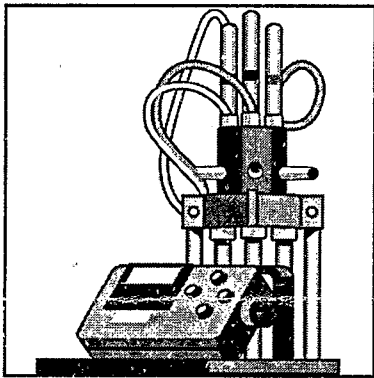




# Field Sampling and Analysis Technology Matrix and Reference Guide

The *Field Sampling and Analysis Matrix and Reference Guide* is a quick reference source to provide users with a basic understanding of the sampling and field analytical technology options available for site screening, characterization, and monitoring. This screening tool gives users a general understanding of the applicability of field

analytical and innovative sampling technologies by comparing them along a number of application and performance parameters. The matrix and reference guide will enhance technology information transfer and allow site managers to quickly understand and assess a range of technologies that may be appropriate for their specific site problems.



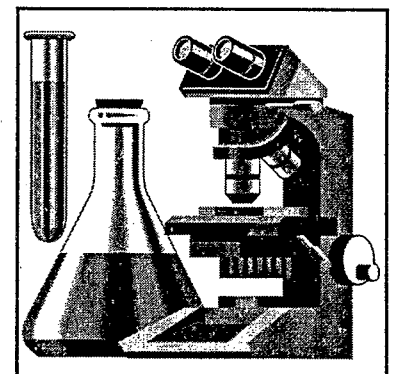
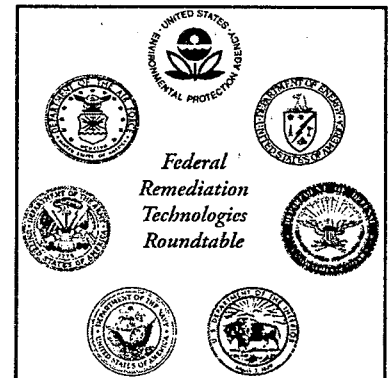
This resource is comprised of three parts. The matrix is actually two matrices (one covering sample analysis technologies, the other for sample access and collection technologies) organized in a poster format. These posters allow project managers to see the range of technology options and their relevance to a number of parameters,

including analytes, media, throughput, cost, data quality, investigation derived wastes, stage of development, precision, accuracy, etc. The second part is the accompanying reference guide which provides more detailed descriptions of the technologies and bibliographic references.

The "*Matrix*" was developed by the U.S. Navy, U.S. Army Corps of Engineers, and EPA with input from the other member-agencies of the Federal Remediation Technologies Roundtable to benefit hazardous waste site cleanup program managers. Interagency participation was essential to ensure that the "*Matrix*" meets the needs of project managers in all of the Roundtable agencies as well as decision-makers at non-Federally managed sites.

The matrix and reference guide is patterned after the *Remediation Technologies Screening Matrix and Reference Guide, Version 1* (EPA 542-B-93-005). It draws upon a number of existing resources, including (but not limited to):

- The Vendor Field Analytical and Characterization Technologies System (VendorFACTS)
- The California Military Environmental Coordination Committee (CMECC) *Field Analytical Measurement Technologies, Applications, and Selection* matrix
- EPA compendium of field methods
- Sensor database under development by the Air Force's Armstrong Laboratory
- DOE Field Analytical Technologies Matrices (from the *Preferred Alternatives Matrix*)





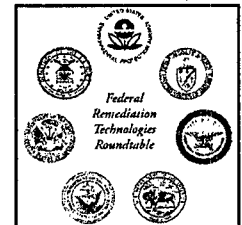
# Field Sampling and Analysis Technology Matrix and Reference Guide

## To Obtain a Copy

*Download a copy free of charge from the following  
on-line source:*

Federal Remediation Technologies Roundtable  
(FRTR) web site

<http://www.frtr.gov>



## Order a free hard copy from:

National Center for Environmental Publications and  
Information (NCEPI)

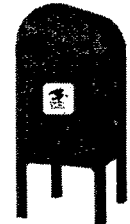
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