United States Environmental Protection Agency
Office of Research and Development Washington, DC 20460
Office of Solid Waste and Emergency Response Washington, DC 20460

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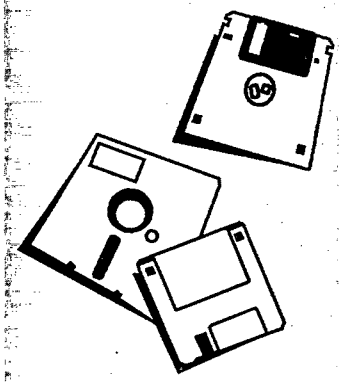
EPA

The Bioremediation in the Field Search System

EPA's Bioremediation Field Initiative is pleased to announce the release of **Version 1.0** *of the* **Bioremediation in the Field Search System (BFSS),** *a new information-sharing resource for federal and state regulators, consulting engineers, industry personnel, and researchers interested in the field application of bioremediation.*



What is the Bioremediation in the Field Search System (BFSS)?

BFSS is a PC-based software product that provides access to a database of information on waste sites across the country where bioremediation is being tested or implemented, or has been completed. BFSS allows users to search the database electronically, view data on specific types of bioremediation sites, and print reports of selected information.

What type of information is in the BFSS database?

BFSS currently provides electronic access to information on over 160 bioremediation sites nationwide. The database spans both full-scale remediation efforts and treatability and feasibility studies, and covers sites under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Toxic Substances Control Act (TSCA), and Underground Storage Tank (UST) authority. Data include:

- Location—Region, state, and city or county
- Media—Soil, surface and ground water, sediments, and sludge
- Contaminants—Wood preserving wastes, petroleum, solvents, pesticides, and others
- Ex situ and in situ technologies—Reactor treatments, aerated lagoon treatment, land treatment, composting, air sparging, and bioventing
- Cost and performance—Capital and operation and maintenance costs, rate of contaminant degradation, and lowest contaminant concentration achieved

How does BFSS work?

Accessing information through BFSS is simple:

1. The user selects one or several search criteria from among contaminant and media being treated, technology, location, authority, or status of treatment operations.
2. BFSS retrieves a list of sites that match the criteria specified by the user.
3. The user views information about the sites on-line or prints site reports, which provide detailed records of information on each site.

Printed on paper that contains at least 50 percent recycled fiber.

BIOREMEDIATION
Field Initiative

A cooperative effort of the U.S. EPA's Office of Research and Development, Office of Solid Waste and Emergency Response, and regional offices, and other federal agencies, state agencies, industry, and universities to expand the nation's field experience in bioremediation technologies for Superfund and other contaminated sites.

How can I get a copy of BFSS?

BFSS is available on EPA's Alternative Treatment Technology Information Clearinghouse (ATTIC) (703-908-2138), Cleanup Information (CLU-IN) (301-589-8366), and Office of Research and Development (ORD) (513-569-7610) electronic bulletin board systems. The software is designed to be downloaded and operated off of a hard disk or a local area network (LAN). BFSS also is available on diskette from EPA's Center for Environmental Research Information (CERI). To request a copy of the system, call 513-569-7562. As a registered user, you will receive EPA's quarterly *Bioremediation in the Field* bulletin, as well as notices of system updates.

How can I contribute to the BFSS database?

The Bioremediation Field Initiative is continually adding new sites to the BFSS database. If you are aware of a site suitable for inclusion, please write to Susan Richmond, Eastern Research Group, Inc. (ERG), 110 Hartwell Avenue, Lexington, MA 02173 or fax to 617-674-2851. Once you provide information on a site, this information will be made available through BFSS to the community of users, and you will be given the opportunity to update the site status on a semiannual basis.

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