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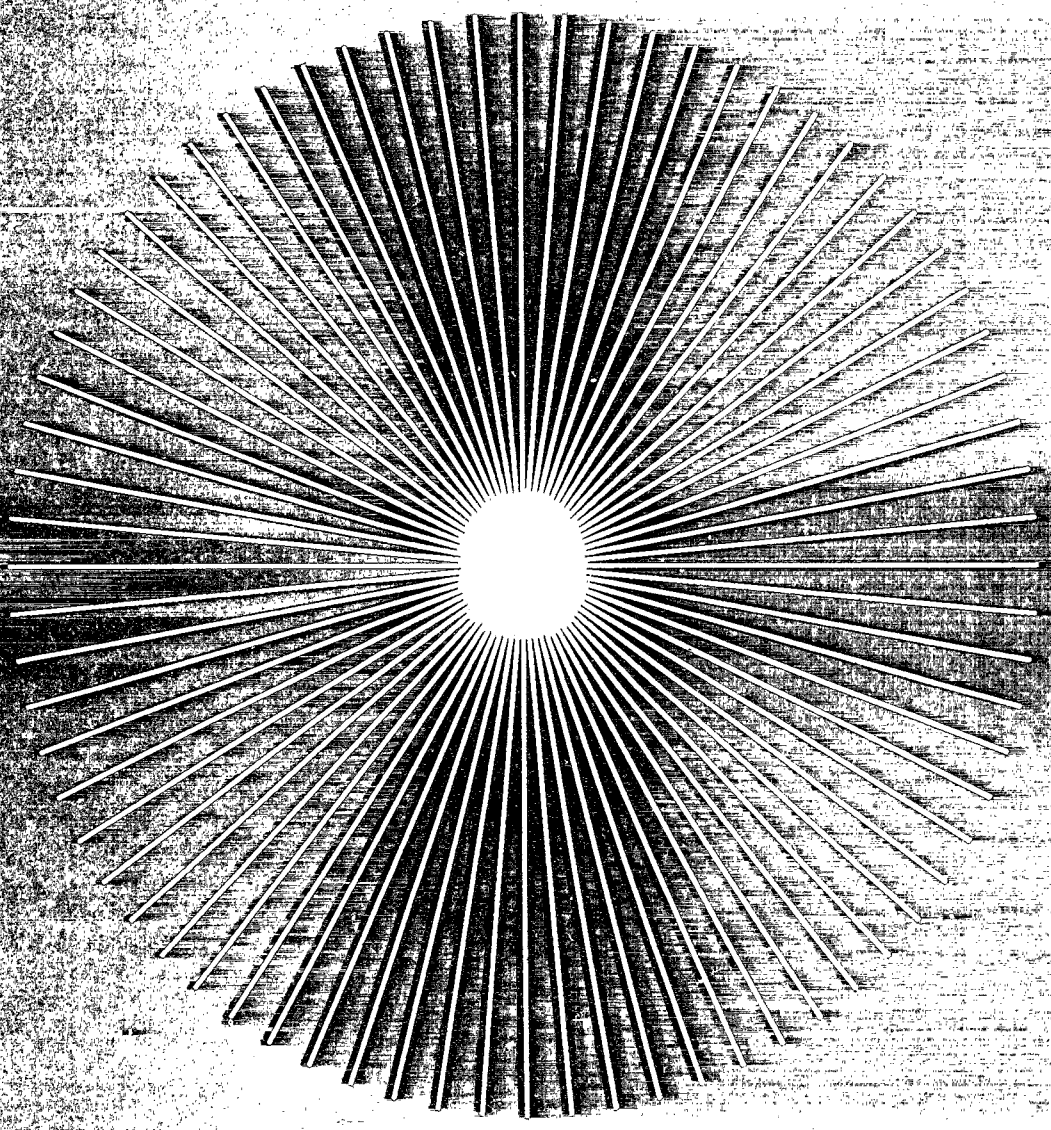
Superfund

EPA

Technical Support Services for Superfund Site Remediation

Interim Directory



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HOW TO GET HELP . . .

Use this chart to identify the programs that offer expertise in your area of concern. If you can find a description of the type of service or assistance you need, call the contact person directly. To initiate a technical assistance request, contact the appropriate center directly to discuss specific technical questions and the nature of the assistance required. If you're not sure whom to call, try contacting one of your Regional contacts listed in Appendix A, beginning on page 19. If you cannot find someone quickly, call Rich Steimle in OSWER's Technology Innovation Office at FTS 382-7914; he'll get you connected with the right source.

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This directory was developed by Ronald G. Wilhelm of the Technology Staff in the Office of Solid Waste and Emergency Response. Appreciation and thanks to Regional staff and the Office of Research and Development for review and comments. In addition, special thanks to Environmental Management Support, Inc., for their aid in preparing this directory.

This document has been reviewed by the U.S. Environmental Protection Agency and approved for publication. Mention of trade names or commercial products does not constitute endorsement or recommendation for use.

Questions or comments on this document should be directed to:

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401 M Street, S. W.
Washington, DC 20460

Preface

Technical assistance is a priority in the Superfund program and a highlight of the Administrator's 90-Day Management Review of Superfund. The Office of Solid Waste and Emergency Response and the Office of Research and Development provide numerous opportunities for technical assistance—some multi-faceted and others directed to specific topics. This Interim Directory of Technical Support Services was prepared in response to the Administrator's Review and the need to make such technical assistance more widely available.

The goal of this Directory is to enable EPA field staff to quickly identify the existing technical support services that will be most useful for their specific problem. Rather than an exhaustive inventory of all sources of technical information, this Directory highlights the significant OSWER and ORD technical assistance programs—those that have procedures in place to process requests for assistance (*e.g.*, answering a technical question, providing staff to work on the problem, or referring callers to the appropriate source). The Directory will allow users to access the most information with the least effort.

A revision to this Directory is planned in late spring 1990 to better integrate the many sources of technical and policy assistance from throughout OSWER and ORD.

Walter W. Kovalick, Jr.

Walter W. Kovalick, Jr., Ph.D.
Acting Director
Technology Innovation Office

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Technical Support Sources

Technical Support Project (TSP)

Monitoring and Site Characterization Technical Support Center
Environmental Monitoring Systems Laboratory, Las Vegas (EMSL-LV)

Contact: Shelly Evans
FTS 545-2270 or (702) 798-2270

EMSL, Las Vegas, Nevada, provides scientific and technical assistance in contaminant detection, hydrologic monitoring, site characterization, sample analysis, data interpretation, and geophysics. Services include:

- Saturated and unsaturated zone monitoring
- Remote sensing, mapping, and geostatistics
- Analytical methods and quality assurance
- Bore-hole and surface geophysics
- X-ray fluorescence field survey methods

Ground-Water Fate and Transport Technical Support Center
Robert S. Kerr Environmental Research Laboratory (RSKERL)

Contact: Dick Scalf
FTS 743-2308 or (405) 332-8800

RSKERL, Ada, Oklahoma, is EPA's center for fate and transport research, focusing its efforts on transport and fate of contaminants in the vadose and saturated zones of the subsurface,

The TSP is made up of six Technical Support Centers and two Technical Support Forums. It is a joint service of the Office of Solid Waste and Emergency Response, the Office Research and Development, and the Regions. The TSP offers direct site-specific technical assistance to OSCs and RPMs and develops technology workshops, issue papers, and other information for Regional staff. The TSP:

- *Reviews contractor work plans, evaluates remedial alternatives, reviews RI/FS, assists in selection and design of final remedy*
- *Offers modeling assistance and data analysis and interpretation*
- *Assists in developing and evaluating sampling plans*
- *Conducts field studies (soil gas, hydrogeology, site characterization)*
- *Develops technical workshops and training, issue papers on ground-water topics, generic protocols*
- *Assists in performance of treatability studies*

methodologies relevant to protection and restoration of ground-water quality, and evaluation of subsurface processes for the treatment of hazardous waste. The Center provides technical assistance such as evaluating remedial alternatives; reviewing RI/FS and RD/RA workplans; and providing technical information and advice in:

- Pump and treat technology for aquifer remediation
- *In situ* biorestoration of soils
- Subsurface geochemistry
- Contaminant transport modeling
- Subsurface contaminant transformation

Subsurface Remediation Information Clearinghouse
Contact John Matthews at RSKERL at FTS 743-2233.

The Subsurface Remediation Information Clearinghouse was established at RSKERL to provide for transfer of up-to-date subsurface fate, transport, and remediation research and demonstration information. The Clearinghouse's technical information specialists locate, assess and document pertinent information sources, including planned, active, or completed subsurface remediations. This information is used in the development and maintenance of four specific databases:

- Soil transport and fate database
- Subsurface remediation literature database
- Biotechnology/bioremediation practitioners database
- Subsurface remediation database

International Ground-Water Modeling Center (IGWMC)
Contact Margaret Butorac at (317) 283-9458

RSKERL also supports the operation of the International Ground-Water Modeling Center (IGWMC) at the Holcomb Research Institute in Indianapolis, Indiana. IGWMC collects and disseminates information about ground-water modeling software. The Center compiles databases of descriptions of ground-water models and offers courses and seminars on the theory and application of ground-water models.

Exposure and Ecorisk Assessment Technical Support Center
Environmental Research Laboratory, Athens (ERL-Athens)

Contact: Bob Ambrose
(FTS) 250-3130 or (404) 546-3130

ERL, Athens, Georgia, emphasizes multimedia exposure and risk assessment modeling of remedial action alternatives. An electronic bulletin board has been established to disseminate models and databases and to exchange modeling information. The technical support services include:

- Models, databases, and analytical techniques
- Multimedia modeling of organic chemical and heavy metal pollutant fate
- Soil/water and surface water/sediment systems
- Ecological impact and ecorisk assessments

Center for Exposure Assessment Modeling (CEAM)
Contact Bob Ambrose (FTS) 250-3130 or (404) 546-3130

CEAM offers state-of-the-art exposure assessment technology and models for environmental risk-based decisions. CEAM provides:

- Assistance in site-specific problem definition and predictive techniques for assessing metals and chemical pathways
- Training and assistance to Regional Superfund staff in exposure and ecorisk assessments
- Distribution of models and databases
- Expert witness testimony and exposure calculations and assessments for especially difficult or unusual scenarios, peer review of exposure and ecorisk assessments

Environmental Response Team Technical Support Center
Environmental Response Team (ERT)

Contact: Joseph Lafornara
FTS 340-6740 or (201) 321-6740

ERT, Edison, New Jersey, provides support in responding to releases of hazardous waste, chemicals, and oil. ERT also provides support in risk assessment, multi-media sampling and analysis, health and safety, cleanup techniques, and training for response personnel. Services include:

- Response techniques for emergency hazardous chemical releases
- Treatment technologies, sampling plans, and contaminant assessment
- Technical review for remedial and removal technology, safety, and preparedness
- Hazardous Materials Incident Response Training Program
- Site-safety plans, personnel protection, and safety

Health and Risk Assessment Technical Support Center
Environmental Criteria and Assessment Office-Cincinnati (ECAO-Cin)

Contact: Chris DeRosa
FTS 684-7534 or (513) 569-7534

ECAO, Cincinnati, Ohio, provides rapid turnaround support in the assessment of Superfund health and risk issues. The TSC at ECAO-Cin:

- Provides chemical-specific health information
- Answers questions on the *Risk Assessment Guidance for Superfund (RAGS) Human Health Evaluation Manual*
- Develops interim and default approaches for issues related to risk assessment for Superfund sites
- Reviews site-specific Superfund risk assessments
- Develops, in cooperation with Superfund staff, site-specific and health-based trigger or cleanup levels for a contaminant
- Assists Regions in the identification of surrogate cleanup levels based on risk to human health

Engineering and Treatment Technical Support Center
Risk Reduction Engineering Laboratory, Cincinnati, OH

(see description on page 5)

Ground-Water and Engineering Technical Support Forums

Technical Support Forums are comprised of one or more technical specialists, RPMs or OSCs from each of EPA's ten Regions. Two Forums have been established to date: *Ground-Water Fate and Transport*, and *Engineering and Treatment*. Forum members provide information to OSCs and RPMs in their Regions regarding TSP efforts, research undertaken by the Centers, and problems and successes experienced by other Regions including the application of remedial technologies at Superfund sites. Forum representatives:

- Channel communications among the Regions, TSCs, headquarters personnel, and existing EPA technical programs
- Increase the transfer of information among the Centers and the Regions
- Act as a technical resource to the Regions and the Centers
- Route technical assistance information to Regional colleagues

Consult Appendix A, Regional Contacts, for the names and numbers of the Forum Members in your Region.

Engineering Programs and Treatability Studies

Ben Blaney: FTS 648-7406

EPA's Risk Reduction Engineering Laboratory offers to the Regions three engineering technical assistance programs:

- Engineering and Treatment Technical Support Center
- Treatability Assistance Program (TAP)
- Superfund Technical Assistance Response Team (START)

The Engineering and Treatment Technical Support Center and the Superfund Technical Assistance Response Team (START), both handle site-specific remediation engineering problems for RPMs. The Treatability Assistance Program is intended to enhance RPMs' knowledge of treatment technologies and of how to conduct treatability studies through technology transfer activities and the augmentation of EPA's in-house treatability study capabilities.

RREL offers expertise in contaminant source control structures; materials handling and decontamination; treatment of soils, sludges, and sediments; and treatment of aqueous and organic liquids. The following are examples of the technical assistance that can be obtained through RREL:

- Review of treatability aspects of RI/FS
- Review of RI/FS treatability study workplans and final reports
- Oversight of RI/FS treatability studies
- Review of treatability RFPs
- Definition of alternative remedies
- Assistance with studies of innovative technologies
- Assistance in full-scale design and start-up

Engineering and Treatment Technical Support Center

The Engineering and Treatment Technical Support Center plans and conducts engineering research and development related to treatment of solid and hazardous wastes. The Center is intended to supply quick-response technical assistance on focused, site-specific problems.

Treatability Assistance Program

The Treatability Assistance Program offers the following types of technology transfer support:

- List of available contractors to perform treatability studies
- Generic and technology-specific treatability study protocols (in preparation)
- Comprehensive database of all aqueous treatability studies
- Brief Treatment Technology Bulletins describing the applicability of various technologies

To obtain any of these lists or documents, contact Joan Colson (FTS 684-7501).

Laboratory in-house treatability study capabilities cover soils and liquid streams. There are facilities for solidification, incineration, and chemical treatment studies of soils and incineration and chemical/physical/biological treatment of liquids. Facilities for conducting studies of extraction and biological treatment of soils are being developed.

Superfund Technical Assistance Remedial Technology (START)

The Superfund Technical Assistance Remedial Technology (START) team will provide technical support on Superfund site remediation from point of initial site evaluation through post-ROD design phases of remedial actions. START provides a long-term commitment of ORD engineering expertise (from RI/FS work plan development through 30% remedial design) as part of the technical assistance team for remediation of a particular site. Sites to receive START assistance are identified by Regional management.

Toxics Integration Branch

David Bennett: FTS 475-9486

The Toxics Integration Branch (TIB) coordinates development of Superfund guidance, databases, technical assistance networks and program Directives relating to the (1) conduct of baseline health and environmental risk assessment; (2) development of risk information for remedial alternatives; and (3) use of risk information in establishing remediation goals during the remedy selection process. In addition to providing guidance in the above areas, TIB can assist the Regions in resolving conflicts with the Agency for Toxic Substance and Disease Registry and in developing risk-related training programs for Regional, state, or contractor staff. TIB has established a network of Regional Toxics Integration Coordinators that can assist program staff on related matters at the Regional level.

Consult Appendix A, Regional Contacts, for the Toxics Integration Coordinator in your Region.

Superfund Technical Liaison Program (STLP)

David Klauder: FTS 382-7667

An ORD Technical Liaison will be placed in the Hazardous Waste Management Division of interested Regions to serve as a general ORD point of contact for questions from Regional Emergency Response, Removal and Remedial, Enforcement, and Environmental Services personnel. STLP representatives in the Regions will serve as brokers of technical support services to put requestors in touch with suppliers.

For information on the program, contact David Klauder at EPA headquarters.

Air/Superfund Coordination Program

Joseph Padgett: FTS 629-5589 or (919) 541-5589

Regional Air Offices review RODs for air impacts due to remediation. The Air/Superfund Coordination program is designed to help RPMs design ways to mitigate air impacts at Superfund sites, provide Air Office liaisons to Regional Superfund offices, and provide technical assistance and recommendations

The Air/Superfund Coordination Program offers:

- Direct support: site evaluation, remedy selection, modeling assistance, monitoring, air pollution control devices
- Support services: interprogram coordination, training, resolving interprogram issues
- National Technical Guidance Studies (NTGS) to improve quality and consistency of procedures and data collection. The four-volume set covers baseline air emissions, air emissions from remediation, modeling and monitoring protocols, air pathway analysis procedures, and remediation field support procedures. EPA personnel may request a copy of the NTGS from PEI Associates, Inc. at (919) 688-6338.

Consult Appendix A, Regional Contacts, for the Air/Superfund Coordinator in your Region.

Chemical Assessment Desk (CAD)

Elaine Surino: FTS 382-3544

The Chemical Assessment Desk, operated by the Office of Toxic Substances, provides technical consultation and information on chemical risk-related issues to EPA Program Offices, Regions, and State and local agencies.

CAD offers a single contact point to:

- Consult on risk assessment and risk management activities for chemicals that have been evaluated in the OTS Existing Chemical Program
- Obtain assistance in identifying risk assessment activities in other EPA offices and Federal agencies
- Obtain estimates of toxicity and environmental fate based on structure-activity relationships
- Help identify unpublished information submitted to OTS
- Obtain comments on technical aspects of non-OTS evaluations and risk assessments

To access the Chemical Assessment Desk, contact

- Elaine Surino FTS 382-3544
- Stefana Mazarazza FTS 382-3508

Headquarters Contacts for Regions

Regional Response and Removal Coordinators

Regional Coordinators for response and removal, located at Headquarters, provide the Regions with on-going support from early response and RI/FS scoping through post-ROD activities, and provide a national quality assurance program.

There are five groups of Coordinators: 1) Removal and Expedited Response Action Coordinators; 2) RI/FS and ROD Regional Coordinators; 3) Design and Construction Consultants; 4) RODs, Remedy Selection, and Unilateral Enforcement Coordinators; and 5) RD/RA and Settlement Coordinators.

Consult Appendix B, Headquarters Contacts, for the name and number of the Coordinator to your Region.

Federal Facilities Coordinators

Federal Facility Coordinators provide policy information and guidance documents to Regional Staff concerned with hazardous waste sites at DOD, DOE, and other Federal facilities.

Consult Appendix A, Regional Contacts, for the Federal Facility Coordinator in your Region.

Specialty Area Experts

As a follow-up to the Superfund Management Review, the entire concept of Regional Coordinators is being evaluated. The role of Regional Coordinators and "Specialty Area Experts," who have particular expertise in areas such as risk assesment, ARARS, or accelerated contract procedures, are being redefined. These will be described in the next update to this directory.

Automated Information Systems

1. **OSWER Electronic Bulletin Board (OSWER BBS)**
   Contact: Jim Cummings FTS 382-4686

   The OSWER Electronic Bulletin Board System (BBS) facilitates communication and the dissemination of information among EPA staff in Regional offices, headquarters, and research laboratories.

   To use the OSWER BBS you need a personal computer or terminal, a modem, and a communications program. To access the OSWER BBS, dial (202) 589-8366 or (301) 589-8366 after setting your CrossTalk parameters to 8 data bits, 1 stop bit, and no parity. Choose your own password, complete an on-line registration questionnaire and in 24 hours you'll be a registered user with full access to all features of the system. The BBS is available to EPA staff and current contractors and State and Federal agency personnel.

   Major features of the OSWER BBS include:

   - Information Bulletins
   - Message Exchange
   - File Exchange
   - Technical Publication Ordering
   - On-line Databases and Directories

2. **RODS Database**
   Contact: Caroline Roe FTS 475-9754

   RODS is an automated database containing Superfund Records of Decision (ROD), which describe the planned course of action to clean up a site. The database, installed on a mainframe at EPA's National Computer Center in Research Triangle Park, allows searching for selected information from ROD documents or NTIS Abstracts.

   Access is via modem from a PC. Register through the RODS Hotline at (202) 252-0056.

3. **Integrated Risk Information System (IRIS)**
   Contact: Linda Tuxen FTS 475-6743

   IRIS contains health risk data, bibliographic and textual information on risk management, water quality criteria, and drinking water standards. It is available on-line through EPA's electronic mail system (E-MAIL).

   To access IRIS through E-MAIL, after signing on, type "IRIS" at the ">" prompt.

4. **Alternative Treatment Technology Information Center (ATTIC)**
Contact: Michael Mastracci FTS 475-8933

The ATTIC system is designed to provide technical information on alternative methods of hazardous waste treatment. ATTIC is available through any modem-equipped IBM compatible PC using standard communications software. The on-line system allows the experienced user to conduct searches and download technical information without going through the ATTIC system operator. The ATTIC system operator is available to respond to information requests from users that do not have communications capabilities or do not wish to conduct their own searches. The core of the ATTIC system is the ATTIC Database, a keyword driven system that contains technical information in the form of abstracts or report summaries from a variety of sources including the SITE Program, States, industry, NATO, DOD/DOE, RODS, and Treatability Studies.

Other databases contained in the ATTIC system that can be directly accessed by a user include the:

- RREL (Water) Treatability Database
- RSKERL Soil Transport and Fate Database
- EPA Library Hazardous Waste Collection Database
- Cost of Remedial Action Model
- Geophysics Advisor Expert System

Access to the on-line ATTIC system is controlled by a log-in ID and password available from the ATTIC system operator. Technical information requests can also be made directly to the system operator. The ATTIC system operator can be reached at (301) 816-9153.

Also accessible through ATTIC is the:

Computerized On-Line Information Systems (COLIS)

COLIS is a part of RREL's Technical Information Exchange (TIX). The three COLIS databases currently in operation are listed below.

- Case History File: Information on site characteristics, response methods, costs, and cleanup problems related to spills, waste sites, and underground storage tank management
- Library Search System: Free-form searching through catalog cards and full length abstracts of documents in the TIX library. Users may conduct literature searches using their own keywords—they are not limited to a standard set of keywords
- SITE Application Analysis Report File: Free-form searching of reports containing cost and performance data gathered from EPA's SITE Demonstration Program. The reports are on-line in their entirety

5. **Commercial Databases** searchable free of charge by EPA HQ and Regional Librarians: DIALOG, Chemical Information System, and BRS Search Services are examples of commercial databases that abstract information relevant to EPA's hazardous and solid waste programs. Other commercial databases, including legal systems are also available. For more information, contact your Regional librarian.

6. **Expert Resources Inventory System (ERIS)**
   Contact: Kurt Lamber FTS 382-4831

   The Expert Resource Inventory System, maintained by the Office of Waste Programs Enforcement (OWPE), is a searchable database that contains resumes in summary form and information on qualifications, area of expertise, and previous experience of specialists available as expert witnesses or consultants to support hazardous waste enforcement actions. The database may be accessed by EPA and Department of Justice staff upon request. The database had been classified as "enforcement confidential" and is protected under the Privacy Act of 1974. Hard copies of complete resumes and other supporting documents are maintained in a parallel file in OWPE. Plans are underway to make ERIS available to authorized users on the OSWER Electronic Bulletin Board.

7. **Hazardous Waste Collection Database (HWCD)**
   Contact: Jennifer Little FTS 382-5934

   The HWCD is a bibliographic database containing abstracts of EPA and other government agency reports, commercial books, policy and guidance directives, legislation, and regulations concerning hazardous waste that is searchable by subject. A database thesaurus is available to aid users in designing efficient searches.

Publications

1. ***Catalog of Superfund Directives*** OSWER Directive 9200.7-01 - July 1988 (61 pages)
   The Catalog provides a reference to policy, procedural, and technical directives governing the Superfund program. Regular supplements are planned. Publications abstracted must be obtained from the issuing office. Regional and HQ libraries also have copies. Copies of the Catalog may be obtained from the Superfund Docket at (202) 382-6940 or FTS 382-6940.

2. ***OSWER Directives - System Catalog*** OSWER Directive 9013.15-3D (30 pages)
   Provides a list of OSWER Directives published through June 1988.

   Each Region also has an OSWER Directive Coordinator. Consult Appendix A, Regional Contacts, for the name and number of the Directives Coordinator in your Region.

3. ***Superfund Risk Assessment Information Directory*** OSWER Directive 9285.6-1 (202 pages). Publication number EPA/540/1-86/061

   The directory identifies and describes sources of information useful in conducting risk assessments. The directory covers sources of information to aid in hazard identification, dose-response assessments, exposure assessments, and risk characterization. Available from CERI (513) 569-7391 or FTS 684-7391.

4. ***Annotated Technical Reference for Hazardous Waste Sites***
   Contact: Office of Waste Programs Enforcement (OWPE)
   CERCLA Compliance Branch FTS 475-8259

   This reference, though still in draft, provides information on 14 common site types: asbestos, battery recycling/lead, dioxins, landfills, metals, mining wastes, mixed waste, multi-source ground water, munitions, PCBs, pesticides, plating, solvents, and wood preserving. Other information is directed at ARARs, risk assessments, and summaries of typical site characteristics. The reference provides access to technical expertise through lists of Regional technical experts and technical references.

5. ***CERCLA Administrative Records: Compendium of Frequently Used Guidance Documents in Selecting Response Actions***
   Contact: Office of Waste Programs Enforcement (OWPE)
   CERCLA Guidance and Oversight Branch FTS 475-6770
   or Regional Administrative Records Coordinator

   This reference (sent to Regions May 22, 1989) serves as a central library of guidance documents in each Region. This also saves resources by avoiding the need to copy such documents for each administrative record.

Other Sources of Information

1. **Center for Environmental Research Information (CERI)**
   Contact: Fran Kremer FTS 684-7391

   CERI develops publications, expert systems, and computer-assisted training and conducts training seminars in support of EPA programs including Superfund. Some CERI publications can be ordered on-line through the OSWER Electronic Bulletin Board. ORD is soon going to have its own electronic bulletin board with over 15,000 searchable abstracts of all ORD publications.

2. **National Association of RPMs**
   Contact: William Rowe, EPA Region VI, FTS 255-6730 or (214) 655-6730

   NARPM is a professional association representing 360 EPA RPMs. An RPM Directory listing RPM name, phone, and description of sites is in preparation to facilitate technical exchange among Regional staff. The NARPM Executive Council has representatives in each Region. Consult Appendix A, Regional Contacts, for the name and number of the NARPM Representative in your Region.

3. **National Association of OSCs**
   Contact: Bill Simes, EPA Region V, FTS 886-6236 or (312) 886-6236

   This is a professional association for the approximately 130 EPA On-Scene Coordinators. A directory listing OSCs by Region and by technical specialty is available by calling Bill Simes at the above number.

4. **Hazardous Substance Research Centers (HSRC)**
   Contact: Karen Morehouse FTS 382-5750

   Five university-based centers, each serving a pair of Regions, focus on problems of their geographic regions with emphasis in a specific area of research. The Centers perform long-term and short-term research on all aspects of hazardous substance generation, management, use, transportation, and disposal. The Centers are also committed to technology transfer, overseen by the Training and Technology Transfer Advisory Committee (TTAC).

   Regional Contacts and areas of expertise:

   - Region Pair 1 & 2.
     Contact: Patricia Meany (TTAC member) FTS 835-3355
     Emphasis: ground-water remediation, pretreatment of industrial wastes, incineration
     Universities: New Jersey Institute of Technology, Massachusetts Institute of Technology, Princeton University, Rutgers University, Stevens Institute of Technology, Tufts University, and University of Medicine and Dentistry of New Jersey

- Region Pair 3 & 5.
  Contact: Christopher Corbett (TTAC member) FTS 597-6905
  Emphasis: biological degradation processes for organic substances
  Universities: University of Michigan, Howard University, and Michigan State University

- Region Pair 4 & 6.
  Contact: Norman Dyer (TTAC member) FTS 255-2252
  Emphasis: waste minimization and waste management
  Universities: North Carolina State University, The University of North Carolina Chapel Hill, and Texas A&M University

- Region Pair 7 & 8.
  Contact: Billy Fairless (TTAC member) FTS 757-3881
  Emphasis: metal recovery and recovery of organic wastes
  Universities: Kansas State University, Montana State University, University of Iowa, University of Missouri, University of Montana, University of Nebraska, and University of Utah

- Region Pair 9 & 10.
  Contact: Philip Bobel (TTAC member) FTS 454-8910
  Emphasis: physical, chemical, and biological treatment of surface and subsurface contaminants
  Universities: Stanford University and Oregon State University

Notes

APPENDIX A: Regional Office Contacts

Region I

Ground Water Forum Members (p. 4)	John Zannos Dick Willey	FTS 833-9629 FTS 833-9629
Engineering Forum Members (p. 4)	John Gallagher	FTS 833-9633
Toxics Integration Coordinator (p. 7)	Sarah Levinson	FTS 883-1645
Air/SF Coordinator (p. 9)	Rose Toscano	FTS 835-4502
Federal Facility Coordinator (p. 11)	Clara Chow	FTS 835-3287
OSWER Directives Coordinator (p. 15)	Francine Picardo	FTS 833-1700
Hazardous Substance Research Center Contact (p. 16)	Patricia Meany	FTS 835-3355
NARPM Representative (p. 16)	Lynne Fratus	FTS 835-3468

Region II

Ground Water Forum Members (p. 4)	Kevin Willis Howard Orlean	FTS 264-1784 FTS 264-5195
Engineering Forum Members (p. 4)	Richard Kaplan Agram Fayon	FTS 264-3819 FTS 264-4706
Toxics Integration Coordinator (p. 7)	Peter Grevatt	FTS 264-6323
Air/SF Coordinator (p. 9)	Grace Musumeci	FTS 264-2517
Federal Facility Coordinator (p. 11)	Robert Hargrove	FTS 264-5390
OSWER Directives Coordinator (p. 15)	Chris Sebastian	FTS 264-6012
Hazardous Substance Research Center Contact (p. 16)	Patricia Meany	FTS 835-3355
NARPM Representative (p. 16)	Damian Duda	FTS 264-1415

Region III

Ground Water Forum Members (p. 4)	Kathy Davies Mike Towle	FTS 597-6488 FTS 597-3166
Engineering Forum Members (p. 4)	Paul Leonard Jeff Winegar	FTS 597-8257 FTS 597-1265
Toxics Integration Coordinator (p. 7)	Richard Brunker	FTS 597-0804
Air/SF Coordinator (p. 9)	Donna Abrams	FTS 597-9134
Federal Facility Coordinator (p. 11)	Fran Mulhern	FTS 597-1168
OSWER Directives Coordinator (p. 15)	Donna Sutsko	FTS 597-8182
Hazardous Substance Research Center Contact (p. 16)	Chris Corbett	FTS 597-6905
NARPM Representative (p. 16)	Terry Stilman	FTS 597-7906

Region IV

Ground Water Forum Members (p. 4)	Bernie Hayes	FTS 257-3866
Engineering Forum Members (p. 4)	Jim Orban	FTS 257-2643
Toxics Integration Coordinator (p. 7)	Elmer Aiken	FTS 257-2234
Air/SF Coordinator (p. 9)	Stuart Perry	FTS 257-2864
Federal Facility Coordinator (p. 11)	Art Linton	FTS 257-3776
OSWER Directives Coordinator (p. 15)	Rose Gray	FTS 257-3454
Hazardous Substance Research Center Contact (p. 16)	Norman Dyer	FTS 255-2252
NARPM Representative (p. 16)	David Abbott	FTS 257-4702

Region V

Ground Water Forum Members (p. 4)	Doug Yeskis	FTS 886-0408
Engineering Forum Members (p. 4)	Steve Ostrodka	FTS 886-3011
Toxics Integration Coordinator (p. 7)	Steve Ostrodka	FTS 886-3011
Air/SF Coordinator (p. 9)	John Summerhays	FTS 353-2207
Federal Facility Coordinator (p. 11)	Kestutis Ambutas	FTS 353-1394
OSWER Directives Coordinator (p. 15)	Denise Reape	FTS 353-8987
Hazardous Substance Research Center Contact (p. 16)	Chris Corbett	FTS 597-6905
NARPM Representative (p. 16)	Ken Tindall	FTS 886-9096

Region VI

Ground Water Forum Members (p. 4)	Ruth Izraeli Kathleen O'Reilly	FTS 255-6735 FTS 255-6710
Engineering Forum Member (p. 4)	Deborah Griswold	FTS 255-6715
Toxics Integration Coordinator (p. 7)	Jon Rauscher	FTS 255-2198
Air/SF Coordinator (p. 9)	Terri deLorimier	FTS 255-7208
Federal Facility Coordinator (p. 11)	Jim Highland	FTS 225-2260
OSWER Directives Coordinator (p. 15)	Helen Newman	FTS 255-6740
Hazardous Substance Research Center Contact (p. 16)	Norman Dyer	FTS 255-2252
NARPM Representative (p. 16)	Steve Veale	FTS 255-6715

Region VII

Ground Water Forum Members (p. 4)	Steve Kinser	FTS 757-2856
Engineering Forum Members (p. 4)	Steve Kovac	FTS 757-2856
Toxics Integration Coordinator (p. 7)	Glenn Tucker	FTS 757-2856
Air/SF Coordinator (p. 9)	Wayne Kaiser	FTS 757-2896
Federal Facility Coordinator (p. 11)	Glenn Yager	FTS 757-2823
OSWER Directives Coordinator (p. 15)	Jennifer Anderson	FTS 757-2852
Hazardous Substance Research Center Contact (p. 16)	Billy Fairless	FTS 757-3881
NARPM Representative (p. 16)	Steve Kovac	FTS 757-2856

Region VIII

Ground Water Forum Members (p. 4)	John Haggard Paula Schmittdehl	FTS 564-1533 FTS 564-1527
Engineering Forum Members (p. 4)	Henry Schroeder Marie Zanowick	FTS 564-1526 FTS 564-1838
Toxics Integration Coordinator (p. 7)	Chris Weis	FTS 330-1524
Air/SF Coordinator (p. 9)	Norm Huey	FTS 564-1760
Federal Facility Coordinator (p. 11)	Elmer Chenault	FTS 564-1518
OSWER Directives Coordinator (p. 15)	Carol Macy	FTS 564-1720
Hazardous Substance Research Center Contact (p. 16)	Billy Fairless	FTS 757-3881
NARPM Representative (p. 16)	Tim Rehder	FTS 330-1529

Region IX

Ground Water Forum Members (p. 4)	Jeff Rosenbloom	FTS 454-9565
Engineering Forum Members (p. 4)	John Blevins John Kemmerer	FTS 454-9103 FTS 454-7497
Toxics Integration Coordinator (p. 7)	Gerald Hiatt	FTS 484-1640
Air/SF Coordinator (p. 9)	Mike Stenburg	FTS 454-8205
Federal Facility Coordinator (p. 11)	Laura Fuji	FTS 454-7539
OSWER Directives Coordinator (p. 15)	Jackie Lane	FTS 454-7460
Hazardous Substance Research Center Contact (p. 16)	Philip Bobel	FTS 454-8910
NARPM Representative (p. 16)	Alisa Greene	FTS 454-1305

Region X

Ground Water Forum Members (p. 4)	Rene Fuentes Bernard Zavala	FTS 399-1599 FTS 399-1562
Engineering Forum Members (p. 4)	John Barich	FTS 399-8562
Toxics Integration Coordinator (p. 7)	David Tetta	FTS 399-7151
Air/SF Coordinator (p. 9)	Elizabeth Waddell	FTS 399-8578
Federal Facility Coordinators (p. 11)	Clark Smith Lee Marshall	FTS 399-1327 FTS 399-2723
OSWER Directives Coordinator (p. 15)	Jayne Carlin	FTS 399-1905
Hazardous Substance Research Center Contact (p. 16)	Philip Bobel	FTS 454-8910
NARPM Representative (p. 16)	David Tetta	FTS 399-2138

Notes

APPENDIX B: Headquarters Contacts

Fund Coordinators and Contacts

RI/FS and ROD Regional Coordinators

Region	Name	FTS No.
I	Jennifer Haley	475-6705
II	Alison Barry	475-9839
III	Sharon Frey (DE, MD, VA, WV, PA)	475-9754
	Vanessa Musgrave (PA)	382-2464
IV	Tish Zimmerman	382-2461
V	Trudi Fancher (MI, WI)	475-9758
	Sandra Panetta (IN, IL, MN, OH)	475-9757
VI	Robin Anderson	382-2446
VII	Tish Zimmerman	382-2461
VIII	Steve Golian	475-9750
IX	David Cooper	475-6703
X	Steve Golian	475-9750

Design and Contruction Consultants

Region	Name	FTS No.
I	Joann Griffith	475-6704
II	Jack Taylor (NY)	475-8246
	Robert Hefferman (NJ)	475-9751
III	Bill Zobel	382-2347
IV	Mike Peterson	382-2457
V	Tracy Loy	382-7997
VI	Ed Hanlon	475-9753
VII	Mike Peterson	475-2457
VIII	Ben Hamm	382-7998
IX	Ed Hanlon	475-9753
X	Ed Hanlon	475-9753

Enforcement Coordinators

RODs, Remedy Selection, Unilateral Enforcement			RD/RA and Settlement Consultants		
Region	**Name**	**FTS No.**	**Region**	**Name**	**FTS No.**
I	Candace Wingfield	475-9317	I	Bruce Kulpan	382-7789
II	Neilima Senjalia	475-7027	II	Bruce Kulpan	382-7789
III	Jack Schad	382-4848	III	Tai Ming Chang	382-4839
IV	Candace Wingfield	475-9317	IV	Bruce Kulpan	382-7789
V	Kurt Lamber	382-4831	V	Tai Ming Chang	382-4839
VI	Joe Tieger	475-8372	VI	Tony Diecidue	382-7790
VII	Jack Schad	382-4848	VII	Ross Natoli	382-2063
VIII	Joe Tieger	475-8372	VIII	Brad Wright	382-4837
IX	Joe Tieger	475-8372	IX	Ross Natoli	382-2063
X	Kurt Lamber	382-4831	X	Tony Diecidue	382-7790

Removal and Expedited Response Action Coordinators

Region	Name	FTS No.	Region	Name	FTS No.
I	David Lopez	382-7732	VI & VIII	Jennifer Maloney	382-2184
II & IX	Lisa Guarneiri	475-8110	VII	Sara Nielsen	382-2205
III & IV	Gregory Weigel	382-2196	X	Terry Eby	382-7734
V	Susan Janowiak	382-7732			

Suggestions

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