

Message #23: January 1999

Happy New Year! Are your environmental systems Y2K compliant?

Since December 1, TechDirect gained 199 new subscribers for a total of 5319. Welcome to all the newcomers! We hope this service continues to be beneficial. Let us know your ideas for its improvement.

The Hazardous Waste Clean-Up Information (CLU-IN) homepage has undergone a significant facelift. It has many new features to guide you to new characterization and remediation technology information. In addition, CLU-IN is switching to a **new** address at <http://clu-in.org>. The old address, <http://clu-in.org>, will continue to work for a few more months. **PLEASE UPDATE YOUR BOOKMARKS AND LINKS TO THE CLU-IN SITE TO HTTP://CLU-IN.ORG.** Please let us know if you like our changes to CLU-IN.

We have added a new feature on the TechDirect page in the new CLU-IN to help you subscribe, unsubscribe or update your TechDirect subscription address. We hope this makes life a little easier. Help us keep your subscription information current. See <http://clu-in.org/techdrct>.

EPA Policy

Proposed TSCA 403 Soil Lead Hazard and OSWER's Lead-in-Soils Policy (EPA 540-F-98-061). This proposed policy was issued jointly by the EPA Office of Prevention, Pesticides and Toxics (OPPTS) and the Office Of Solid Waste and Emergency Response (OSWER). It addresses issues that have arisen about the relationship between the proposed TSCA 403 rule and OSWER's Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Facilities [December 1998, 3 pages]. View or download at

<http://www.epa.gov/superfund/programs/lead/prods.htm#guidance>.

Documents

Guide to Documenting and Managing Cost and Performance

Information for Remediation Projects (EPA 542-B-98-007)

This document was published by the member agencies of the Federal Remediation Technologies Roundtable. This publication updates an earlier guide (for 13 technologies) published in 1995. It provides recommended procedures for documenting the matrix characteristics and technology operation, performance, and cost for 16 additional conventional and innovative cleanup technologies [October 1998, 76 pages]. View or download at <http://206.181.65.143/frtr/PDF/guide.pdf>. For hard copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Ground Water Currents (EPA 542-N-98-010)

This periodic newsletter highlights technologies for groundwater cleanup. The current issue features innovative methods of enhancing conventional ground water remediation technologies for the treatment of organic and inorganic contaminants [December 1998, 4 pages]. Download from <http://clu-in.org/techdrct/techpubs.htm>. For hard copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Assessment and Remediation of Contaminated Sediments (ARCS) Program: Guidance for In Situ Subaqueous Capping of Contaminated Sediments (EPA 905-B-96-004)

This document was published by the U.S. EPA Great Lakes National Program Office. It provides technical guidance for subaqueous, in situ capping as a remediation technique for contaminated sediments. It provides descriptions of the processes, identification of the design requirements, and a recommended sequence for design [September 1998, 141 pages]. View or download at <http://www.epa.gov/glnpo/sediments.html>. For hard copies, contact brail.lawrence@epa.gov.

Technology Evaluation Report: Technologies for Dense Nonaqueous Phase Liquid Source Zone Remediation (TE-98-02).

This report was published by the Ground Water Remediation Technologies Analysis Center (GWRTAC). Dense nonaqueous phase liquids (DNAPLs) are present at numerous commercial and government sites. Several technologies have demonstrated the ability for fairly rapid removal of mass from DNAPL source zones; others have shown the ability to treat dissolved phase contamination. This report evaluates those technologies shown to have potential for remediation of DNAPL source zones [December 1998, 70 pages]. View or download at http://www.gwrtac.org/pdf/e_dnapl.pdf.

Site Characterization Library, Volume 1, Release 2.0 (EPA 600-C-98-001)

This CD-ROM was developed by the U.S. EPA National Exposure Research Laboratory. It contains electronic documents and computer programs related to the characterization of hazardous waste sites [October 1998]. For copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Site Characterization for Explosives Contamination at a Military Firing Range Impact Area (Special Report 98-9). This report was published by the Cold Regions Research and Engineering Laboratory of the U.S. Army Corps of Engineers. This project had three objectives: provide information on status of explosives contamination at FT Ord impact ranges, develop protocols for more extensive site characterization, and evaluate a draft protocol for preparing a site specific full-scale sampling plan [August 1998, 45 pages]. View or download at http://www.crrel.usace.army.mil/techpub/CRREL_Reports/index.html [CASE SENSITIVE]. DOD personnel and contractors may obtain hard copies at (800) 225-3842. All others may order report through the National Technical Information Service at (703) 487-4650.

Detecting Primary Metallic Explosives with a Portable X-Ray Fluorescence Spectrometer (Special Report 97-8)
The purpose of this study was to select and test a XRF instrument for screening sites where metallic primers may be present. The selection criteria used in this process included appropriate metal sensitivity and selectivity, area of effective sample analysis, portability and user friendliness. Laboratory experiments were designed to evaluate qualitatively the performance of the selected XRF system under a variety of conditions [April 1997, 14 pages]. View or download at http://www.crrel.usace.army.mil/techpub/CRREL_Reports/index.html [CASE SENSITIVE]. DOD personnel and contractors may obtain hard copies at (800) 225-3842. All others may order report through the National Technical Information Service at (703) 487-4650.

List of Leak Detection Evaluations for Underground Storage Tank Systems - Fifth Edition (EPA 510-B-98-005). This publication was reproduced by EPA Office of Underground Storage Tanks. The list is based on reviews by the independent National Workgroup on Leak Detection Evaluations consisting of state and EPA UST program staff. Therefore, this list is not an EPA list. The publication contains information on underground storage tank and piping leak detection system evaluations that have met certain criteria [October 1998, 362 pages]. View or download at <http://www.nwglde.org/downloads.html>. For hard copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Conferences and Symposia

Natural Attenuation of Chlorinated Solvents in Groundwater, New Orleans, LA, January 12-13, 1999. This course is sponsored by the Interstate Technology Regulatory Cooperation (ITRC) workgroup and the industrial partners of the Remediation Technologies Development Forum (RTDF). The physical, chemical and biological mechanisms for degrading chlorinated solvents in groundwater will be discussed, as well as tools for the documentation and evaluation of natural attenuation projects based on case studies. The training combines presentation and discussion with a "hands on" problem solving work session on day two. For more information, visit:

<http://www.dep.state.pa.us/dep/deputate/airwaste/wm/remserv/biotreat/biotreat.htm>.

Call for Papers! American Chemical Society Symposium on Perchlorate in the Environment: Toxicological, Ecological, Analytical, Water treatment and Site remediation Developments in Pure and Applied Science, New Orleans, LA, August 22-26, 1999. This call for papers extends until COB Thursday, March 25, 1999. Prospective authors: Please contact Edward Urbansky As Soon As Possible at urbansky.edward@epa.gov to give notice of intent to submit.

International Environmental Technology Expo '99, Atlantic City, NJ, April 20-21, 1999. Sponsored by the New Jersey Department of Environmental Protection (NJDEP), this event will focus on the growing use of environmental technologies to help government, business and industry solve environmental problems. The program is designed to bring together representatives from across the country and the world to address such topics as innovative environmental technologies, brownfields cleanup using innovative treatment technologies, technology verification/certification, electronic data exchange and partnering. Through panel discussions, presentations, exhibits and technology demonstrations we will provide an opportunity to share information, showcase technologies and identify new technology needs in the United States and internationally. For more information, visit: <http://www.state.nj.us/dep/srp>.

Other

Wanted!! Direct Push Data Sets. Direct push (DP) collection of ground water samples is being used extensively for screening purposes, but not for more rigorous purposes such as site listing or cleanup monitoring. EPA is seeking ground water data sets from sites with both DP and monitoring well samples for a study designed

to determine when and how DP can be used for collecting definitive, legally defensible data. If you have data sets comparing Direct Push samples to conventional well samples and are interested in supplying that information to EPA for this study, please contact Randall Ross at ross.randall@epa.gov. For more information on this study, see the Project Description at <http://clu-in.org/techdrct/techpubs.htm>.

As always, if you have any questions or comments regarding TechDirect, please contact me at (703) 603-7191 or heimerman.jeff@epa.gov.
Happy New Year!

<http://clu-in.org/techdrct/td0199.htm>
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