

## **STEP 6 SPECIFY TOLERABLE LIMITS ON DECISION ERRORS**

Currently, the AFCEE Quality Assurance Project Plan (QAPP) Version 3.0 and the CSSA QAPP are being utilized by CSSA. The AFCEE QAPP, v 3.0 is applicable to work performed under TO42 and TO58 through December 2003. The CSSA QAPP (approved January 16, 2003) is applicable to task orders funded since that date. These QAPPs specify tolerable limits for errors. The CSSA QAPP is currently being revised. Any future QAPP versions will be adapted for the groundwater monitoring covered by these DQOs.

Specific variances to the QAPP have been approved by the USEPA or TCEQ and are located in the **CSSA Environmental Encyclopedia**, Volume 1 Scoping Documents, Volume 1.4 Sampling and Analysis Plan, CSSA Quality Assurance Project Plan. For the drinking water program, CSSA has developed very stringent rules to protect human health above and beyond the regulatory requirements. The groundwater monitoring and proposed well installations presented in this DQO document are a long-term program to delineate the extents of each VOC plume. These DQOs do not require the use of matrix spike, matrix spike duplicates, or field duplicates. However, CSSA elects to include these QA/QC parameters for cleanup confirmation samples collected after remediation projects (i.e. pump and treat, soil vapor extraction, and monitored natural attenuation) associated with the groundwater program. Also, CSSA will submit blind performance evaluation samples periodically to laboratories used on the project.