

documentation referenced in the report. It is important to note that the environmental professional is expected to exercise good judgment in the completion of the ESA. In some cases the environmental professional may elect to modify the ESA guidelines. While these changes are to be expected, deviations from the standard should be noted and explained to the site designer's satisfaction.

TABLE 2.6 Phase I Environmental Site Assessment Quality Assurance Review

This Phase I Environmental Site Assessment (ESA) Guidelines Review checklist is to be completed for the quality-assurance purpose of verifying the substantive compliance of an ESA report with the ASTM Standard Practice for Environmental Site Assessments, Phase I Environmental Site Assessment Process, E-1527. Except where noted otherwise, this review is based entirely on the report and does not include an independent confirmation of information.

Records Review

Does the report reference ASTM E-1527?

Was the ESA conducted by an environmental professional?

Is a résumé or statement of qualification attached?

Were proper minimum search distances (MSDs) used in the records search?

- Federal NPL Site List (1 mi)
- Federal CERCLIS list (0.5 mi)
- Federal RCRA TSD list (1 mi)
- Federal RCRA generators list (property and adjoiners)
- Federal ERNS list (property only)
- Equivalent state lists
- State landfill lists (0.5 mi)
- State leaking underground storage tank (LUST) list (0.5 mi)
- State registered underground storage tank (UST) list (property and adjoiners)

If proper minimum search distances were not used, was justification for each reduction and the new minimum distance provided?

Did the environmental professional provide an opinion as to the significance of any listing as a *recognized environmental condition* within the minimum search distances?

Was a current U.S. Geological Survey (USGS) 7.5 Minute Topographic Map used as the source of the physical setting data?

Identify the sources used to determine the history of the site and surrounding areas:

- Aerial photographs
 - Local historic maps
 - Historic USGS topographic maps
 - Fire insurance maps
 - Tax files
 - Local records
 - Interviews
 - 50-year chain of title
-