

Message #25: March, 1999

Since February 1, TechDirect gained 410 new subscribers for a total of 5897. Welcome to all the newcomers! We hope this service continues to be beneficial. Let us know your ideas for its improvement.

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EPA Guidance

Hazardous Waste Management System; Identification and Listing of Hazardous Waste; Petroleum Processing Wastes; Exemption for Leachate from Non-Hazardous Waste Landfills: Final Rule (40 CFR Part 261). This final rule was published February 12, 1999 by the EPA Office of Solid Waste. EPA is temporarily deferring from the definition of hazardous waste landfill leachate and landfill gas condensate derived from previously disposed wastes that now meet the listing descriptions of one or more of the recently added petroleum refinery wastes (waste codes K169, K170, K171, and K172, promulgated August 6, 1998, 63 FR 42110). Pending further study of this issue, this deferral is provided to landfill leachate and gas condensate that is subject to regulation under the Clean Water Act (CWA). EPA is also stipulating that as one condition of this deferral, this leachate may not ordinarily be managed in surface impoundments or otherwise placed on the land after February 13, 2001. See final rule and support materials at

<http://www.epa.gov/epaoswer/hazwaste/id/petroleum/process.htm>

Special Y2K Alert

Prevent Year 2000 Chemical Emergencies (EPA 550-F-99-003). This Chemical Safety Alert was issued by the U.S. EPA Office of Solid Waste and Emergency Response. Alerts are issued when EPA becomes aware of a significant hazard. This Alert raises awareness of the Y2K problem and offers strategies to address it. The paper focuses on contingency planning for unanticipated chemical releases [February 1999, 6 pages]. View or download at <http://www.epa.gov/ceppo/y2k.htm>. Hard copies should be available within 2 weeks, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Now Available

Overview of Early Transfer Guidance (EPA 505-F-98-007). This fact sheet was produced by the EPA Federal Facilities Restoration and Reuse Office. It is guidance on the transfer of federal property contaminated with hazardous wastes, before completion [January 1999, 4 pages]. View or download at <http://www.epa.gov/swerfrr/>. For hard copies, contact Deborah LeBlang at leblang.deborah@epa.gov.

Permeable Reactive Barriers Technologies for Contaminant Remediation (EPA 600-R-98-125). This publication was produced by the EPA National Risk Management Research Laboratory in conjunction with the Remediation Technologies Development Forum. It contains information on treatable contaminants, design, feasibility studies, construction options, site characterization needs and monitoring, as well as summaries of several current installations [September 1998, 102 pages]. View or download at <http://www.rtdf.org/public/permbarr/barrdocs.htm>. For hard copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Gasoline Spill Demonstration Project at Lawrence Livermore National Laboratory. This report is a compendium of the final reports for each component of the Dynamic Underground Stripping demonstration at the gasoline spill site at Lawrence Livermore National Laboratory (LLNL). The demonstration and cleanup efforts at that site from 1992 to early 1994 were funded jointly by the U.S. Department of Energy's Office of Technology Development and Office of Environmental Restoration. The entire four-volume report is available as pdf files. View or download at <http://www-ep.es.llnl.gov/www-ep/aet/dynstrip/dynstrip.html>.

Fluidized-Bed Adsorption Bioreactor for the Treatment of Groundwater Contaminated with Solvents at Low Concentration (Special Report 99-1). This report was published by the Army Corps of Engineers Cold Regions Engineering Research Laboratory. This pilot study examines the ability of a fluidized bed reactor to remediate TCE [January 1999, 20 pages]. View or download at http://www.crrel.usace.army.mil/techpub/CRREL_Reports/ [Note: case sensitive]. For hard copies, contact CRREL (603) 646-4338.

Soil Sampling Technologies Verification Statements and Reports. Since 1995, ETV's Site Characterization and Monitoring Technology Pilot has tested technologies and written verification statements and accompanying reports. The Site Characterization and Monitoring Technology Pilot releases signed verification statements and verification reports summarizing the performance of the technologies in the demonstrations. View or download the six

new verification reports and statements for Soil Sampling Technologies at <http://clu-in.org/techpubs.htm>. The six technologies are:

- Art's Manufacturing and Supply, Inc. AMS Dual Tube Liner Sampler (EPA 600-R-98-093)[August 1998, 110 pages]
- Clements Associates, Inc. JMC Environmentalist's Subsoil Probe (EPA 600-R-98-091)[August 1998, 110 pages]
- Geoprobe Systems, Inc. Large Bore Soil Sampler (EPA 600-R-98-092)[August 1998, 113 pages]
- Quadrel Services, Inc. EMFLUX Soil Gas System (EPA 600-R-98-096)[August 1998, 72 pages]
- Simulprobe Technologies, Inc. Core Barrel Sampler (EPA 600-R-98-094)[August 1998, 109 pages]
- W. L. Gore & Associates Inc. GORE-SORBER Screening Survey (EPA 600-R-98-095)[August 1998, 68 pages]

Tech Trends newsletter (EPA 542-N-99-001). Tech Trends is a quarterly newsletter that provides descriptions and performance data for innovative source control technologies that have been applied in the field. This issue highlights innovative methods for in situ containment of hazardous wastes and containment monitoring. View or download at <http://clu-in.org/techpubs.htm>. For hard copies, contact (800) 490-9198 or (513) 489-8190 or fax your request to (513) 891-6685.

Oil Spill Program Update. This periodical is published by the EPA Office of Emergency and Remedial Response. This issue commemorates the 30th anniversary of the National Contingency Plan and reflects on past responses to the Nation's major environmental releases [January 1999, 13 pages]. View or download at <http://www.epa.gov/oilspill/docs/index.htm>.

Conferences and Symposia

Reminder!! 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>.

[First Announcement - Limited Capacity] Subsurface Remediation: Improving Long-Term Monitoring and Remedial Systems Performance, St. Louis, MO, June 8-11, 1999. This conference is sponsored by member agencies of the Federal Remediation Technologies Roundtable. The objectives are to highlight successes and issues related to improving the performance of subsurface remediation technologies, showcase practical approaches to cost-effective monitoring of remedial performance, and to identify research needs from current practice. For agenda and registration information, see <http://www.clu-in.org/products/moreinfo/subsurf.htm>.

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