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ENGINEERING FORUM:

Providing Technical Support to Regional Site Managers



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WHO WE ARE

As one of the EPA Technical Support Project's three technical forums, the Engineering Forum provides technical support on engineering issues to the regional offices and serves as a line of communication between the regions, headquarters, and the laboratories of EPA's Office of Research and Development (ORD). The Engineering Forum encourages information exchange among these entities regarding innovative site cleanup and characterization technologies as well as site-specific engineering issues, including problems encountered, solutions, and lessons learned.

Forum membership is comprised of regional engineers and other technical professionals who are knowledgeable and interested in environmental engineering technologies. In addition, "Friends of the Forum," representing the ORD laboratories, headquarters program offices, state agencies and the US Army Corps of Engineers, participate actively in forum activities, which include monthly teleconferences, technical meetings, and the development of issue papers, reports and other forum products.

Through its monthly teleconferences and meetings, the Engineering Forum aims to:

- facilitate resolution of technical issues encountered by RPMs and RCRA corrective action managers;
- assist in writing technical issue papers on topics identified by site managers and other regional needs;
- support headquarters program offices by forming workgroups to review technical guidance documents, gather information, and identify technical support needs;
- interact with and exchange technical information with other government agencies, including the US Army Corps of Engineers, Department of Energy, and Department of Defense;
- promote regional consistency in the interpretation of guidance and application of policy; and
- facilitate technical transfer from the teleconferences and meetings by making available teleconference minutes and meeting summaries on the Technical Support Project webpage (www.epa.gov/tio/tsp) and distributing the *Highlights* newsletter to alert site managers to recent Forum activities.

ENGINEERING FORUM ISSUE PAPERS

(Available at <http://www.epa.gov/tio/tsp/issue.htm#EF>)

Online Hazardous Waste Cleanup Technical Resources, April 2008
(EPA/542/F-08/003)

Management and treatment of water from hard-rock mines, October 2006
(EPA/625/R-06/014)

In-situ chemical oxidation, August 2006
(EPA/600/R-06/072)

Selecting treatment process design data to collect at hazardous wastes sites, November 2006
(ASTM Standard D 7294-06)

In-Situ Treatment Technologies for Contaminated Soils, November 2006
(EPA/542/F-06/013)

Introduction to Energy Conservation and Production at Waste Cleanup Sites, May 2004
(EPA/542/S-04/001)

Proven Alternatives for Aboveground Treatment of Arsenic in Groundwater, October 2002
(EPA/542/S-02/002)

Thermal Desorption Implementation Issues, January 1997
(EPA/540/F-95/031)

Soil Vapor Extraction Implementation Experiences, January 1997
(EPA/540/F-95/030)

Determination of Background Concentrations of Inorganics in Soils and Sediments at Hazardous Waste Sites, December 1995
(EPA/540/S-96/500)

In Situ Bioremediation of Vadose Zone Soils, December 1993
(EPA/540/S-93/502)

Considerations in Deciding to Treat Contaminated Unsaturated Soils In-Situ, December 1993
(EPA/540/S-94/500)

Construction Quality Management for Remedial Action and Remedial Design Waste Containment Systems, October 1992
(EPA/540/R-92/073)

Considerations for Conducting Treatability Studies to Evaluate the Impact of Metals Partitioning During Incineration of Contaminated Soils from Superfund Sites, September 1992
(EPA/540/S-92/014)

Superfund Technical Review Process, April 1992

Engineering Bulletin: Data Gaps in Remedial Design, July 1991

Treatment of Lead-Contaminated Soils, April 1991
(EPA/540/2-91/009)

Issues Affecting the Applicability and Success of Remedial/Removal Incineration Projects, February 1991
(EPA/540/2-91/004)

INFORMATION PAPERS IN PROGRESS

The Engineering Forum and friends are currently involved in writing and reviewing papers on the following topics:

Ex-Situ Treatment of Oxygenated Hydrocarbons & Perchlorates in Groundwater

Technology Alternatives for the Remediation of Soil and Sediment Contaminated with PCBs

Evapotranspiration Covers

Indoor Air Vapor Intrusion Mitigation Approaches

In Situ Thermal Treatment

BECOME A MEMBER!

If you are a Superfund, RCRA or State engineer and are interested in being involved in technical issues please talk to your regional Forum representative about joining the Engineering Forum.