

Message #52: June 2001

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Upcoming Live Internet Seminars

ITRC Passive Diffusion Samplers: June 12 and 14. This seminar will cover the technical and regulatory considerations associated with deployment of diffusion samplers, and summarize major points of the recently issued U.S. Geological Survey document, Users Guide For Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells, which was developed by USGS in cooperation with the ITRC Diffusion Sampler Work Group. You must register to participate. See <http://clu-in.org/studio> .

Documents and Websites

Reusing Cleaned Up Superfund Sites: Recreational Use of Land Above Hazardous Waste Containment Areas (EPA 540-K-01-002). This report provides technical information on how sites with waste containment areas have been safely reused for recreational purposes while ensuring that the integrity and protectiveness of the remedy are maintained. This information may be helpful when considering recreational reuse options during EPA's process of selecting and designing a cleanup plan for a Superfund site. The information presented in this report draws on the experiences and lessons learned from previous recreational redevelopment projects on Superfund and other contaminated sites (March 2001, 49 pages). View or download at <http://www.epa.gov/superfund/programs/recycle/pdf/recreuse.pdf> . See also Appendix A: Size and Configuration of Sports Fields (March 2001, 23 pages) at http://www.epa.gov/superfund/programs/recycle/pdf/r_apx.pdf.

EPA STAR Program Remediation Research. EPA's Science to

Achieve Results (STAR) program funds extramural grants to support university-based research on remediation-related topics. The Program recently completed a comprehensive search listing all funded remediation research projects under 20 topic areas. Specific information is given for each grant that includes: title, web address, EPA grant number, principal investigator(s), institution (university), NCER project officer, dates during which the grant is funded, and a brief description of the research. For more details, see

<http://es.epa.gov/ncer/publications/topical/remediation.html> .

Engineering and Design: Adsorption Design Guide (DG 1110-1-2). This Design Guide was published by the U.S. Army Corps of Engineers. It provides practical guidance for the design of liquid and vapor phase devices for the adsorption of organic chemicals. The adsorptive media addressed include granular activated carbon (GAC) and other alternative adsorption carbon media, such as powdered activated carbon (PAC) and non-carbon adsorbents. The Guide addresses various adsorption media types, applicability, use of various adsorption process technologies, equipment and ancillary component design, availability, advantages, disadvantages, regeneration methods, costs, and safety considerations. The equipment can be installed alone or as part of an overall treatment train, based on site-specific factors (March 2001, 99 pages). View or download at <http://140.194.76.129/publications/design-guides/dg1110-1-2/entire.pdf> .

In-Situ Electrokinetic Remediation of Metal Contaminated Soils Technology Status Report (SFIM-AEC-ET-CR-99022). This report was published by the U.S. Army Environmental Center for the Environmental Security Technology Certification Program (ESTCP). This report provides an overview of the current developmental status of electrokinetic remediation for metals contaminated soils. Concerns with its in situ application and issues that require further investigation are identified. The results of a field demonstration conducted at Naval Air Weapons Station (NAWS) Point Mugu are presented to illustrate the concerns with the in situ application of this technology at its current stage of development (July 2000, 30 pages). View or download at http://www.estcp.org/documents/techdocs/ISERMCS_Report.pdf .

Phytotechnology Technical and Regulatory Guidance (Phyto-2). This document was published by the Interstate Technology and Regulatory Cooperation (ITRC) workgroup. It provides technical and regulatory guidance to help regulators understand, evaluate, and make informed decisions on phytotechnology proposals. This document includes a description of phytotechnologies, regulatory and policy issues, technical requirements for phytotechnologies, stakeholder concerns, case studies, and technical references (April

2001, 124 pages). View or download at <http://www.itrcweb.org/PHYTO2.pdf> .

Oil Spill Program Update (EPA 540-N-01-002). The goal of the Update is to provide straight-forward information to keep EPA Regional staff, other federal agencies and departments, industries and businesses, and the regulated community current with the latest developments. This issue features updates on the Spill Prevention Control and Countermeasures Rule, an announcement of new Oil Spill Exercise Generator Software (OILSPILL), and reports information on several recent oil spills (April 2001, 9 pages). View or download at <http://www.epa.gov/oilspill/docs/vol4no2.pdf> .

Sixth International HCH and Pesticide Forum - Final Summary Report. This International conference was held in Poznan, Poland in March 2001. The final program, attendees list, session summaries and summary report are now available for downloading. For more information, see <http://www.6thHCHForum.com/> .

FRTR Perchlorate Page. The Federal Remediation Technologies Roundtable (FRTR) recently posted a website devoted to Federal activities related to Perchlorate in the environment. Major subheadings on the site include: Interagency Committees and Workgroups; Treatment Technology; Environmental Measurements; Toxicology; Conferences, Workshops and Presentations on Perchlorate; Ecosystems; and State Agency Information. For more information, see <http://www.frtr.gov/perchlorate/> .

USGS Toxic Substances Hydrology Program Bibliography. The bibliography contains more than 300 references to documents related to site cleanup. You can search the Toxic Substances Hydrology Program bibliography database by subject category, words in the title, author name, or year of publication. To access the online bibliography, see <http://toxics.usgs.gov/bib/>

Meetings and Conferences

ETV Vendor Meeting, Washington, DC, June 27. The ETV Advanced Monitoring Systems - Site Characterization and Monitoring Technologies Center will hold a meeting for vendors of field portable lead-in-dust detection technologies. The meeting will be held in the North Conference Center from 9 a.m. to 5 p.m. at EPA's Office of Pollution Prevention and Toxics, Waterside Mall, 401 M Street SW, Washington, DC. For more information, contact Eric Koglin (702-798-2432, koglin.eric@epa.gov) or Amy Dindal (678-344-5569, dindalab@ornl.gov).

ER-TEC 2001. Environmental Restoration Technology End User

Conference, Atlanta, July 17-19. This conference is sponsored by DOE, DOD, and EPA. The purpose of the conference is to Share DOE/DOD/EPA cleanup successes and technical innovations, promote deployment of innovative technologies, and facilitate integration and teamwork between DOE, DOD, EPA, and State Regulatory Agencies for site cleanup.

WTQA 2001 . Waste Testing and Quality Assurance, Arlington, VA August 12-16. WTQA 2001 is sponsored by the WPI under a cooperative agreement with the U.S. Environmental Protection Agency. The conference brings together regulators, analysts, engineers and managers from Federal and State regulatory agencies, the regulated community and the laboratory and engineering support communities in an informal setting on the edge of our nation's capitol. The latest changes in regulatory policy, sampling techniques, and new methods will be presented and discussed. Formats include panel discussions, oral and poster presentations, and short courses. For registration and agenda information, see <http://www.wpi.org/wtqa/> .

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