Ground-Water Monitoring Systems in Karst and Fractured-Rock Aquifers

in the ESA because of the potential of a late discovery of an environmental condition to disrupt the design and development process. Further, site design professionals may elect to fold elements of the site assessment, a transaction screening, into their own analysis of the site.

Format of a site assessment

Typically a transaction screen, or Phase I environmental site assessment, should be conducted before a title is transferred. A transaction screen may be performed by a person with knowledge of land and real estate. The Phase I environmental site assessment requires the services of an environmental professional. Although no standard definition or credential exists for an “environmental