

4.0 ARAR ANALYSIS

Applicable or relevant and appropriate requirements are referred to as ARARs. Applicable requirements are cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under Federal environmental or state environmental or facility siting laws that specifically address a hazardous substance, pollutant, contaminant, remedial action, location or other circumstances found at a CERCLA site. Relevant and appropriate requirements are cleanup standards, standards of control, and other substantive requirements, criteria, or limitations promulgated under Federal environmental or state environmental or facility siting laws that, while not “applicable” to a hazardous substance, pollutant, contaminant, remedial action, location or other circumstances at a CERCLA site, address problems or situations sufficiently similar to those encountered at the CERCLA site and are well-suited to the particular site. Other information To Be Considered (TBCs) is non-promulgated guidance or advisories that are not legally binding and that do not have the status of potential ARARs. TBCs generally fall within three categories: health effects information with a high degree of credibility, technical information on how to perform or evaluate site investigations or response actions, and policy.

ARARs are divided into three categories: chemical-specific, location-specific, and action-specific. The three categories are described below:

- **Chemical-Specific ARARs.** Chemical-specific ARARs are usually health or risk based numerical values or methodologies, which, when applied to site specific conditions, result in the establishment of numerical values. These values establish the acceptable amount or concentration of a chemical that may be found in, or discharged to, the ambient environment.
- **Location-Specific ARARs.** Location-specific ARARs apply to the geographical or physical location of the Site. These requirements limit where and how the removal action can occur.
- **Action-Specific ARARs.** Action-specific ARARs include performance, design, or other controls on the specific activities to be performed as part of the removal action for a site.

The results of the ARAR analysis are presented in Table 8. For removal actions, ARARs are to be attained “to the extent practicable considering the exigencies of the situation” (40 C.F.R. § 300.415(j)). In determining whether compliance with ARARs is practicable, the urgency of the situation, and the scope of the removal action to be conducted may be considered.