

## Message #16: June, 1998

Since May 1, TechDirect gained 235 new subscribers for a total of 4606. I have received a number of comments from subscribers whom seem pleased with the content and brevity of TechDirect. As we continue to improve, we are constantly trying to identify how to gauge the usefulness of the service. If anyone has any specific examples of where TechDirect has identified a publication that was particularly timely and filled an information need you had, we would love to know about it. Also, we would like to be able to let the organizations responsible for developing the documents know that their publication(s) were particularly useful in the work others are doing. I am sure much of the information presented in TechDirect probably falls into the nice-to-know category, but has any fallen into the great-to-know-right-now category? We would love to hear from you.

Welcome to all the newcomers. If your peers are interested in subscribing to TechDirect, they may do so on the Clean-Up Information (CLU-IN) home page at <http://clu-in.org>. If they do not have Internet access, your peers may subscribe by sending an E-mail message to [lyris@lists.epa.gov](mailto:lyris@lists.epa.gov), **do not type anything onto the "Subject" line**, and in the body of the message type: **subscribe TechDirect [First name] [Last name]**. All TechDirect's previous messages are archived at <http://clu-in.org/techdrct>.

### EPA GUIDANCE

**Land Disposal Restrictions Phase IV Final Rule, 40 CFR Parts 148, 261, 266, 268, and 271.** The US Environmental Protection Agency (EPA) issued a final rule on May 26 that established universal treatment standards for mineral processing wastes and for 13 toxic metals. The rule also sets restrictions on the storage of mineral processing materials that are not reused immediately [May 1998, 200 pages]. View or download from <http://www.epa.gov/fedrgstr/EPA-WASTE/1998/May/Day-26/f810.htm>. For hard copies, contact the RCRA Hotline at (800) 424-9346 or (703) 412-9810.

### DOCUMENTS

**The Field Sampling and Analysis Technologies Matrix and Reference Guide (EPA 542-B-98-002).** This document was prepared for the Federal Remediation Technologies Roundtable by the Naval Facilities Engineering Command (NAVFAC) and the U.S. Environmental Protection Agency (EPA). It is similar in scope and

approach to the Federal Remediation Technologies Screening Matrix and Reference Guide. This document is intended to be an initial reference source that will help users to understand innovative and conventional site characterization technologies and techniques [March 1998]. View or print sections at <http://www.frtr.gov/site/>. Hard copies should be available soon from (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

**Recommended Guidelines for Applying Field Screening Methods in Conducting Expedited Site Investigations at Underground Storage Tank Sites in Connecticut.** Produced by the University of Connecticut for the Connecticut Department of Environmental Protection and the U.S. EPA. This document provides guidance for conducting field screening as a part of an expedited site assessment at underground storage tank sites [November 1996, 106 pages]. View or download at <http://www.sp.uconn.edu/~hydrogeo/dep rept.htm>. Hard copies are available from (860) 424-3555 for \$5.00 per copy.

**Recommended Guidelines for Multilevel Sampling of Soil and Ground Water in Conducting Expedited Site Investigations at Underground Storage Tank Sites in Connecticut.** Produced by the University of Connecticut for the Connecticut Department of Environmental Protection and the U.S. EPA. This document provides guidance for conducting multilevel sampling of soil and groundwater as a part of an expedited site assessment at underground storage tank sites [March 1997, 204 pages]. View or download at <http://www.sp.uconn.edu/~hydrogeo/dep rept.htm>. Hard copies are available from (860) 424-3555 for \$5.00 per copy.

**Index of On-Site Incineration at Superfund Sites Reports.** These 15 individual case studies present cost and performance data for the application of on-site incineration of contaminated soil at Superfund sites. They will be incorporated as an appendix in a larger Federal Remediation Technologies Roundtable publication this spring. The executive summaries and full individual case study reports may be viewed and printed at <http://clu-in.org/products/costperf/incinrtn>.

**Rapid Commercialization Initiative (RCI) Final Report for an Integrated In Situ Remediation Technology (Lasagna TM) (DOE/OR/22459-1).** This report describes demonstration results for the Lasagna TM process developed by a consortium of industry and government agencies. It uses established geotechnical methods to install degradation zones in contaminated soil and electrosmosis to move the contaminants back and forth through these zones until treatment is completed [March 1998, 131 pages]. The full report and an 18 page Verification Statement may be downloaded at

<http://www.rtdf.org/public/lasagna/lastechp.htm>.

**Site Characterization and Monitoring Technologies: Bibliography of EPA Information Resources (EPA 542-B-98-003).** This publication was developed by the U.S. EPA Technology Innovation Office. It identifies EPA reports and publications on evaluations and use of innovative characterization and monitoring technologies [April 1998, 3 pages]. Download or view at <http://clu-in.org/programs/scmt/bib0498.htm>. Hard copies available from (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

**Tech Trends (EPA 542-N-98-005).** The May issue of Tech Trends features articles on the use of Biosolids and flyash at the Bunker Hill Site and field applied research on the use of phytoremediation for organics and selenium-laden soils [May 1998, 4 pages]. Download or view at <http://clu-in.org/techpubs.htm>. Hard copies available from (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

**Brownfields Contact Search Database.** This Internet page provides a listing of key Brownfields contacts, their addresses, phone numbers and E-mail addresses. Included in this listing is pertinent information that will enable one to get in touch with various Contact Types: Pilot Coordinators, EPA Regional and Headquarters staff, Brownfields Interagency Working Group members, and State Voluntary Cleanup Program representatives. For more information see [http://www.epa.gov/6706/brwncd/owa/pkg\\_cntcts.cntct\\_form](http://www.epa.gov/6706/brwncd/owa/pkg_cntcts.cntct_form).

## CONFERENCES AND SYMPOSIA

**Innovative Technologies for Site Assessment and Monitoring Workshop, Palo Alto, CA, July 28.** This workshop is intended to bring together for hands on training state regulators, engineering contractors, site owners and individuals involved in Brownfield's cleanups. Participants will receive valuable information on the operation, cost, logistics and data acceptance issues. Limited travel assistance available for state and city employees. Contact On-Site Insights, NHSRC/NJIT, 17 Glen Road, Wayland, MA 01778 or Dr. Andrea Kinney at (508) 358-3532, FAX (508) 358-5091 or email to [andreakinney@worldnet.att.net](mailto:andreakinney@worldnet.att.net).

**Third Tri-Service Environmental Technology Workshop, San Diego, California, August 18-20, 1998.** The Third Tri-Service Environmental Technology Workshop would like to present a call for papers for this year's workshop. This year's theme is "Environmental Technology: Preserving the Balance."

**National Ground Water Association Course Announcements.** The National Ground Water Association (NGWA) serves as an

international education and information resource and as a communication link for a diverse membership to allow them to address their unique needs and the issues facing the ground water industry; and serving the people and the organizations who produce, study, utilize, remediate, market, protect, or manage ground water or related products and services. The NGWA regularly offers courses on technical topics related to ground water. For a complete listing of course offerings, see <http://www.ngwa.org/education/index.html>.

If you have any questions, please feel free to contact me at [heimerman.jeff@epamail.epa.gov](mailto:heimerman.jeff@epamail.epa.gov) or (703) 603-7191.

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<http://clu-in.org/techdrct/td0698.htm>  
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