



## National Environmental Methods Index



## Use NEMI First to find methods and compare data quality

Use NEMI to "ferret out"  
methods for assessing  
environmental quality!

*The Advisory Committee on Water Information endorses the continued development and timely delivery of NEMI as a vital tool to enhance creation of comparable data of known quality, across all entities conducting monitoring.*

**What is NEMI?** NEMI (<http://www.nemi.gov>) is a clearinghouse of environmental monitoring methods. The NEMI database contains method summaries of lab and field protocols for regulatory and non-regulatory water quality analyses. It is searchable over the World Wide Web, providing you with up-to-date methods information through a standard Internet connection and browser.

**Why use NEMI first?** The evaluation of analytical methods is a critical component of the planning and the review processes for environmental monitoring programs. With NEMI you can **compare** methods at a glance and **find** the method that best meets your needs. NEMI also supports sharing of monitoring data among different agencies and projects, which may use different methods at different times.

**What kind of information does NEMI contain?** To date, NEMI contains more than 600 chemical, physical, and microbiological methods. For each method, NEMI provides a summary of the procedures and performance data needed to assess implementation requirements. Quick method comparisons are arranged in tables, with supporting details in text. Links are provided to full methods available online. You can search the NEMI database by:

- Chemical/microbiological analyte
- Method ID
- Method source
- Sample type (water, soil, air)
- Instrumentation/technique

12 Methods were found in NEMI that match your search criterion

Method Number	Method Source & Descriptive Name	Detection level/ Reporting Units & Type	Performance Data		Relative Cost
			Accuracy	Precision	
1631 (Click for summary)	EPA-EAD Mercury in Water Using CVAA	.0002 ug/L MDL	N/A	N/A	\$\$ CVAFS
200.7 (Click for summary)	EPA-NERL Metals in Water by ICP-AES	7 ug/L MDL	N/A	N/A	\$\$\$ ICP-AES
245.1 (Click for summary)	EPA-NERL Mercury by CVAA	.2 ug/L % Rec (ML)	166 RSD (ML)	89	\$\$ CVAA

**Who created NEMI?** NEMI is a project of the National Methods and Data Comparability Board, a partnership of water-quality experts from Federal agencies, States, Tribes, municipalities, industry, and private organizations. The Board, and its parent organization the National Water Quality Monitoring Council (NWQMC) are committees under the Advisory Committee on Water Information (ACWI). ACWI was chartered under the Federal Advisory Committee Act (FACA) in 1997. The National Council and the Methods Board are multi-agency committees charged with developing a voluntary, integrated, and nationwide water quality monitoring strategy. The Board's goal is to identify, examine, and recommend water-quality monitoring approaches that facilitate collaboration amongst all data-gathering organizations and yield comparable data and assessment results.



**NWQMC**

NATIONAL WATER QUALITY  
MONITORING COUNCIL

Working Together for Clean Water

For more information on the Methods Board, visit our website at:  
<http://wi.water.usgs.gov/pmethods/>