

## 4.8.2 Data Quality Objectives

EPA has developed detailed guidance on the development and implementation of DQOs (EPA 1994). When reviewing plans for remediation, the permit writer should insist that the DQO are explicit and that plan provide for actually making use of them. Sources of information about DQOs include the *Guidance for the Data Quality Objective Process* (EPA 1994b), and *EPA Requirements for Quality Assurance Project Plans* (EPA 2001).

## 4.8.3 Innovative Technologies

There are few innovative technologies specifically designed for the remediation of explosives contaminated soil and ground water contaminated with explosives. Most of those that do exist are designed to manage UXO or soil contaminated with high-concentration explosives contaminated soil; neither of which is to be expected at OB/OD units. Many of the innovative technologies developed to treat soils and ground water contaminated with semivolatile organic compounds are likely to be of use in treating those media at OB/OD units.

There are several sources the permit writer can use to identify innovative remedial technologies. They include the Superfund Innovative Technology Evaluation (SITE) series, *The Remediation Technologies Screening Matrix and Reference Guide, (RTSM)* (EPA 1994c) and the Vendor Information System for Innovative Treatment Technologies (VISITT). The permit writer can consult such sources to obtain information for the applicant or to determine the appropriateness of a selected technology. Table 2-5 on page 2-35 of the RTSM provides a list of technologies and their current status.

## 4.9 References

Department of the Army (DA). 1996. *Munitions Items Disposition Action System*.

DoD. 1978. *DoD Ammunition and Explosive Safety Standards*. Pamphlet 385-64.

*Additional information regarding the management of UXO is provided in the documents:*

- *Interservice Responsibilities for Exposure Ordinance Disposal Joint Army Regulation (75-14)*. February 1992.
- *Handbook on the Management of Ordinance and Explosives at Closed, Transferred, and Transferring Ranges (EPA 505-B-01-001)*. June 2001.
- *U.S. Army Explosives Safety Program. Army Regulation 385-64*.