

**Multi-State Evaluation of
Elements Important to the Verification of
Remediation Technologies**

**2nd Edition
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Interstate Technology and Regulatory Cooperation Work Group
Verification Work Team

Executive Summary

This report is the result of efforts by the Interstate Technology and Regulatory Cooperation (ITRC) Verification Work Team. The purpose of this report is to provide environmental technology verification programs with information about what states and other stakeholders expect from a technology verification effort. The ITRC Verification Work Team hopes that by reading this report, the leaders of the verification programs will be encouraged to incorporate states' needs in their programs.

This report contains input from states regarding information they felt should be included in an environmental technology verification report. One hundred and thirteen discreet categories of information (termed "data elements" in the report) were identified and labeled essential, nice-to-have, or unnecessary. A total of 16 states, 11 verification programs, and four stakeholder organizations participated. The list of data elements and their ranking is presented in a matrix format. Three states (Louisiana, Illinois and Tennessee) indicated by signing an agreement letter that the matrix represented the minimum information needed from a verification program.

This report also includes other information gathered as part of the ITRC verification team's efforts. For example, an ITRC Verification Summit meeting was held for states and verification programs to discuss the data elements and other issues. Highlights of this meeting were used in preparing this report. Verification program summaries describing the programs are also included in this report.

This edition of the report includes the following new information:

- On April 14, 1999, Kentucky signed the agreement letter. This signature acknowledges Kentucky's formal agreement that their responses to the matrix elements represent their minimum information needs from verification programs (see Appendix C for a copy of the letter).
- Appendix E reflects more detailed responses to the matrix elements from Mass STEP.