



United States
Environmental Protection Agency

Office of Solid Waste
and Emergency Response

Technology Innovation Office
Walter W. Kovalick, Jr., Ph.D., Director

CLU-IN

CLEAN-UP INFORMATION SYSTEM World Wide Web Site and Electronic Bulletin Board

Internet Access

WWW site:	http://clu-in.com
FTP site:	ftp://clu-in.com
Telnet to BBS:	telnet://clu-in.epa.gov (or 134.67.99.13)

Modem Access

BBS modem number:	301-589-8366
Modem speed:	Up to 28,800 baud
Communications parameters:	8 data bits, 1 stop bit, no parity
Terminal emulation:	VT-100 or ANSI

Voice Help Line

Telephone number: (301) 589-8368

The Hazardous Waste Clean-up Information (CLU-IN) World Wide Web Site and Electronic Bulletin Board System (BBS) provide information about innovative treatment technologies to the hazardous waste remediation community. Both the web site and BBS offer a variety of information for federal and state personnel, consulting engineers, technology developers and vendors, remediation contractors, researchers, community groups, and individual citizens.

CLU-IN World Wide Web Site

<http://clu-in.com>

- Read about the operation, development, and commercialization of innovative site characterization and remediation technologies and programs such as interagency consortia and public-private partnerships designed to facilitate their use.
- Download recent documents and databases designed to aid those responsible for hazardous waste site remediation.
- Link to Internet sources of information on environmental restoration and technology development.
- Link to the CLU-IN BBS with the click of a button.

CLU-IN Electronic Bulletin Board System (BBS)

(301) 589-8366

- Download the same files and databases offered on the WWW site.
- Communicate with hazardous waste professionals online through the message exchange system.
- Visit Special Interest Group areas moderated by EPA's Office of Underground Storage Tanks (UST), Association of State and Territorial Solid Waste Management Officials (ASTSWMO), and others.



Types of Information on CLU-IN

Some of the information available on the CLU-IN system is summarized below.

- **TechDirect.** An information service that highlights new publications and events of interest to site remediation and site assessment professionals. Approximately once a month, the service, via e-mail, distributes a message describing the availability of publications and events.
- **Technology Innovation News Survey—Biweekly Update.** A summary of news items related to research, commercialization, and applications of hazardous waste remediation and site characterization technologies.
- **Tech Trends.** A newsletter providing descriptions and performance data for innovative cleanup technologies that have been applied in the field.
- **Ground Water Currents.** A newsletter of information on the development and demonstration of innovative ground-water remediation techniques. Includes reports on technologies, new regulations that impact ground-water remediation, discussions of issues such as DNAPLs, and information on conferences and publications.
- **Bioremediation in the Field.** An information update on applying bioremediation to site cleanup. Descriptions of treatability studies underway; bioremediation projects at CERCLA, RCRA, UST, and TSCA sites; and technical support and publications offered by EPA.
- **Underground Tank Technology Update.** A newsletter funded by EPA and published by the University of Wisconsin-Madison providing information about the cleanup of ground water

and soil contaminated by leaking underground storage tanks:

- **Innovative Treatment Technologies (ITT) Annual Status Report.** A report on applications of innovative treatment technologies for remedial and removal actions. The companion ITT Database provides additional detailed site-specific information.
- **Full text documents** on technologies such as bioremediation, soil vapor extraction, surfactant and cosolvent flushing, fracturing, treatment walls, thermal enhancement technologies, electrokinetics, and other ground-water and physical/chemical treatment technologies.

Databases Available for Downloading

- Vendor Information System for Innovative Treatment Technologies (VISITT)
- Innovative Treatment Technologies (ITT) Annual Status Report Database
- Vendor Field Analytical and Characterization Technologies System (Vendor FACTS)
- Bioremediation in the Field Search System (BFSS)

Other Regularly Updated Information

- Announcements of opportunities for contracting with the federal government on projects involving hazardous waste remediation.
- Full text of recent *Federal Register* notices related to hazardous waste and ground-water issues.
- Calendar of conferences, workshops, and technology demonstrations.
- Announcements of new EPA publications.

Getting Help

A voice help line is available from 9:00am to 5:00pm Eastern Time to help you connect to and use the CLU-IN WWW site and BBS. The help line phone number is (301) 589-8368.

The CLU-IN WWW is available to anyone with Internet access. The CLU-IN BBS is available free of charge 365 days a year, 24 hours a day, to anyone with a modem and communications software. Choose your own password and complete a short online registration during your first visit to gain immediate access. Detailed assistance for BBS commands is available through online help. To get help with any BBS prompt, type H. You will get a list of choices for responses to that prompt.