

dures to be followed in the event of contact with an unknown hazardous substance. Any unknown hazardous substances shall be tested, handled, and disposed of in accordance with federal, State, and local regulations.

4.13.4 Tier 2 Studies

This Tier 1 analysis does not allow for identification of site-specific hazardous materials/waste impacts for a particular alternative or the degree to which hazardous materials/waste may have impacted a particular alternative. Once a preferred alternative is selected, Tier 2 studies can be used to evaluate the specific potential hazardous materials/waste impacts along the corridor as they relate to the proposed transportation facility type. The number of sites that have the potential to impact the preferred alternative via a previous release of hazardous materials/waste or future property acquisition and demolition should be determined, and mitigation should be modified appropriately.

The following Tier 2 studies (at a minimum) shall be conducted:

- C A site reconnaissance of potential contaminated sources within the study area
- C A review of active hazardous waste site agency records and interviews with regulators and property owners/occupants of potential contaminant sources identified as a potential impact to the preferred alternative
- C A review of available historical records, such as aerial photographs and topographic maps
- C An investigation of building/structure records and surveys of building/structure materials for facilities that will be demolished as part of the project
- C Development of site-specific hydrogeologic information, including geology and groundwater depth and gradient
- C Surface soil sampling for ADL in unpaved areas adjacent to roadways in areas that will be excavated during construction
- C Subsurface investigation in areas of potential contamination of soil and groundwater that could potentially impact the preferred alternative