



Selected Alternative and Innovative Treatment Technologies for Corrective Action and Site Remediation

(A Bibliography of EPA Information Resources)

Fall Update
November 1993

New Publications Appear in Italics

A. Conferences and International Surveys

Forum on Innovative Hazardous Waste Treatment Technologies - Domestic and International (Abstract Proceedings):

First Forum, Atlanta, GA

EPA/540/2-89/055, PB90-268509

Second Forum, Philadelphia, PA

EPA/540/2-90/009, PB91-145649

Third Forum, Dallas, TX

EPA/540/2-91/016, PB92-233881

NATO/CCMS Project — International Evaluation of In Situ Bioremediation of Contaminated Soil and Groundwater.

EPA/540/2-90/012

Remedial Action, Treatment, and Disposal of Hazardous Waste: Proceedings of the 19th Annual RREL Hazardous Waste Research Symposium.

EPA/600/R-93/040

Workshop on Removal, Recovery, Treatment, and Disposal of Arsenic and Mercury

EPA/600/R-92/105, PB92-216944

B. Technology Survey Reports/Guidance

Advancing the Use of Treatment Technologies for Superfund Remedies. **OSWER Directive 9355.0-26, PB90-272659**

An Overview of UST Remediation Options

EPA/510/F-93/029

Approaches for Remediation of Uncontrolled Wood Preserving Sites.

EPA/625/7-90/011

Assessing UST Corrective Action Technology: A Scientific Evaluation of the Mobility of Organic Contaminants in Subsurface Environments

EPA/600/2-91/053

Assessment of Technologies for the Remediation of Radioactively Contaminated Superfund Sites.

EPA/540/2-90/001, PB90-204140

Cleaning Up the Nation's Waste Sites: Markets and Technology Trends.

EPA/542/R-92/012, PB93-140762

Contaminants and Remedial Options at Wood Preserving Sites.

EPA/600/R-92/182, PB92-232222

Controlling UST Cleanup Costs

EPA/500/F-92/001

Cost Guide for Remediation Equipment at UST Sites

EPA/510/9-93/004

B. Technology Survey Reports/Guidance (cont.)

Engineering Bulletin: Control of Air Emissions from Materials Handling During Remediation

EPA/540/2-91/023, PB92-180041

Engineering Bulletin: Design Considerations for Ambient Air Monitoring at Superfund Sites

EPA/540/S-92/012

Engineering Bulletin: Selection of Control Technologies for Lead Battery Sites

EPA/540/S-92/011

Engineering Bulletin: Technology Preselection Data Requirements

EPA/540/S-92/010, PB93-105591

Furthering the Use of Innovative Treatment Technologies in OSWER Programs.

OSWER Directive 9380.0-17, PB91-921366

Guide to Treatment Technologies for Hazardous Wastes at Superfund Sites.

EPA/540/2-89/052, PB89-190821

Guidance on Remedial Action for Superfund Sites with PCB Contamination.

EPA/540/G-90/007, PB91-921206

Handbook: Stabilization Technologies for RCRA Corrective Action.

EPA/625/6-91/026, PB92-114495

Handbook on In Situ Treatment of Hazardous Waste-Contaminated Soils.

EPA/540/2-90/002, PB90-155607

Innovative Operational Treatment Technologies for Applications to Superfund Sites (9 case studies).

EPA/540/2-90/006, PB90-202656

Innovative Treatment Technologies: Overview and Guide to Information Sources, October 1991.

EPA/540/9-91/002, PB92-179001

Innovative Treatment Technologies: Annual Status Report, Fifth Edition, September, 1993.

EPA/542/R-93/003

Innovative Processes for Reclamation of Contaminated Subsurface Environments.

****EPA/600/S2-90/017, PB90-199514**

On-Site Treatment of Creosote and Pentachlorophenol Sludges in Contaminated Soil.

****EPA/600/2-91/019, PB91-223370**

Procuring Innovative Technologies at Remedial Sites: Questions and Answers and Case Studies.

EPA/542/F-92/012, PB92-232388

Proceedings of the Symposium on Soil Venting

****EPA/600/R-92/174, PB93-122323**



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contains at least 50% recycled fiber

B. Technology Survey Reports/Guidance (cont.)

- Procuring Innovative Technologies at Removal Sites:
Questions and Answers and Case Studies.
EPA/542/F-92/013
- Remediation of Contaminated Sediments.
EPA/625/6-91/028
- Remediation Technologies Screening Matrix and Reference
Guide*
EPA/542/B-93/005
- Selection of Control Technologies for Remediation of Lead
Battery Recycling Sites. EPA/540/2-91/014, PB92-114537
- Seminar Publication - Corrective Actions: Technologies and
Applications. EPA/625/4-89/020
- Subsurface Contamination Reference Guide.
EPA/540/2-90/011, PB91-921292
- Summary of Treatment Technology Effectiveness for
Contaminated Soil - Final Report.
EPA/540/2-89/053, PB92-963351
- Superfund Engineering Issue—Treatment of Lead Contami-
nated Soils. EPA/540/2-91/009, PB91-921291
- Superfund Innovative Technology Evaluation Program—
SITE Program Fact Sheet.
OSWER Directive 9380.1-03AFS
- Superfund Land Disposal Restriction (LDR) Guides.
OSWER Directives 9347.3-01FS through 10FS
(Non-EPA parties should contact the RCRA/Super-
fund Hotline for PB numbers at 1-800-424-9346)
- Superfund Treatability Clearinghouse Abstracts.
EPA/540/2-89/001, PB90-119751
- Survey of Materials-Handling Technologies Used at Hazard-
ous Waste Sites. EPA/540/2-91/010, PB91-921283
- TCE Removal from Contaminated Soil and Ground Water.
**EPA/540/S-92/002, PB92-224104
- Technological Approaches to the Cleanup of Radiologically
Contaminated Superfund Sites.
EPA/540/2-88/002, PB89-122121
- Technologies and Options for UST Corrective Actions:
Overview of Current Practice.
EPA/542/R-92/010, PB93-145589
- Technologies of Delivery or Recovery for the Remediation of
Hazardous Waste Sites.
EPA/600/S2-89/066, PB90-156225
- Technology Screening Guide for Treatment of CERCLA Soils
and Sludges. EPA/540/2-88/004, PB89-132674
- Treatment of Lead-Contaminated Soils.
EPA/540/2-91/009, PB91-921291
- The Feasibility Study Development and Screening of
Remedial Action Alternatives.
OSWER Directive 9355.3-01FS3, PB90-274416
- The Superfund Innovative Technology Evaluation Program:
Technology Profiles (Fifth Edition).
EPA/540/R-92/077, PB92-224294

C. Treatability Studies

- Analysis of Treatability Data for Soil and Debris: Evaluation
of Land Ban Impact on Use of Superfund Treatment Tech-
nologies. OSWER Directive 9380.3-04, PB90-258476

C. Treatability Studies (cont.)

- Conducting Treatability Studies Under RCRA.
OSWER Directive 9380.3-09FS, PB92-963501
- Guide for Conducting Treatability Studies Under CERCLA:
Aerobic Biodegradation Remedy Screening.
EPA/540/2-91/013A&B, PB92-109065 & PB92-109073
- Guide for Conducting Treatability Studies Under CERCLA:
Biodegradation Remedy Selection.* EPA/540/R-93/519A
- Guide for Conducting Treatability Studies Under CERCLA:
Chemical Dehalogenation.
EPA/540/R-92/013A&B, PB92-169044 & PB92-169275
- Guide for Conducting Treatability Studies Under CERCLA
(Final). EPA/540/R-92/071A, PB93-126787
- Guide for Conducting Treatability Studies Under CERCLA:
Soil Vapor Extraction.
EPA/540/2-91/019A&B, PB92-227271(A) & PB92-231281(B)
- Guide for Conducting Treatability Studies Under CERCLA:
Soil Washing.
EPA/540/2-91/020A&B, PB92-170570 & PB92-170588
- Guide for Conducting Treatability Studies Under CERCLA:
Solvent Extraction. EPA/540/R-92/016A, PB92-239581
- Guide for Conducting Treatability Studies Under CERCLA:
Thermal Desorption Remedy Selection.*
EPA/540/R-92/074A, PB93-126597
- Regional Guide: Issuing Site-Specific Treatability Variances
For Contaminated Soils and Debris from Land Disposal
Restrictions (LDRS).
OSWER Directive 9380.3-08FS, PB92-963284
- The Remedial Investigation Site Characterization and
Treatability Studies.
OSWER Directive 9355.3-01FS2, PB90-274408
- Treatability of Hazardous Chemicals in Soils: Volatile and
Semi-Volatile Organics. ORNL-6451
- Treatability Potential for EPA Listed Hazardous Wastes in
Soil. EPA/600/2-89/011, PB89-166581
- Treatment Potential for 56 EPA Listed Hazardous Chemicals
in Soil. **EPA/600/6-88/001, PB89-174446
- Treatability Studies Under CERCLA: An Overview, 12/89.
OSWER Directive 9380.3-02FS, PB90-273970

D. Ground Water

- Behavior of Metals in Soils.
**EPA/540/S-92/018, PB93-131480
- Bioremediation of Aquifers Contaminated with Organic
Compounds. **EPA/600/J-88/078, PB89-103527
- Chemical Enhancements to Pump-and-Treat Remediation.
**EPA/540/S-92/001, PB92-180074
- Contaminant Transport in Fractured Media: Models for
Decision Makers. **EPA/540/4-89/004, PB90-268517
- Considerations in Groundwater Remediation at Superfund
Sites and RCRA Facilities—Update.
OSWER Directive 9283.1-06, PB92-963358
- Dense Nonaqueous Phase Liquids.
**EPA/540/4-91/002A, PB91-195974
- Dense Nonaqueous Phase Liquids—A Workshop Summary.
**EPA/600/R-92/030, PB92-178938

D. Ground Water (cont.)

Emerging Technologies: BioRecovery Systems Removal and Recovery of Metal Ions from Ground Water:

(Evaluation Report) **EPA/540/5-90/005A, PB90-252594**

(Data and Supporting Information)

EPA/540/5-90/005B, PB90-252602

Estimating Potential for Occurrence of DNAPL at Superfund Sites. ****EPA Publication 9355.4-07FS, PB92-963338**

Evaluation of Ground Water Extraction Remedies:

Vol. 1, Summary Report

EPA/540/G-89/054, PB90-183583

Vol. 2, Case Studies (Interim Final)

EPA/540/G-89/054B, PB90-274440

Vol. 3, General Site Data, Data Base Reports

(Interim Final) **EPA/540/G-89/054C, PB90-274457**

Evaluation of Soil Venting Application.

****EPA/540/S-92/004, PB92-232362**

Facilitated Transport (Issue Paper).

****EPA/540/4-89/003, PB91-133256**

Fundamentals of Ground Water Modeling.

****EPA/540/S-92/005, PB92-232354**

General Methods for Remedial Operation Performance Evaluation.

****EPA/600/R-92/002, PB92-166042**

Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites.

EPA/540/G-88/003, PB89-184618

In Situ Aquifer Restoration of Chlorinated Aliphatics by Methanotrophic Bacteria. **EPA/600/2-89/033, PB89-219992**

In Situ Bioremediation of Contaminated Ground Water.

****EPA/540/S-92/003, PB92-224336**

In Situ Treatments of Contaminated Ground Water: An Inventory of Research and Field Demonstrations and Strategies for Improving Ground-Water Remediation Technologies. **EPA/500/K-93/001, PB93-193720**

Opportunities for Bioreclamation of Aquifers Contaminated with Petroleum Hydrocarbons.

EPA/600/J-87/133, PB88-148150

Pump-and-Treat Ground Water Remediation Technology.

EPA/540/2-90/018, PB91-921356

Performance Evaluations of Pump-and-Treat Remediations.

****EPA/540/4-89/005, PB92-114461**

Reductive Dehalogenation of Organic Contaminants in Soils and Ground Water. ****EPA/540/4-90/054, PB91-191056**

TCE Removal From Contaminated Soil and Ground Water.

****EPA/540/S-92/002, PB92-224104**

E. Thermal Treatment

Applications Analysis Report: American Combustion Pyretron Destruction System.

EPA/540/A5-89/008, PB90-258427

Applications Analysis Report: SHIRCO Infrared Incineration System. **EPA/540/A5-89/010, PB90-233423**

Applications Analysis Report: Ogden Environmental Services, Inc.—Circulating Bed Combustor **EPA/540/MR-92/001**

E. Thermal Treatment (cont.)

Demonstration Bulletin: Outboard Marine Corporation Site—Soiltech Anaerobic Thermal Processor. **EPA/540/MR-92/078**

Demonstration Bulletin: Roy F. Weston, Inc.—Low Temperature Thermal Treatment System. **EPA/540/MR-92/019**

Demonstration Bulletin: Soiltech ATP Systems—Aostra Soil-Tech Anaerobic Thermal Process. **EPA/540/MR-92/008**

Engineering Bulletin: Mobile/Transportable Incineration Treatment. **EPA/540/2-90/014, PB91-228023**

Engineering Bulletin: Thermal Desorption Treatment. **EPA/540/2-91/008, PB91-228080**

Experience in Incineration Applicable to Superfund Site Remediation. **EPA/625/9-88/008**

High Temperature Thermal Treatment for CERCLA Waste: Evaluation and Selection of Onsite and Offsite Systems. **EPA/540/X-88/006**

F. Bioremediation

Anaerobic Biotransformation of Contaminants in the Subsurface ****EPA/600/M-90/024, PB91-240549**

A Field Evaluation of In Situ Biodegradation for Aquifer Restoration. **EPA/600/2-87/096, PB88-130257**

Applications Analysis Report: Biotrol, Inc.—Biotreatment of Wood Preserving Site Groundwater. **EPA/540/A5-91/001, PB91-227983**

Bioremediation Case Studies: Abstracts. **EPA/600/R-92/044, PB92-232347**

Bioremediation Case Studies: An Analysis of Vendor Supplied Data. **EPA/600/R-92/043, PB92-232339**

Bioremediation of Contaminated Surface Soils. ****EPA/600/9-89/073, PB90-164047**

Bioremediation of Hazardous Waste. **EPA/600/R-92/126**

Bioremediation Field Initiative Fact Sheets. **EPA/540/F-92/012**

Bioremediation Using the Land Treatment Concept ****EPA/600/R-93/164**

Bioremediation Resource Guide **EPA/542/B-93/004**

Bioremediation Resource Matrix **EPA/542/B-93/004A**

Demonstration Bulletin: Aqueous Biological Treatment System (Fixed Film Biodegradation). **EPA/540/M5-91/001**

Demonstration Bulletin: International Technology Corporation—Slurry Biodegradation. **EPA/540/M5-91/009**

Engineering Bulletin: Slurry Biodegradation. **EPA/540/2-90/016, PB91-228049**

Enhanced Bioremediation Utilizing Hydrogen Peroxide as a Supplemental Source of Oxygen: A Laboratory and Field Study. ****EPA/600/2-90/006, PB90-183435**

Interactive Simulation of the Fate of Hazardous Chemicals During Land Treatment of Oily Wastes: Ritz User's Guide. ****EPA/600/8-88/001, PB88-195540**

In Situ Bioremediation of Contaminated Unsaturated Subsurface Soils. ****EPA/540/S-93/501, PB93-234565**

F. Bioremediation (cont.)

In Situ Bioremediation of Ground Water and Geological Material: A Review of Technologies.

****EPA/600/SR-93/124, PB93-215564**

In Situ Bioremediation of Spills from Underground Storage Tanks: New Approaches for Site Characterization, Project Design, and Evaluation Performance.

EPA/600/2-89/042, PB89-219976

Leaking Underground Storage Tanks: Remediation With Emphasis on In Situ Bioremediation

****EPA/600/2-87/008, PB87-168084**

Mobility and Degradation of Residues at Hazardous Waste Land Treatment Sites at Closure.

****EPA/600/2-90/018, PB90-212564/A5**

Removal of Volatile Aliphatic Hydrocarbons in a Soil Bioreactor.

EPA/600/J-87/261, PB88-180393

The Federal Technology Transfer Act: Opportunities for Cooperative Biosystems Research with the U.S. EPA.

CERI-90-114

G. Soil Washing Treatment

Application Analysis Report: BioTrol, Inc.—Soils Washing System.

EPA/540/A5-91/003, PB92-115245

Cleaning Excavated Soil Using Extraction Agents: A State-of-the-Art Review.

EPA/600/2-89/034, PB89-212757

Demonstration Bulletin: Bergman USA—Soil/Sediment Washing System

EPA/540/MR-92/075

Engineering Bulletin: Soil Washing Treatment

EPA/540/2-90/017, PB91-228056

Field Studies of In Situ Soil Washing.

EPA/600/S2-87/110, PB88-146808

H. Physical/Chemical Treatment

Applications Analysis Reports:

- AWD Technologies—In Situ Vapor Extraction and Steam Vacuum Stripping **EPA/540/A5-91/002, PB92-218379**
- Chemfix Technologies, Inc.—Chemical Fixation/Stabilization **EPA/540/A5-89/011, PB91-187054**
- Babcock and Wilcox Cyclone Furnace **EPA/540/AR-92/017, PB93-122315**
- The Carver Greenfield Process—Dehydrotech Corporation **EPA/540/AR-92/002, PB93-101152**
- CF Systems Corp.—Organics Extraction System **EPA/540/A5-90/002, PB91-113845**
- DuPont/Oberlin—Microfiltration Technology **EPA/540/A5-90/007, PB92-119023**
- HAZCON—Solidification Process, Douglassville, PA **EPA/540/A5-89/001, PB89-206031**
- Horsehead Resource Development Co., Inc.—Flame Reactor Technology **EPA/540/A5-91/005, PB92-213214**
- In Situ Steam/Hot Air Stripping Toxic Treatments **EPA/540/5-90/008, PB91-181768**
- International Waste Technologies/GeoCon—In Situ Stabilization/Solidification **EPA/540/A5-89/004, PB90-269085**
- McColl Superfund Site—Demonstration of a Trial Excavation **EPA/540/AR-92/015, PB93-100121**

H. Physical/Chemical Treatment (cont.)

- Retech, Inc.—Plasma Centrifugal Furnace (Final Report) **EPA/540/A5-91/007, PB92-218791**
 - Soliditech, Inc.—Solidification/ Stabilization Process* **EPA/540/AR-92/010, PB93-172948**
 - Silicate Technology Corporation—Solidification/Stabilization Organic/Inorganic Contaminants **EPA/540/MR-92/010**
 - Terra Vac—In Situ Vacuum Extraction System **EPA/540/A5-89/003, PB90-119744**
 - Ultrox International—Ultraviolet Ozone Treatment for Liquids **EPA/540/A5-89/012, PB91-129759**
- Demonstration Bulletins:
- Toronto Harbour Commisioners—Soil Recycling Treatment Train **EPA/540/MR-92/015**
 - SBP Technologies, Inc.—Membrane Filtration **EPA/540/MR-92/014**
 - Resources Conservation Co.—The Basic Extractive Sludge Treatment (B.A.S.I.C.) **EPA/540/MR-92/079**
- Engineering Bulletins:
- Chemical Dehalogenation **EPA/540/2-90/015, PB91-228031**
 - Chemical Oxidation Treatment **EPA/540/2-91/025, PB92-180066**
 - *Granular Activated Carbon* **EPA/540/2-91/024, PB92-180058**
 - In Situ Soil Flushing **EPA/540/2-91/021, PB92-180025**
 - In Situ Soil Vapor Extraction **EPA/540/2-91/006, PB91-228072**
 - In Situ Steam Extraction **EPA/540/2-91/005, PB91-228064**
 - *Solidification/Stabilization of Organics and Inorganics* **EPA/540/S-92/015**
 - Solvent Extraction Treatment **EPA/540/2-90/013, PB91-228015**
 - Supercritical Water Oxidation **EPA/540/S-92/006, PB92-224088**
- Battelle Memorial Institute—Development of Electro-Acoustic Soil Decontamination (ESD) Process for In Situ Applications. **EPA/540/5-90/004**
- Bio-Recovery Systems—Removal and Recovery of Metal Ions from Groundwater. **EPA/540/5-90/005A**
- Comprehensive Report on the KPEG Process for Treating Chlorinated Wastes. **PB90-163643**
- Evaluation of BEST™ Solvent Extraction Sludge Treatment Technology 24 Hour Test. **EPA/600/S2-88/051, PB88-245907**
- Hyperventilate-A software guidance created for vapor extraction systems (Brochure).* **EPA/510/F-93/0001**
- Vitrification Technology for the Treatment of Hazardous and Radioactive Waste. **EPA/625/R-92/002, PB92-201110**
- Innovative Technology: In Situ Vitrification. **OSWER Directive 9200.5-251FS, PB90-274192**
- Laboratory Study on the Use of Hot Water to Recover Light Oily Wastes from Sands.* **EPA/600/R-93/021, PB93-167906**
- Radio Frequency Enhanced Decontamination of Soils Contaminated with Halogenated Hydrocarbons. **EPA/600/2-89/008, PB91-161764**

H. Physical/Chemical Treatment (cont.)

- Soil Vapor Extraction Technology: Reference Handbook.
EPA/540/2-91/003, PB91-168476
- State of Technology Review: Soil Vapor Extraction Systems.
EPA/600/2-89/024, PB89-195184
- Technology Evaluation Report: U.S. EPA, RREL: Debris
Washing System. EPA/540/5-91/006a

I. Technical Support

- Ground Water Research - Technical Assistance Directory.
EPA/600/9-89/048
- Hazardous Substance Research Centers Program: Pro-
gram—Summary, FY 1991. 21R-1005
- Innovative Hazardous Waste Treatment Technologies: A
Developers Guide to Support Services. EPA/540/2-91/012
- ORD Technical Assistance Directory (Revised). EPA/600/K-
93/006
- ORD Topical Directory. EPA/600/9-86/006
- OSWER Source Book for Training and Technology Transfer.
PB92-102169
- Technical Support Services for Superfund Site Remediation
and RCRA Corrective Action. EPA/540/8-91/091
- U.S. Bureau of Reclamation Assistance to the Superfund
Program. OSWER Directive 9355.15FS, PB91-921319
- Use of Office of Research and Development's Bioremedia-
tion Expertise in Superfund Removal Program.
OSWER Directive 9380.4-01, PB90-249798

J. Community Relations

- A Citizen's Guide To:
- Innovative Treatment Technologies for Contaminated
Soils, Sludges, Sediments, and Debris
EPA/542/F-92/001
 - How Innovative Treatment Technologies Are Being
Successfully Applied at Superfund Sites
EPA/542/F-92/002
 - Soil Washing
EPA/542/F-92/003
 - Solvent Extraction
EPA/542/F-92/004
 - Glycolate Dehalogenation
EPA/542/F-92/005
 - Thermal Desorption
EPA/542/F-92/006
 - In Situ Soil Flushing
EPA/542/F-92/007
 - Bioventing
EPA/542/F-92/008
 - Using Indigenous and Exogenous
Microorganisms in Bioremediation
EPA/542/F-92/009
 - Air Sparging
EPA/542/F-92/010
 - Fact Sheet
EPA/542/F-92/011
- Citizens Guide to Understanding Innovative Technologies (A
listing of all Citizens Guides, including those available in
Spanish)* EPA/542/F-92/026
- Understanding Bioremediation: A Guidebook for Citizens.
EPA/540/2-91/002

K. Bulletin Board System/Databases

Alternative Treatment Technology Information Center (ATTIC): a comprehensive automated bibliographic refer-
ence that integrates existing hazardous waste data into a
unified, searchable resource. The on-line access number for

K. Bulletin Board System/Databases (cont.)

- ATTIC is (301) 670-3808. The system operator can be
reached at (301) 670-6294.
- Hazardous Waste Superfund Data Collection:** a biblio-
graphic data base for the EPA Headquarters Library
Collection on the subject of hazardous waste available
through the EPA Library Network. For more information,
contact Felice Sacks (Labatt-Anderson), EPA Headquarters
Library, (202) 260-3021.
- Records of Decision System (RODS):** an on-line data
base which contains the full-text of Records of Decisions for
Superfund hazardous waste sites. The number for RODS
support staff is (703) 538-7590.
- The Clean-Up Information Bulletin Board (CLU-IN):** a
publicly accessible, on-line computer system that fosters
technology transfer and facilitates communication among
those involved in solid and hazardous waste clean-up. The
on-line access number for CLU-IN is (301) 589-8366. The
system operator can be reached at (301) 589-8368.
- Vendor Information System for Innovative Treatment
Technologies (VISITT):** a data base developed by EPA to
provide current information on vendors of innovative
treatment technologies. To order, fax or mail a request to
NCEPI (information listed on final page). For other informa-
tion, contact VISITT HOTLINE at 800-245-4505 or 703-883-
8448. Version 2.0 is now available and is updated annually
each Spring.

L. Technology Newsletters

- Tech Trends** (a newsletter on applied technologies for
Superfund removals and remedial actions and for RCRA
corrective action.)
- | | |
|--------------|------------------|
| January 1993 | EPA/542/N-93/001 |
| May 1993 | EPA/542/N-93/005 |
| August 1993 | EPA/542/N-93/007 |
- Bioremediation in the Field** (a newsletter on applications
of bioremediation technologies under EPA's Bioremediation
Field Initiative.)
- | | |
|--------------|------------------|
| October 1992 | EPA/540/N-92/003 |
| May 1993 | EPA/540/N-93/001 |
| August 1993 | EPA/540/N-93/002 |
- Ground Water Currents** (a newsletter on developments in
innovative ground water treatment for Superfund Remedi-
ation and RCRA corrective action.)
- | | |
|----------------|------------------|
| March 1993 | EPA/542/N-93/003 |
| June 1993 | EPA/542/N-93/006 |
| September 1993 | EPA/542/N-93/008 |

M. The Federal Remediation Technologies Roundtable

- Accessing Federal Data Bases for Contaminated Site Clean-
Up Technologies (Third Edition).* EPA/542/B-93/008
- Federal Publications on Alternative and Innovative Treat-
ment Technologies for Corrective Action and Site Remedi-
ation (Third Edition).* EPA/542/B-93/007
- Mission Statement.* EPA/542/F-93/006
- Synopses of Federal Demonstrations of Innovative Site
Remediation Technologies (Third Edition).* EPA/542/B-93/009

OSWER DIRECTIVES—EPA PERSONNEL ONLY:

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AND OSWER DIRECTIVES FOR NON-EPA PARTIES:**

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PUBLICATIONS WITH EPA/530 NUMBERS:

RCRA Docket and Information
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(202) 260-9327

**PUBLICATIONS WITH EPA/510, 540, 542, 600, AND 625
NUMBERS (Single copies are available free of charge while
supplies last. Out-of-stock documents must be ordered from
NTIS):**

National Center for Environmental Publications and
Information (NCEPI)
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Cincinnati, OH 45242
(FAX Orders Only) (513) 891-6685

**** PUBLICATIONS AVAILABLE FROM EPA/ADA, OK:**

Subsurface Remediation Information Center
R.S. Kerr Environmental Research Laboratory
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 **Selected Alternative and Innovative Treatment
Technologies for Corrective Action and Site Remediation**

(A Bibliography of EPA Information Resources)

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