COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS

USERS MANUAL

U. S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF WASTE PROGRAMS ENFORCEMENT

MAY 1989

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1.0 INTRODUCTION

This manual describes how to use the "Compendium of CERCLA Response Selection Guidance Documents" (Compendium). Each U.S. Environmental Protection Agency (EPA) Regional Office maintains a compendium of guidance documents frequently used during development and selection of response actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

EPA Headquarters used several sources to develop the initial Compendium. These sources included a pamphlet titled "Selected Technical Guidance for Superfund Projects" (OSWER Directive 9200.7-01); the OSWER Directive System; the Superfund, Resource Conservation and Recovery Act (RCRA), and Enforcement dockets; the Hazardous Waste Collection Database; and any existing regional compendiums. The documents in the Compendium are referenced in administrative records for decisions on selection of response actions.

The administrative record described here is the body of documents that form the basis for selection of a CERCLA response action. Establishment of the administrative record is required by §113(k) of CERCLA. An administrative record is the compilation of documents considered or relied on by EPA in making a decision. Documents that EPA anticipates will be included in the administrative record when the decision on a response action selection is made, are referred to as the "administrative record file." Guidance documents, or portions of guidance documents, that are considered or relied on in selecting a CERCLA response action should be part of an administrative record file.

Certain frequently used guidance documents may be referenced in the index to an administrative record but not physically included in the administrative record file. The reference should indicate the title and location of any documents included in the administrative record but maintained in the Compendium, which is kept at a central regional location. If a guidance document that is not listed in the Compendium is considered or relied on in selecting the response action, the document must be physically included in the administrative record file. The Compendium helps reduce the burden of copying and storing multiple copies of frequently used guidance documents.

Section 2.0 of this manual briefly discusses use of the Compendium by EPA personnel and the public. Section 3.0 discusses the Compendium's file and index structure. Documents in the Compendium are filed in three-ring binders and listed on an index which is generated by and

maintained on a computer database. Procedures for updating the Compendium are presented in Section 4.0.

2.0 OVERVIEW OF COMPENDIUM USE

The Compendium is intended for use by two groups: EPA personnel, during the process of response action selection and administrative record development, and the public, for review of documents referenced in the index to an administrative record.

The user should note that although the term "guidance" is often used in discussing the Compendium, it does not imply that only guidance documents are included. The documents may also be policies, memoranda, clarifications, case studies, manuals, handbooks, reports, and other documents used in the selection of CERCLA response actions.

2.1 USE BY EPA PERSONNEL

EPA personnel use the Compendium primarily to reference frequently used guidance documents that may be maintained in the Compendium rather than physically included in each administrative record file. The index must indicate which documents are physically located in the Compendium and must specify the location and accessibility of the Compendium. The index should also reference only the specific documents in the Compendium that were considered or relied on for the site for which the record is being compiled. The index should not reference the entire Compendium.

2.2 USE BY THE PUBLIC

As with any unrestricted document included in a record, the Compendium documents are accessible for public review. When EPA publishes a notice of availability of an administrative record file, that notice will include the location of the Compendium. The Compendium will be available for public viewing at a central regional establishment (for example, the EPA Regional Office), and not at or near the site for which the record is being compiled. (See Appendix A for a list of the location of each regional copy of the Compendium and the names of the Regional Administrative Record Coordinators.)

3.0 STRUCTURE OF THE COMPENDIUM

Currently, the Compendium is organized into 10 categories. An overview of the file structure is presented below, as well as a discussion of the index that identifies the documents included in the Compendium. This section also discusses the data elements identified in the index. The data elements provide vital information on the documents included in the Compendium and are contained in a database used to compile the Compendium and generate the index.

3.1 FILE STRUCTURE

The Compendium is structured according to 10 major categories that generally reflect the various components of a response action selection under CERCLA. Table 3-1 lists the current Compendium categories. The documents are further grouped into subcategories that indicate their more specific nature, when applicable. For example, the remedial investigation/feasibility study (RI/FS) section of the Compendium is broken down into more specific subcategories to identify the wide range of RI/FS documents available. When the documents apply to multiple categories, secondary references are provided in the Compendium index.

Each document has been assigned a unique four-digit document number. The bound documents contained in each category are arranged numerically. When a user wants to access a document, he or she will find the document filed according to the assigned number. The four-digit number series assigned to each category are also listed in Table 3-1.

3.2 INDEX STRUCTURE

When an administrative record index refers to a document contained in the Compendium, that document is also identified in the Compendium index. The index, contained as the first document in the Compendium, provides the information necessary to identify and locate the desired document. (For a copy of the current Compendium index, see Appendix B.)

Because in most cases the user will know the title of the document rather than the number assigned, the index lists the documents under each category in alphabetical order. An alphabetical listing of secondary references follows the primary documents listed under each category.

TABLE 3-1

COMPENDIUM CATEGORIES AND NUMBER SERIES

CATEGORIES	NUMBER SERIES
Index	**0000**
Pre-Remedial	**0001-0999**
Removal Action	**1000-1999**
Remedial Investigation/ Feasibility Study	**2000-2999**
General	2000-2099
RI Data Quality/Site & Waste Assessment	2100-2199
Land Disposal Facility Technology	2200-2299
Other Technologies	2300-2399
Groundwater Monitoring & Protection	2400-2499
ARARs[1]	**3000-3999**
Water Quality	**4000-4999**
Risk Assessment	**5000-5999**
Cost Analysis	**6000-6999**
Community Relations	**7000-7999**
Enforcement	**8000-8999**
Selection of Remedy/Decision Documents	**9000-9999**

[1] Applicable or Relevant and Appropriate Requirements

The Compendium index is maintained on a database using dBASE III Plus software. This database contains numerous data elements that store the information distinguishing and grouping each document into the appropriate categories. The database is currently maintained at EPA Headquarters.

Maintaining the index in a database allows the information to be organized in different ways. For example, should the Region need an index that is sorted entirely in alphabetical order by title, chronologically by document date, numerically by the number assigned each document, etc., EPA Headquarters can generate and forward such an index. The data elements of the Compendium database, as identified on the index, are included in Appendix B.

4.0 UPDATING THE COMPENDIUM

The Compendium is designed to allow for the periodic addition of newly developed policy or guidance documents. Updates to the Compendium are necessary in the following cases: (1) EPA releases relevant new guidance, policy, reports, etc.; (2) regional staff find additional documents that should be included in the Compendium; and (3) existing documents are revised or superseded. EPA Headquarters will continue to monitor the information sources used to develop the initial Compendium for new or revised documents that may qualify for inclusion in the Compendium.

Guidance documents identified for addition to the Compendium will be reviewed and relevant information will be entered into the existing database. After the database is updated, a new index will be generated and sent to each Regional Office. This new index will replace any previous indices. Hard copies of the additional documents will be sent to each region for inclusion in the Compendium. The revised index will indicate the category for each new document.

4.1 REGIONAL INPUT

Parties involved in the response action selection process, as well as Administrative Record Coordinators, may find documents that are frequently included in administrative records but are not referenced in the Compendium. In such cases it may be desirable to include the documents in the Compendium as part of the updating process. However, since the Compendium is designed to be nationally applicable, only documents used frequently in different regions will be included. Any region-specific document should be maintained in separate regional files and not in the Compendium.

4.2 KEEPING THE COMPENDIUM CURRENT

Once a document is included in the Compendium, it will remain in the Compendium to maintain the integrity of any record that refers to it. However, documents contained in the Compendium may be revised in the future to reflect changes, for example, changes in policy, technology, or law. The most current version of these documents will be added to the Compendium, as appropriate, so that they will be available for the administrative record process.

Although no document included in the Compendium will ever be replaced or removed once an administrative record index refers to it, those documents that are superseded will be flagged and identified on a separate index (superseded index) attached to the Compendium's main index. The superseded index will also identify the corresponding revised version added to the Compendium to indicate the new document that should be used.

Response action selections frequently rely on technical data generated at Superfund sites across the country. Such data is often maintained on national databases. Depending on their use and availability, certain of these databases may be included in the Compendium. For example, the Public Health Risk Evaluation Database (PHRED) is part of the Compendium. PHRED is stored on two floppy diskettes that are regularly updated as additional information becomes available. Whenever updated PHRED diskettes are generated, they will be added to the Compendium. Those diskettes that were previously included will also remain in the Compendium and will be identified on the superseded index.

APPENDIX A

REGIONAL COMPENDIUM LOCATIONS AND ADMINISTRATIVE RECORD COORDINATORS

Region	Address	Coordinator/PH # 1. Remedial 2. Removal
I	90 Canal Street Boston, MA 02203	1. Diane Kelley (617)573-1672 FTS 833-1672
	60 Westview Street * Lexington, MA 02173	2. Pam Bruno (617)860-4309
II	26 Federal Plaza New York, NY 10278	1. Jennie Delcimento (212)264-8676 FTS 264-8676
	Woodbridge Avenue * Raritan Depot - Bldg 10 Edison, NJ 08837	2. Mark Pane (201)321-6813 FTS 340-6813
III	841 Chestnut Street Philadelphia, PA 19107	1. Margaret Leva (215)597-3037 FTS 597-3037
		2. Dennis Carney (215)597-0992 FTS 597-0992
IV	345 Courtland Street, N.E. Atlanta, GA 30365	1. Charlotte Williams (404)347-2930 FTS 257-2930
		2. Jan Rogers (404)347-3931 FTS 257-3931
V	230 South Dearborn Street Chicago, IL 60604	1. Susan Swales (312)886-7336 FTS 886-7336
		2. Pam Schafer (312)886-2120 FTS 886-2120
VI	1445 Ross Avenue 12th Floor, Suite 1200 Dallas, TX 75270	1. Karen Witten (214)655-6735 FTS 255-6735
		2. JoAnn Woods (214)655-2270 FTS 255-2270

* The Compendium was initially distributed to remedial Administrative Record Coordinators only. Copies may not be located at this address.

Region	Address	Coordinator/PH # 1. Remedial 2. Removal
VII	726 Minnesota Avenue Kansas City, KS 66101	1. Maureen Hunt (913)236-2856 FTS 757-2856
	25 Funston Road * Kansas City, KS 66115	2. Helen Bennett (913)236-3881 FTS 757-3881
VIII	999 18th Street Suite 500 Denver, CO 80202	1. Carol Macy (303)293-1281 FTS 564-1281
		2. Carol Pokorny (303)294-7638 FTS 564-7638
IX	215 Fremont Street San Francisco, CA 94105	1. Thomas Mix (acting) (415)974-7414 FTS 454-7414
		2. Same
X	1200 Sixth Avenue Seattle, WA 98101	1. Lynn Williams (206)442-2121 FTS 399-2121
		2. Same

* The Compendium was initially distributed to remedial Administrative Record Coordinators only. Copies may not be located at this address.

APPENDIX B

COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS

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TABLE OF CONTENTS

Category - Subcategory	Number Series*	Page
Pre-Remedial	0001-0002	1
Removal Action	1000-1008	1
RI/FS - General	2000-2012	2
RI/FS - RI Data Quality/Site & Waste Assessment	2100-2119	2
RI/FS - Land Disposal Facility Technology	2200-2212	4
RI/FS - Other Technologies	2300-2320	5
RI/FS - Ground-Water Monitoring & Protection	2400-2408	7
ARARs	3000-3005	8
Water Quality	4000-4003	9
Risk Assessment	5000-5015	9
Cost Analysis	6000-6001	11
Community Relations	7000-7000	11
Enforcement	8000-8001	12
Selection of Remedy/Decision Documents	9000-9001	12

Data Element Definitions

List of Organizational Abbreviations and Acronyms Identified in the Index

*The range for each number series identified represents the numbers assigned to those documents currently in the Compendium.

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Doc NO	Vol	Title	Date	Authors	Status	Pages	Tier	Attachments	OSWER/EPA Number
0000	1	INDEX TO COMPENDIUM OF CERCLA RESPONSE SELECTION GUIDANCE DOCUMENTS	05/01/89	- OWPE - PRC-ENVIRONMENTAL MANAGEMENT, INC	Final	8		1) DATA ELEMENT DEFINITIONS 2) ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN INDEX	
**		Pre-Remedial							
0001	1	EXPANDED SITE INSPECTION TRANSITIONAL GUIDANCE FOR FY-88	10/01/87	- OERR	Final	74	2		OSWER #9345 1-02
0002	1	PRELIMINARY ASSESSMENT GUIDANCE FISCAL YEAR 1988	01/01/88	- OERR/ISCD	Final	83	2		OSWER #9345 0-01
**		Removal Action							
1000	1	CERCLA REMOVAL ACTIONS AT METHANE RELEASE SITES	01/23/86	- LONGEST, H.L. /OERR	Final	2	2		OSWER #9360 0-8
1001	1	CRISIS OF REMEDIAL RESPONSE ACTIONS AT UNCONTROLLED HAZARDOUS WASTE SITES	01/01/81	- RISHEL, H.L., ET AL /SCS ENGINEERS - ALBRECHT, D.W./MERL	Final	164	1		
1002	1	EMERGENCY RESPONSE PROCEDURES FOR CONTROL OF HAZARDOUS SUBSTANCE RELEASES	01/01/83	- MELVOLD, R.W./ROCKWELL INTERNATIONAL - MCCARTHY, L.T./MERL	Final	23	1		EPA-600/8-84-023
1003	1	ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS	04/13/87	- OERR/ERD	Final	6	2		OSWER #9318 0-05
1004	1	GUIDANCE ON IMPLEMENTATION OF THE "CONTRIBUTE TO REMEDIAL PERFORMANCE" PROVISION	04/06/87	- OSWER	Final	6	2		OSWER #9360 0-13
1008	2	GUIDANCE ON NON-NPL REMOVAL ACTIONS INVOLVING NATIONALLY SIGNIFICANT OR PRECEDENT SETTING ISSUES	04/03/89	- LONGEST, H.L./OERR	Final	9	2	1) REQUEST FOR CONCURRENCE	OSWER #9360 0-19
1005	1	INFORMATION ON DRINKING WATER ACTION LEVELS	04/19/88	- FIELDS, JR., T./OSWER/ERD	Final	17	2	1) MEMO: RELEASES FROM LAWFULLY APPLIED PESTICIDES 2) MEMO DBCP CONTAMINATION 3) GUIDANCE FOR ETHYLENE DIBROMIDE IN DRINKING H2O	
1006	1	SUPERFUND REMOVAL PROCEDURES, REVISION #3	02/01/88	- OSWER/OERR	Final	365	1		OSWER #9360 0-03B
1007	1	THE ROLE OF EXPEDITED RESPONSE ACTIONS UNDER SARA	04/21/87	- LONGEST, H.L./OERR	Final	3	2		OSWER #9360 0-15
4002	26	INTERIM FINAL GUIDANCE ON REMOVAL ACTION LEVELS AT CONTAMINATED DRINKING WATER SITES [Secondary Reference]	10/06/87	- OSWER/OERR	Final	9	2		OSWER #9360 1-01
6001	32	REMOVAL COST MANAGEMENT MANUAL [Secondary Reference]	04/01/88	- OSWER/OERR	Final	170	1		OSWER #9360 0-02B

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Doc No	Vol	Title	Date	Authors	Status	Pages	Tier	Attachments	OSWER/EPA Number
2115	8	PRACTICAL GUIDE FOR GROUND-WATER SAMPLING	09/01/85	- BARCELONA, M.J., ET.AL./ILLINOIS ST. WATER SURVEY - SCALF, M.R./ORD/ERL	Final	175	1		EPA/600/2-85/104
2116	8	SEDIMENT SAMPLING QUALITY ASSURANCE USER'S GUIDE	07/01/85	- BARTH, D.S. & STARKS, T.S./UNIV. OF NEV, LAS VEGAS - BROWN, K.W./EARD	Final	120	1		EPA/600/4-85/048
2117	8	SOIL SAMPLING QUALITY ASSURANCE USER'S GUIDE	05/01/84	- BARTH, D.S. & MASON, B.J./U. OF NEVADA, LAS VEGAS - BROWN, K./ORD/EARD	Final	104	1		EPA 600/4-84/043
2118	9+	TEST METHODS FOR EVALUATING SOLID WASTE, LABORATORY MANUAL PHYSICAL/CHEMICAL METHODS, THIRD EDITION (VOLUMES IA, IB, IC, AND II)	11/01/86	- OSWER	Final	3000	1		
2119	11	USER'S GUIDE TO THE CONTRACT LABORATORY PROGRAM	12/01/88	- OERR/CLP SAMPLE MANAGEMENT OFFICE	Final	220	2		OSWER #9240.0-1
**		RI/FS - Land Disposal Facility Technology							
2200	12	COVERS FOR UNCONTROLLED HAZARDOUS WASTE SITES	09/01/85	- MCANENY, C.C., ET. AL./U.S. COE/WES - HOUTHOOFD, J.M./MERL	Final	475	2		EPA/540/2-85/002
2201	13	DESIGN, CONSTRUCTION, AND EVALUATION OF CLAY LINERS FOR WASTE MANAGEMENT FACILITIES	11/01/88	- GOLDMAN, J.L., ET. AL./NUS - ROULIER, M.H./RREL	Final	500	2		EPA/530/SW-86/007F
2202	13	EVALUATING COVER SYSTEMS FOR SOLID AND HAZARDOUS WASTE	09/01/82	- LUTTON, R.J./U.S.A. COE/WES - LANDRETH, R.E./MERL	Final	58	2		OSWER #9476.00-1
2203	13	GUIDANCE MANUAL FOR MINIMIZING POLLUTION FROM WASTE DISPOSAL SITES	08/01/78	- TOLMAN, A.L., ET. AL./A.W. MARTIN ASSOCIATES, INC. - SANNING, D.E./MERL	Final	83	1		EPA-600/2-78-142
2204	13	LAND DISPOSAL RESTRICTIONS	08/11/87	- LONDEST, H.L./OERR - LUCERO, G./OWPE	Final	23	2	1) SUMMARY OF MAJOR LDR PROVISIONS AND CALIFORNIA LIST PROHIBITIONS 2) OTHER ATTACHS CITED ARE AVAILABLE IN	

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Doc No	Vol	Title	Date	Authors	Status	Pages	Tier	Attachments	OSWER/EPA Number
2205	14	LINING OF WASTE CONTAINMENT AND OTHER IMPOUNDMENT FACILITIES	09/01/88	- MATRECON, INC. - LANDRETH, R./ORD/RISK REDUCTION ENGINEERING LAB	Final	950	2	FED. REG.	
2206	15	LINING OF WASTE IMPOUNDMENT AND DISPOSAL FACILITIES	03/01/83	- LANDRETH, R./MERL	Final	480	2		OSWER #9480.00-4
2207	15	PROCEDURES FOR MODELING FLOW THROUGH CLAY LINERS TO DETERMINE REQUIRED LINER THICKNESS	01/01/84	- OSW	Draft	145	2		OSWER #9480.00-9D
2208	15	RCRA GUIDANCE DOCUMENT: LANDFILL DESIGN LINER SYSTEMS AND FINAL COVER	07/01/82	- EPA	Draft	30	2		
2209	15	SETTLEMENT AND COVER SUBSIDENCE OF HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY	05/01/85	- MURPHY, W.L. - GILBERT, P.A.	Final	4	2		EPA-600/S2-85-035
2210	15	SUPPLEMENTARY GUIDANCE ON DETERMINING LINER/LEACHATE COLLECTION SYSTEM COMPATIBILITY	08/07/86	- WEDDLE, B.R./PERMITS AND STATE PROGRAMS DIV	Final	60	2	1) ANALYSIS AND FINGERPRINTING OF UNEXPOSED & EXPOSED POLYMERIC MEMBRANE LINERS MATRECON, INC. 2) SEC. 3019 EXPOSURE INFO AND HEALTH ASSESSMENTS	OSWER #9480.00-13
2211	15	TECHNICAL GUIDANCE DOCUMENT: CONSTRUCTION QUALITY ASSURANCE FOR HAZARDOUS WASTE LAND DISPOSAL FACILITIES	10/01/86	- HERRMANN, J.G./AWERL/LAND POLLUTION CONTROL DIV. - OSWER	Final	88	2		OSWER #9472.003
2212	15	TREATMENT OF REACTIVE WASTES AT HAZARDOUS WASTE LANDFILLS: PROJECT SUMMARY	01/01/84	- SLEDGER,D. ET AL./ARTHUR D. LITTLE, INC. - LANDRETH, R./MERL	Final	4	2		EPA/600/S2-83/118
3000	25	APPLICABILITY OF THE ISWA MINIMUM TECHNICAL REQUIREMENTS RESPECTING LINERS AND LEACHATE COLLECTION SYSTEMS [Secondary Reference]	04/01/85	- SKINNER, J./OSW	Final	3	2		OSWER #9480.01(85)

** RI/FS - Other Technologies

2300	16	A COMPENDIUM OF TECHNOLOGIES USED IN THE TREATMENT OF HAZARDOUS WASTES	09/01/87	- ORD/CERI	Final	49	2		EPA/625/8-87/014

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Doc No	Vol	Title	Date	Authors	Status	Pages	Tier	Attachments	OSWER/EPA Number
2301	16	CARBON ADSORPTION ISOTHERMS FOR TOXIC ORGANICS	04/01/80	- DITHIS, R. A./MERL - COLEN, J.M./MERL	Final	321	2		EPA/600/8-80-023
2302	17	ENGINEERING HANDBOOK FOR HAZARDOUS WASTE INCINERATION	09/01/81	- BONNER, T.A., ET. AL./MONSANTO RESEARCH CORP. - OBERACKER, D.A./OPET	Final	445	2		OSWER #9488.00-5
2303	17	EPA GUIDE FOR IDENTIFYING CLEANUP ALTERNATIVES AT HAZARDOUS WASTE SITES AND SPILLS: BIOLOGICAL TREATMENT	-	- PACIFIC NORTHWEST LABORATORY - RANIERE, L.C./CORVALLIS ENVIRONMENTAL RESEARCH LAB	Final	120	2		EPA-600/3-83-063
2304	17	EPA GUIDE FOR INFECTIOUS WASTE MANAGEMENT	05/01/86	- OSWER/OSW	Final	75	2		OSWER #9410.00-2
2305	17	GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE IMPOUNDMENT SITES	06/01/86	- CDM/WOODWARD-CLYDE/ROY F. WESTON - BARTH, E./OERR	Final	39	1		OSWER #9380.0-06
2306	17	GUIDANCE DOCUMENT FOR CLEANUP OF SURFACE TANK AND DRUM SITES	05/28/85	- CDM/WOODWARD-CLYDE/ROY F. WESTON/C.C. JOHNSON - BARTH, E. AND BIXLER, B./OERR	Final	135	1		OSWER #9380.0-03
2307	18	HANDBOOK FOR EVALUATING REMEDIAL ACTION TECHNOLOGY PLANS	08/01/83	- BRENFELD, J. AND BASS, J./ARTHUR D. LITTLE INC. - PARKIN, H.R./MERL	Final	439	1		EPA-600/2-83-076
2308	18	HANDBOOK FOR STABILIZATION/SOLIDIFICATION OF HAZARDOUS WASTE	06/01/86	- CULLINANE JR., M.J. ET. AL./U.S. COE/WES - HOUMOOD, J.M./ORD/MERL	Final	125	1		EPA/540/2-86-001
2309	19	HANDBOOK REMEDIAL ACTION AT WASTE DISPOSAL SITES (REVISED)	10/01/85	- ORD/MERL - OSWER/OERR	Final	560	1		EPA/625/6-85/006
2310	20	LEACHATE PLUME MANAGEMENT	11/01/85	- REPO, E. AND KUES, C./JRB ASSOCIATES - BARKLEY, N./EPA	Final	590	1		EPA/540/2-85/004
2311	20	MOBILE TREATMENT TECHNOLOGIES FOR SUPERFUND WASTES	09/01/86	- CAMP, DRESSER, AND MCKEE INC. - GALER, L.D./ARSD	Final	130	1		EPA/540/2-86-001F
2312	21	PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS	04/01/86	- CORMAN, P., ET. AL./MIDWEST RESEARCH INSTITUTE - OBERACKER, D.A./MERL	Final	63	2		EPA/600/2-86/050
2313	21	PRACTICAL GUIDE-TRIAL BURNS FOR HAZARDOUS WASTE INCINERATORS, PROJECT SUMMARY	07/01/86	- CORMON, P., ET. AL./MIDWEST RESEARCH INSTITUTE - OBERACKER, D.A./MERL	Final	2	1		EPA/600/S2-86/050

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2314	21	PROHIBITION ON THE PLACEMENT OF BULK LIQUID HAZARDOUS WASTE IN LANDFILLS-STATUTORY INTERPRETIVE GUIDANCE	06/11/86	- OSWER/OSW	Final	35	1	1) MEMO RE SAME SUBJECT FROM WILLIAMS, M.E./OSW	OSWER #9487.00-2A
2315	21	REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 2: BACKGROUND INFORMATION FOR IN-SITU TREATMENT	11/01/84	- SIMS, R.C., ET.AL./JRB ASSOCIATES - BARKLEY, N./MERL	Final	350	1		EPA-540/2-84-003b
2316	21	REVIEW OF IN-PLACE TREATMENT TECHNIQUES FOR CONTAMINATED SURFACE SOILS-VOL. 1: TECHNICAL EVALUATION	09/19/84	- OSWER/OERR - ORD/MERL	Final	165	1		EPA/540/2-84-003a
2317	22	SLURRY TRENCH CONSTRUCTION FOR POLLUTION MIGRATION CONTROL	02/01/84	- OERR - ORD/MERL	Final	220	1		EPA/540/2-84-001
2318	22	SYSTEMS TO ACCELERATE IN SITU STABILIZATION OF WASTE DEPOSITS	09/01/86	- AMAURER, M., ET.AL./ENVIROSPHERE CO. - GRUBE, W./MERL	Final	285	1		EPA 540/2-86/002
2319	22	TECHNOLOGY SCREENING GUIDE FOR TREATMENT OF CERCLA SOILS AND SLUDGES	09/01/88	- OSWER/OERR	Final	130	1		EPA 540/2-88/004
2320	22	TREATMENT TECHNOLOGY BRIEFS: ALTERNATIVES TO HAZARDOUS WASTE LANDFILLS	07/01/86	- MERL	Final	35	2		EPA/600/8-86/017
**		RI/FS - Ground-Water Monitoring & Protection							
2400	23	CRITERIA FOR IDENTIFYING AREAS OF VULNERABLE HYDROGEOLOGY UNDER RCRA - STATUTORY INTERPRETIVE GUIDANCE	07/01/86	- OSWER/OSW	Final	950	2		OSWER #9472.00-2A
2401	24	FINAL RCRA COMPREHENSIVE GROUND-WATER MONITORING EVALUATION (GME) GUIDANCE DOCUMENT	12/19/86	- LUCERO, G.A./OWPE	Final	55	2	1) RELATIONSHIP OF TECHNICAL INADEQUACIES TO GROUND-WATER PERFORMANCE STANDARDS	OSWER #9950.2
2402	24	GROUND-WATER MONITORING AT CLEAN-CLOSING SURFACE IMPOUNDMENT AND WASTE PILE UNITS	03/31/88	- PORTER, J.W./OSWER	Final	3	2		OSWER #9476.00-14
2403	24	GROUND-WATER PROTECTION STRATEGY	08/01/84	- OFFICE OF GROUND-WATER PROTECTION	Final	65	2		EPA/440/6-84-002
2404	24	GUIDELINES FOR GROUND-WATER CLASSIFICATION UNDER THE EPA GROUND-WATER PROTECTION STRATEGY	12/01/86	- OFFICE OF GROUND-WATER PROTECTION	Draft	600	2		
2405	24	OPERATION AND MAINTENANCE INSPECTION GUIDE (RCRA GROUND-WATER MONITORING SYSTEMS)	03/30/88	- OSWER/OWPE/RCRA ENFORCEMENT DIVISION	Final	50	2	1) TRANSMITTAL MEMO RE SAME SUBJECT	OSWER #9950-3

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2406	24	PROTOCOL FOR GROUND-WATER EVALUATIONS	09/01/86	- HAZARDOUS WASTE GROUND WATER TASK FORCE	Final	200	2		OSWER #9080 0-1
2407	25	RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT(TEGD)	09/01/86	- EPA	Final	270	2		OSWER #9950.1
2408	25	RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT, TEGD: EXECUTIVE SUMMARY	07/01/87	- LUCERO, G.A./OWPE	Final	8	1		OSWER #9950.1-a
**		ARARs							
3000	25	APPLICABILITY OF THE RCRA MINIMUM TECHNICAL REQUIREMENTS RESPECTING LINERS AND LEACHATE COLLECTION SYSTEMS	04/01/85	- SKINNER, J./OSW	Final	3	2		OSWER #9480 01(85)
3001	25	CERCLA COMPLIANCE WITH OTHER ENVIRONMENTAL STATUTES	10/02/85	- PORTER, J.W./OSWER	Final	19	1	1) POTENTIALLY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS	OSWER #9234 0-2
3002	25	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL	08/08/88	- OERR	Draft	245	2		OSWER #9234.1-01
3003	25	EPA'S IMPLEMENTATION OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986	05/21/87	- THOMAS, L. M./EPA	Final	4	2		
3004	25	GUIDANCE MANUAL ON THE RCRA REGULATION OF RECYCLED HAZARDOUS WASTES	03/01/86	- INDUSTRIAL ECONOMICS, INC - OSW	Final	350	2		OSWER #9441 00-2
3005	25	INTERIM RCRA/CERCLA GUIDANCE ON NON-CONTIGUOUS SITES AND ON-SITE MANAGEMENT OF WASTE AND TREATMENT RESIDUE	03/27/86	- PORTER, J.W./OSWER	Final	8	2	1) COMBINING HAZARDOUS WASTE SITES FOR REM. ACTION	OSWER #9347 0-1
2400	23	CRITERIA FOR IDENTIFYING AREAS OF VULNERABLE HYDROGEOLOGY UNDER RCRA: STATUTORY INTERPRETIVE GUIDANCE [Secondary Reference]	07/01/86	- OSWER/OSW	Final	950	2		OSWER #9472 00-2A
2401	24	FINAL RCRA COMPREHENSIVE GROUND-WATER MONITORING EVALUATION (GME) GUIDANCE DOCUMENT [Secondary Reference]	12/19/86	- LUCERO, G.A./OWPE	Final	55	2	1) RELATIONSHIP OF TECHNICAL INADEQUACIES TO GROUND-WATER PERFORMANCE STANDARDS	OSWER #9950.2
2405	24	OPERATION AND MAINTENANCE INSPECTION GUIDE (RCRA GROUND-WATER MONITORING SYSTEMS) [Secondary Reference]	03/30/88	- OSWER/OWPE/RCRA ENFORCEMENT DIVISION	Final	50	2	1) TRANSMITTAL MEMO RE SAME SUBJECT	OSWER #9950-3
2407	25	RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT(TEGD) [Secondary Reference]	09/01/86	- EPA	Final	270	2		OSWER #9950.1
2408	25	RCRA GROUND-WATER MONITORING TECHNICAL ENFORCEMENT GUIDANCE DOCUMENT, TEGD: EXECUTIVE SUMMARY [Secondary Reference]	07/01/87	- LUCERO, G.A./OWPE	Final	8	1		OSWER #9950.1-a

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2208	15	RCRA GUIDANCE DOCUMENT: LANDFILL DESIGN LINER SYSTEMS AND FINAL COVER [Secondary Reference]	07/01/82	- EPA	Draft	30	2		
9001	32	RCRA/CERCLA DECISIONS MADE ON REMEDY SELECTION [Secondary Reference]	06/24/85	- KILPATRICK, M./COMPLIANCE BRANCH, OWPE	Final	3	2		
**		Water Quality							
4000	26	ALTERNATE CONCENTRATION LIMIT GUIDANCE PART 1, ACL POLICY AND INFORMATION REQUIREMENTS	07/01/87	- OSW/WMD	Final	124	2		OSWER #9481.00-6C
4001	26	GUIDANCE DOCUMENT FOR PROVIDING ALTERNATE WATER SUPPLIES	02/01/88	- OERR	Final	64	2		OSWER #9355.3-03
4002	26	INTERIM FINAL GUIDANCE ON REMOVAL ACTION LEVELS AT CONTAMINATED DRINKING WATER SITES	10/06/87	- OSWER/OERR	Final	9	2		OSWER #9360.1-01
4003	26	QUALITY CRITERIA FOR WATER 1986	05/01/87	- OFFICE OF WATER REGULATIONS AND STANDARDS	Final	325	2		EPA/440/5-86-001
2301	16	CARBON ADSORPTION ISOTHERMS FOR TOXIC ORGANICS [Secondary Reference]	04/01/80	- DOBBS, R.A./MERL - COHEN, J.M./MERL	Final	321	2		EPA/600/8-80-023
1005	1	INFORMATION ON DRINKING WATER ACTION LEVELS [Secondary Reference]	04/19/88	- FIELDS, JR., T./OSWER/ERD	Final	17	2	1) MEMO: RELEASES FROM LAWFULLY APPLIED PESTICIDES 2) MEMO DBCP CONTAMINATION 3) GUIDANCE FOR ETHYLENE DIBROMIDE IN DRINKING H2O	
**		Risk Assessment							
5000	27	ATSDR HEALTH ASSESSMENTS ON NPL SITES	06/16/86	- DEPT. OF HEALTH AND HUMAN SERVICES/ATSDR	Draft	14	2		
5001	27	CHEMICAL, PHYSICAL & BIOLOGICAL PROPERTIES OF COMPOUNDS PRESENT AT HAZARDOUS WASTE SITES	09/27/85	- CLEMENT ASSOCIATES, INC.	Final	320	2		OSWER #9850.3
5002	27	FINAL GUIDANCE FOR THE COORDINATION OF ATSDR HEALTH ASSESSMENT ACTIVITIES WITH THE SUPERFUND REMEDIAL PROCESS	05/14/87	- PORTER, J.W./OSWER/OERR - ATSDR	Final	22	2	1) SAME TITLE, DATED 4/22/87	OSWER #9285.4-02
5003	27	GUIDELINES FOR CARCINOGEN RISK ASSESSMENT (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 33992)	09/24/86	- EPA	Final	13	2		

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5004	27	GUIDELINES FOR EXPOSURE ASSESSMENT (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34042)	09/24/86	- EPA	Final	14	2		
5005	27	GUIDELINES FOR HEALTH ASSESSMENT OF SUSPECT DEVELOPMENTAL TOXICANTS (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34028)	09/24/86	- EPA	Final	14	2		
5006	27	GUIDELINES FOR MUTAGENICITY RISK ASSESSMENT (FEDERAL REGISTER, SEPTEMBER, 24, p 34006)	09/24/86	- EPA	Final	8	2		
5007	27	GUIDELINES FOR THE HEALTH RISK ASSESSMENT OF CHEMICAL MIXTURES (FEDERAL REGISTER, SEPTEMBER 24, 1986, p. 34014)	09/24/86	- EPA	Final	13	2		
5008	28+	HEALTH EFFECTS ASSESSMENT DOCUMENTS (58 CHEMICAL PROFILES) VOL 28: ACETONE, ARSENIC, ASBESTOS, BARIUM, BENZO(A)PYRENE, CADMIUM, CARBON TETRACHLORIDE, CHLOROBENZENE, CHLORDANE, CHLOROFORM, COAL TARS, COPPER, CRESOLS, CYANIDE, DDT, 1,1-DICHLOROETHANE, 1,2-DICHLOROETHANE; VOL 29: 1,1-DICHLOROETHYLENE, 1,2-DICHLOROETHYLENE, CIS-1,2-DICHLOROETHYLENE, ETHYLBENZENE, GLYCOL ETHERS, HEXACHLOROBENZENE, HEXACHLOROBUTADIENE, HEXACHLOROCYCLOPENTADIENE, HEXAVALENT CHROMIUM, IRON (AND COMPOUNDS), LEAD, LINDANE, MANGANESE (AND COMPOUNDS), MERCURY, METHYL ETHYL KETONE, METHYLENE CHLORIDE, NAPHTHALENE, NICKEL, PENTACHLOROPHENOL, PHENOL, PHENANTHRENE; VOL 30: POLYCHLORINATED BIPHENYLS (PCBS), POLYCYCLIC AROMATIC HYDROCARBONS (PAHS), PYRENE, SELENIUM (AND COMPOUNDS), SODIUM CYANIDE, SULFURIC ACID, 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN, 1,1,2,2-TETRACHLOROETHANE, TETRACHLOROETHYLENE, TOLUENE, 1,1,2-TRICHLOROETHANE, 1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE, 2,4,5-TRICHLOROPHENOL, 2,4,6-TRICHLOROPHENOL, TRIVALENT CHROMIUM, VINYL CHLORIDE, XYLENE, ZINC (AND COMPOUNDS)	09/01/84	- ORD/CHEA/ECAO - OSWER/OERR	Final	1750	2		EPA/540/1-86/001-058
5009	31	INTEGRATED RISK INFORMATION SYSTEM (IRIS) [A COMPUTER-BASED HEALTH RISK INFORMATION SYSTEM AVAILABLE THROUGH E-MAIL--IRIS ONLINE ACCESS IS INCLUDED]	-	- CHEA	Final	-	2		

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5010	31	INTERIM POLICY FOR ASSESSING RISKS OF "DIOXINS" OTHER THAN 2,3,7,8-TCDD	01/07/87	- THOMAS, L.M./EPA	Final	50	2	1) INTERIM PROCEDURES FOR ESTIMATING RISKS ASSOCIATED WITH EXPOSURES TO MIXTURES: 10/86	
5011	31	PUBLIC HEALTH RISK EVALUATION DATABASE (PHRED) [USER'S MANUAL AND TWO DISKETTES CONTAINING THE DBASE III PLUS SYSTEM ARE INCLUDED]	09/16/88	- OERR/TOXICS INTEGRATION BRANCH	Final	--	2		
5012	31	ROLE OF ACUTE TOXICITY BIOASSAYS IN THE REMEDIAL ACTION PROCESS AT HAZARDOUS WASTE SITES	08/01/87	- ATHEY, L.A., ET.AL./PACIFIC NORTHWEST LABORATORY - MILLER, W.E./CORVALLIS ENVIRONMENTAL RESEARCH LAB	Final	106	2		EPA/600/8-87/044
5013	31	SUPERFUND EXPOSURE ASSESSMENT MANUAL	04/01/88	- OERR	Final	160	1		OSWER #9285.5-1
5014	31	SUPERFUND PUBLIC HEALTH EVALUATION MANUAL	10/01/86	- OERR - OSWER	Final	500	1		OSWER #9285.4-1
5015	31	TOXICOLOGY HANDBOOK	08/01/85	- LIFE SYSTEMS, INC. - TYBURSKI, T.E./OHPE	Draft	126	2		OSWER #9850.2
6000	32	ENDANGERMENT ASSESSMENT GUIDANCE [Secondary Reference]	11/22/85	- PORTER, J.W./OSWER	Final	11	2		OSWER #9850.0-1
**		Cost Analysis							
6000	32	REMEDIAL ACTION COSTING PROCEDURES MANUAL	10/01/87	- JRB ASSOCIATES/CH2M HILL - ORD/MERL - OSWER/OERR	Final	56	1		
6001	32	REMOVAL COST MANAGEMENT MANUAL	04/01/88	- OSWER/OERR	Final	170	1		OSWER #9360.0-02B
1003	1	ENVIRONMENTAL REVIEW REQUIREMENTS FOR REMOVAL ACTIONS [Secondary Reference]	04/13/87	- OERR/ERD	Final	6	2		OSWER #9318.0-05
**		Community Relations							
7000	32	COMMUNITY RELATIONS IN SUPERFUND: A HANDBOOK (INTERIM VERSION)	06/01/88	- OERR	Final	188	2	1) CHAP. 6 OF THE COM. REL. HANDBOOK 11/03/88	OSWER #9230.0-03B

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**		Enforcement							
8000	32	ENDANGERMENT ASSESSMENT GUIDANCE	11/22/85	PORTER, J.W./OSWER	Final	11	2		OSWER #9850.0-1
8001	32	INTERIM GUIDANCE ON POTENTIALLY RESPONSIBLE PARTY PARTICIPATION IN REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES	05/16/88	PORTER, J.W./OSWER	Final	37	2		OSWER #9835.1a
**		Selection of Remedy/Decision Documents							
9000	32	INTERIM GUIDANCE ON SUPERFUND SELECTION OF REMEDY	12/24/86	PORTER, J.W./OSWER	Final	10	2		OSWER #9355.0-19
9001	32	RCRA/CERCLA DECISIONS MADE ON REMEDY SELECTION	06/24/85	KILPATRICK, M./COMPLIANCE BRANCH, OWPE	Final	3	2		

DATA ELEMENT DEFINITIONS

The data elements of the Compendium database, as identified on the index, are shown below:

DATA ELEMENT	DEFINITION
Doc No	Unique four-digit number assigned to a document included in the Compendium according to category.
Vol	Volume number of the binder in which the hard copy of the document is contained.
Title	Title of the document. **Secondary Reference** is identified following the title when a document relates to more than one category. The document itself is filed under the number series assigned to its primary category.
Date	The date the document was published by or released from the issuing office or entity.
Authors	Author(s) and affiliation(s). Also includes identification of the EPA Project Officer and issuing office, where applicable.
Status	Indicates the status of a document, either draft or final version.
Pages	Total number of printed pages of the document, including any attachments.
Tier	Tier 1 or Tier 2. Tier 1 documents are the core documents of the Compendium as listed in the pamphlet titled "Selected Technical Guidance for Superfund Projects," compiled by OERR. Tier 2 documents are all other documents included in the Compendium.
Attachments	Attachments to a document by complete or abbreviated title.
OSWER/EPA Number	EPA report or OSWER Directive System numbers, where applicable.

LIST OF ORGANIZATIONAL ABBREVIATIONS AND ACRONYMS IDENTIFIED IN THE INDEX

Organization	Acronym
Agency for Toxic Substances and Disease Registry	ATSDR
Center for Environmental Research Information	CERI
Contract Laboratory Program	CLP
U.S. Corps of Engineers	COE
Exposure Assessment Research Division	EARD
Environmental Criteria and Assessment Office	ECAO
Environmental Monitoring Systems Laboratory	EMSL
Emergency Response Division	ERD
Environmental Research Laboratory	ERL
Hazardous Response Support Division	HRSD
Hazardous Site Control Division	HSCD
Hazardous Site Evaluation Division	HSED
Hazardous Waste Engineering Research Laboratory	HWERL
Municipal Environmental Research Laboratory	MERL
Office of Environmental Engineering and Technology	OEET
Office of Emergency and Remedial Response	OERR
Office of Health Effects Assessment	OHEA
Office of Research and Development	ORD
Office of Solid Waste	OSW
Office of Solid Waste and Emergency Response	OSWER
Office of Waste Programs Enforcement	OWPE
Policy Analysis Staff	PAS
Waterways Experiment Station	WES
Waste Management Division	WMD