

US EPA ARCHIVE DOCUMENT

Section II

Guidance Documents

## GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Records Center in Boston, Massachusetts.

### General EPA Guidance Documents

1. "Protection of Wetlands (Executive Order 11990), Appendix D," Federal Register (Vol. 42), 1977.
2. U.S. Environmental Protection Agency. Guidance Manual for Minimizing Pollution from Waste Disposal Sites (EPA/600/2-78/142), August 1978.
3. "Polychlorinated Biphenyls; Criteria Modification; Hearings," Federal Register (Vol. 44, No. 106), May 31, 1979.
4. U.S. Environmental Protection Agency. Municipal Environmental Research Laboratory. Biodegradation and Treatability of Specific Pollutants (EPA/600/9-79/034), October 1979.
5. U.S. Environmental Protection Agency. Municipal Environmental Research Laboratory. Carbon Adsorption Isotherms for Toxic Organics (EPA/600/8-80/023), April 1, 1980.
6. U.S. Environmental Protection Agency. Office of Water and Waste Management. Evaluating Cover Systems for Solid and Hazardous Waste, 1980.
7. U.S. Environmental Protection Agency. Municipal Environmental Research Laboratory. Costs of Remedial Response Actions at Uncontrolled Hazardous Waste Sites, April 15, 1981.
8. U.S. Environmental Protection Agency. Office of Water and Waste Management. Engineering Handbook for Hazardous Waste Incineration (SW-889, OSWER Directive 9488.00-5), September 1981.
9. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Evaluating Cover Systems for Solid and Hazardous Waste (Revised Edition) (SW-867, OSWER Directive 9476.00-1), September 1982.
10. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Lining of Waste Impoundment and Disposal Facilities (SW-870, OSWER Directive 9480.00-4), March 1983.
11. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Joint Corps/EPA Guidance (OSWER Directive 9295.2-02), June 24, 1983.
12. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance Manual for Hazardous Waste Incinerator Permits (EPA SW-966), July 1983.
13. U.S. Environmental Protection Agency. Municipal Environmental Research Laboratory. Handbook for Evaluating Remedial Action Technology Plans (EPA/600/2-83/076), August 1983.
14. "Final and Proposed Amendments to the National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300), September 8, 1983.

15. "National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300), 1985.
16. "National Oil and Hazardous Substances Pollution Contingency Plan - Final Rule," Federal Register (Vol. 55, No. 46), March 8, 1990.
17. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/HW-6), September 1983.
18. U.S. Environmental Protection Agency. Office of Research and Development and Office of Emergency and Remedial Response. Case Studies 1-23: Remedial Response at Hazardous Waste Sites (EPA 540/2-84/002b), March 1984.
19. U.S. Environmental Protection Agency. Environmental Monitoring Systems Laboratory. Soil Sampling Quality Assurance User's Guide (EPA/600/4-84/043), May 1984.
20. "Polychlorinated Biphenyls (PCBs); Final Rules and Notice of Request for Additional Comments on Certain Individual and Class Petitions for Exemption," Federal Register (Vol. 49, No. 133), July 10, 1984.
21. U.S. Environmental Protection Agency. Office of Ground-Water Protection. Ground-Water Protection Strategy (EPA/440/6-84/002), August 1984.
22. U.S. Environmental Protection Agency. Environmental Criteria and Assessment Office. Health Effects Assessment Documents (58 Chemical Profiles) (EPA/540/1-86/001-058), September 1, 1984.
23. U.S. Environmental Protection Agency. Office of Research and Development and Office of Emergency and Remedial Response. Review of In-Place Treatment Techniques for Contaminated Surface Soils - Volume 1: Technical Evaluation (EPA/540/2-84/003a), September 1984.
24. "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act; Final Rule and Interim Final Rule and Proposed Rule," Federal Register (Vol. 49, No. 209), October 26, 1984.
25. U.S. Environmental Protection Agency. Hazardous Response Support Division. Standard Operating Safety Guides, November 1984.
26. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Field Standard Operating Procedures Manual #4: Site Entry (OSWER Directive 9285.2-01), January 1, 1985.
27. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Field Standard Operating Procedures Manual #8: Air Surveillance (OSWER Directive 9285.2-03), January 1, 1985.
28. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. Development of Statistical Distribution or Ranges Standard Factors Used in Exposure Assessments (EPA OHEA-E-16), March 1985.

29. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Field Standard Operating Procedures Manual #6: Work Zones (OSWER Directive 9285.2-04), April 1, 1985.
30. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Field Standard Operating Procedures Manual #9: Site Safety Plan (OSWER Directive 9285.2-05), April 1, 1985.
31. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance Document for Cleanup of Surface Tank and Drum Sites (OSWER Directive 9380.0-3), May 28, 1985.
32. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Project Summary: Settlement and Cover Subsidence of Hazardous Waste Landfills (EPA/600/S2-85/035), May 1985.
33. U.S. Environmental Protection Agency. Environmental Research Laboratory. EPA Guide for Minimizing the Adverse Environmental Effects of Cleanup of Uncontrolled Hazardous-Waste Sites (EPA/600/8-85/008), June 1985.
34. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance on Remedial Investigations under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (EPA/540/G-85/002), June 1985.
35. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Guidance on Feasibility Studies under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (EPA/540/G-85/003), June 1985.
36. U.S. Environmental Protection Agency. Environmental Monitoring Systems Laboratory. Sediment Sampling Quality Assurance User's Guide (EPA/600/4-85/048), July 1985.
37. Memorandum from William N. Hedeman, Director, U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Toxic and Waste Management Division Directors, Regions I-X (OSWER Directive 9280.0-02), August 1, 1985 (discussing policy on flood plains and wetland assessments for CERCLA Actions).
38. U.S. Environmental Protection Agency. Office of Waste Programs Enforcement. Toxicology Handbook (OSWER Directive 9850.2), August 1, 1985.
39. Memorandum from Gene Lucero, U.S. Environmental Protection Agency Office of Waste Programs Enforcement to Addressees ("Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Region III; Director, Air and Waste Management Division, Region VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous and Waste Division, Region X"), August 28, 1985 (discussing community relations activities at Superfund Enforcement sites).
40. U.S. Environmental Protection Agency. Office of Waste Programs Enforcement. Endangerment Assessment Handbook, August 1985.
41. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory and Office of Emergency and Remedial Response. Covers for Uncontrolled Hazardous Waste Sites (EPA 540/2-85/002), September 1985.

42. U.S. Environmental Protection Agency. Chemical, Physical, and Biological Properties of Compounds Present at Hazardous Waste Sites (OSWER Directive 9850.3), September 27, 1985.
43. U.S. Department of Health and Human Services. National Institute for Occupational Safety and Health, and Occupational Safety and Health Administration. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, October 1985.
44. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Handbook of Remedial Action at Waste Disposal Sites (EPA/625/6-85/006), October 1985.
45. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Handbook: Remedial Action at Waste Disposal Sites (Revised) (EPA/625/6-85/006), October 1985.
46. Memorandum from J. Winston Porter, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Addressees ("Regional Administrators, Regions I-X; Directors, Environmental Services Division, Regions I-X; Regional Counsels, Regions I-X, Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Region III; Director, Air and Waste Management Division, Regions II and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous and Waste Division, Region X") (OSWER Directive 9850.0-1), November 22, 1985 (discussing endangerment assessment guidance).
47. U.S. Environmental Protection Agency and Michigan Department of Natural Resources. Field Screening for Organic Contaminants in Samples from Hazardous Waste Sites, April 2, 1986.
48. Memorandum from Henry L. Longest III, U.S. Environmental Protection Agency Office of Emergency and Remedial Response, Rebecca Hanmer, Office of Water Enforcement and Permits, and Gene A. Lucero, Office of Waste Programs Enforcement to Waste Management Division Directors, Regions I-X and Water Management Division Directors Regions I-X, April 15, 1986 (discussing discharge of wastewater from CERCLA sites into POTWs).
49. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. Development of Advisory Levels for Polychlorinated Biphenyls (PCBs) Cleanup (EPA 600/8-86/002, OHEA-E-187), May 1986.
50. Memorandum from Barry L. Johnson, Associate Administrator, ATSDR to U.S. Environmental Protection Agency Regional Superfund Programs, June 16, 1986, (discussing ATSDR health assessments on NPL sites).
51. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance Document for Cleanup of Surface Impoundment Sites (OSWER Directive 9380.0-6), June 1986.
52. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Remedial Design and Remedial Action Guidance (OSWER Directive 9355.0-4A), June 1986.



53. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. PCB Sediment Decontamination - Technical/Economic Assessment of Selected Alternative Treatment, September 15, 1986.
54. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), September 20, 1986.
55. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (EPA/540/G-88/003, OSWER Directive 9283.1-2), December 1988.
56. "Guidelines for the Health Risk Assessment of Chemical Mixtures," Federal Register (Vol. 51, No. 185), September 24, 1986.
57. U.S. Environmental Protection Agency. Center for Environmental Research Information. Handbook: Permit Writer's Guide to Test Burn Data: Hazardous Waste Incineration (EPA/625/6-86/012), September 1986.
58. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Systems to Accelerate in Situ Stabilization of Waste Deposits (EPA 540/2-86/002), September 1986.
59. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Mobile Treatment Technologies for Superfund Wastes (EPA 540/2-86/003 (f)), September 1986.
60. U.S. Environmental Protection Agency. Hazardous Waste Ground Water Task Force. Protocol for Ground-Water Evaluation September 1986.
61. U.S. Environmental Protection Agency. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended October 17, 1986.
62. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Public Health Evaluation Manual (EPA/540/1-86/060, OSWER Directive 9285.4-1), October 1986.
63. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), October 1986.
64. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Interim Guidance on Superfund Selection of Remedy (OSWER Directive 9355.0-19), December 24, 1986.
65. Memorandum from J. Winston Porter, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Regional Administrators, Regions I-X; Regional Counsels, Regions I-X, Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous and Waste Division, Region X; Environmental Services Division Directors, Regions I, VI, and VII (OSWER Directive 9355.0-19), December 24, 1986 (discussing interim guidance on Superfund selection of remedy).

66. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Federal-Lead Remedial Project Management Handbook (EPA/540/G-87/001, OSWER Directive 9355.1-1), December 1986.
67. U.S. Environmental Protection Agency. Office of Ground-Water Protection. Guidelines for Ground-Water Classification under the EPA Ground-Water Protection Strategy, December 1986.
68. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Glossary (WH/FS-86-007), Winter 1986.
69. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Technology Briefs: Data Requirements for Selecting Remedial Action Technology (EPA/600/2-87/001), January 1987.
70. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Data Quality Objectives for Remedial Response Activities: Development Process (EPA/540/G-87/003, OSWER Directive 9355.0-7B), March 1987.
71. U.S. Environmental Protection Agency. Office of Waste Programs Enforcement. Data Quality Objectives for Remedial Response Activities - Example Scenario: RI/FS Activities at a Site with Contaminated Soils and Groundwater (EPA/540/G-87/004, OSWER Directive 9355.0-7B), March 1987.
72. U.S. Environmental Protection Agency. Hazardous Waste Engineering Research Laboratory. Project Summary: PCB Sediment Decontamination - Technical/Economic Assessment of Selected Alternative Treatments (EPA/600/S2-86/112), March 1987.
73. "PCB Spill Cleanup Policy," Federal Register (Vol. 52, No. 63), April 2, 1987.
74. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Environmental Review Requirements for Removal Actions (OSWER Directive 9318.0-05), April 13, 1987.
75. U.S. Environmental Protection Agency. Office of Water Regulations and Standards. Quality Criteria for Water 1986 (EPA/440/5-86/001), May 1, 1987.
76. Memorandum from J. Winston Porter, Assistant Administrator, U.S. Environmental Protection Agency to Regional Administrators, Regions I-X (OSWER Directive 9285.4-02), May 14, 1987 (discussing final guidance for the coordination of ATSDR health assessment activities with the Superfund remedial process).
77. Letter from Lee M. Thomas, U.S. Environmental Protection Agency to James J. Florio, Chairman, Subcommittee on Consumer Protection and Competitiveness, Committee on Energy and Commerce, U.S. House of Representatives, May 21, 1987 (discussing EPA's implementation of the Superfund Amendments and Reauthorization Act of 1986).
78. U.S. Environmental Protection Agency. Quality Assurance Management Staff. Guidelines and Specifications for Preparing Quality Assurance Program Documentation, June 1987.
79. "Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions," Code of Federal Regulations (Title 40, Part 761), July 1, 1987.



80. Memorandum from J. Winston Porter, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Addressees ("Regional Administrators, Regions I-X; Regional Counsel, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X; Environmental Services Division Directors, Region I, VI, and VII") (OSWER Directive 9234.0-05), July 9, 1987 (discussing interim guidance on compliance with applicable or relevant and appropriate requirements).
81. Memorandum from Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Directors, Waste Management Division, Regions I, IV, V, VI, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Directors, Hazardous Waste Management Division, Regions III and X; Directors, Toxics and Waste Management Division, Region IX (OSWER Directive 9355.0-20), July 23, 1987 (discussing RI/FS improvements).
82. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Additional Interim Guidance for Fiscal Year 1987 Record of Decisions, (OSWER Directive 9355.0-21), July 24, 1987.
83. Memorandum from Francis S. Blake, General Counsel, to J. Winston Porter, Assistant Administrator for Solid Waste and Emergency Response, July 31, 1987 (discussing the scope of the CERCLA petroleum exclusion under sections 101 (14) and 104 (a) (2)).
84. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Alternate Concentration Limits Guidance (OSWER Directive 9481.00-6C, EPA/530-SW-87-017), July 1987.
85. U.S. Environmental Protection Agency. Environmental Research Laboratory. Role of Acute Toxicity Bioassays in the Remedial Action Process at hazardous Waste Sites (EPA/600/8-87/044), August 1, 1987.
86. Memorandum from Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response and Gene Lucero, U.S. Environmental Protection Agency Office of Waste Programs Enforcement to Waste Management Division Directors, Regions I-X and Environmental Services Division Directors, Regions I, VI, and VII, August 11, 1987, (discussing land disposal restrictions).
87. U.S. Environmental Protection Agency. Center for Environmental Research Information. A Compendium of Technologies Used in the Treatment of Hazardous Waste (EPA/625/8-87/014), September 1987.
88. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Office of Emergency and Remedial Response. Interim Final Guidance on Removal Action Levels at Contaminated Drinking Water Sites (OSWER Directive 9360.1-01), October 6, 1987.
89. Memorandum from Denise M. Keehner, Chief, U.S. Environmental Protection Agency Chemical Regulation Branch to Bill Hanson, U.S. Environmental Protection Agency Site Policy and Guidance Branch, October 14, 1987 (discussing comments on the PCB contamination -- regulatory and policy background memorandum).

90. U.S. Environmental Protection Agency. Office of Research and Development and Office of Solid Waste and Emergency Response. Remedial Action Costing Procedures Manual. October 1987.
91. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Public Involvement in the Superfund Program (WH/FS-87-004R), Fall 1987.
92. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund (WH/FS-87-001R), Fall 1987.
93. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. The Superfund Remedial Program (WH/FS-87-002R), Fall 1987.
94. Memorandum from J. Winston Porter, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Regional Administrators, Region I-X (OSWER Directive 9834.11), November 13, 1987 (discussing revised procedures for implementing off-site response actions) with attached "Revised Procedures for Implementing Off-Site Response Actions."
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97. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. A Compendium of Superfund Field Operations Methods (OSWER Directive 9355.0-14), December 1987.
98. "Estimated Soil Ingestion Rates for Use in Risk Assessment," Risk Analysis (Vol. 7, No. 3), 1987.
99. "PCB Sediment Decontamination Processes Selection for Test and Evaluation," Hazardous Waste and Hazardous Materials (Vol. 5, No. 3), January 1, 1988.
100. "Guidelines for PCB Levels in the Environment," The Hazardous Waste Consultant, January/February 1988.
101. U.S. Environmental Protection Agency. Hazardous Evaluation Division. Laboratory Data Validation Functional Guidelines for Evaluating Organics, February 1, 1988.
102. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response and Office of Research and Development. The Superfund Innovative Technology Evaluation Program: Progress and Accomplishments (EPA/540/5-88/001), February 1988.
103. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Removal Procedures - Revision Number Three (OSWER Directive 9360.0-03B), February 1988.

104. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Conducting Remedial Investigations and Feasibility Studies under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act). March 1988.
105. Memorandum from Timothy Fields, Jr., U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Superfund Branch Chiefs, Regions I-X and OHM Coordinators, Regions I-X, April 19, 1988 (discussing information on drinking water action levels).
106. Memorandum from Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response to Directors, Waste Management Division, Regions I, IV, V, and VI; Director, Emergency and Remedial Response Division, Region II; Directors, Hazardous Waste Management Division, Regions III and X; Directors, Toxics and Waste Management Division, Region IX; Director, Environmental Services Division, Regions I-X (OSWER Directive 9355.0-05), April 25, 1988 (discussing RI/FS improvements follow-up).
107. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Draft Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), April 1988.
108. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Exposure Assessment Manual (EPA/540/1-88/001, OSWER Directive 9285.5-1), April 1988.
109. U.S. Environmental Protection Agency. Office of Research and Development and Office of Drinking Water. Drinking Water Criteria for Polychlorinated Biphenyls (PCBs) (Final) (ECAO-CIN-414), April 1988.
110. Memorandum from J. Winston Porter, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Regional Administrators, Regions I-X; Regional Counsel, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; and Director, Hazardous and Waste Division, Region X (OSWER Directive 9835.1a), May 16, 1988 (discussing interim guidance of potentially responsible party participation in remedial investigations and feasibility studies).
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112. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/540/G-88/002, OSWER Directive 9230.0-3A), June 1988.
113. U.S. Environmental Protection Agency. Hazardous Site Evaluation Division. Laboratory Data Validation Functional Guidelines for Evaluating Inorganics, July 1, 1988.
114. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Catalog of Superfund Program Directives (Interim Version) (OSWER Directive 9200.7-01), July 1988.

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116. Public Health Risk Evaluation Database (PHRED) User's Manual (two diskettes containing the dBase III+ system are included), September 16, 1988.
117. Record of Decision, Groveland Wells, Groveland, Massachusetts, EPA Region I, Boston, Massachusetts, September 30, 1988.
118. Galson Research Corporation. Laboratory Scale Testing Report: KPEG Processing of Wide Beach Development Site Soils, September 30, 1988.
119. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Lining of Waste Containment and Other Impoundment Facilities (EPA/600/2-88/052), September 1988.
120. U.S. Environmental Protection Agency. Puget Sound Estuary Program, Region X. Sediment Quality Values Refinement: 1988 Update and Evaluation of Puget Sound AET (Executive Summary only), September 1988.
121. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Technology Screening Guide for Treatment of CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Soils and Sludges (EPA 540/2-88/004), September 1988.
122. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Field Screening Methods Catalog: User's Guide (EPA/540/2-88/005), September 1988.
123. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Removal Program Policy Notebook - Volume 1, October 12, 1988.
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125. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) (Interim Final) (EPA/540/G-89/004, OSWER Directive 9355.3-01), October 1988.
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128. Memorandum from Michael Callahan, U.S. Environmental Protection Agency Office of Health and Environmental Assessment to Henry L. Longest, U.S. Environmental Protection Agency Office of Emergency and Remedial Response, December 6, 1988 (discussing update of PCB cleanup-levels).



129. Memorandum from Don. R. Clay, Assistant Administrator, U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response to Waste Management Division Directors, Regions I-X and Regional Counsel, Regions I-X (OSWER Directive 9234.1-06), December 27, 1988 (discussing applicability of land disposal restrictions to RCRA and CERCLA ground water treatment reinjection; Superfund management review: recommendation No. 26).
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133. Interagency Cooperative Publication. Federal Manual for Identifying and Delineating Jurisdictional Wetlands, January 1989.
134. Memorandum from Bruce M. Diamond, U.S. Environmental Protection Agency Office of Waste Programs Enforcement et al. to Addressees ("Directors, Waste Management Division, Regions I, IV, VII, VIII; Director, Emergency and Remedial Response Division, Region II; Directors, Hazardous Waste Management Division, Regions III, VI; Director, Toxic and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X"), February 9, 1989 (discussing interim final guidance on soil ingestion rates).
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137. Memorandum from Bill Hanson, U.S. Environmental Protection Agency Site Policy and Guidance Branch to Regional Superfund Branch Chiefs, Regions I-X, April 7, 1989 (discussing PCB Contamination at Superfund Sites).
138. Memorandum from Jonathan Z. Cannon to Regional Administrators, Regions I-X (OSWER Directive 9347.1-0), April 17, 1989 (discussing policy for Superfund compliance with the RCRA land disposal restrictions).
139. U.S. Environmental Protection Agency. Risk Reduction Engineering Laboratory. Technology Evaluation Report: SITE Program Demonstration Test Terra Vac In Situ Vacuum Extraction System Groveland, Massachusetts, Volume I (EPA/540/5-89/003a), April 1989.

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144. Memorandum from Henry L. Longest II and Gerald Emison, EPA Headquarters to Addressees ("Regional Waste Management Division Directors; Regional Superfund Branch Chiefs; Regional Air Division Directors; Regional Air Branch Chiefs; OERR Division Directors; OAQPS Division Directors"), June 15, 1989 (discussing control of air emissions from air strippers).
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4.6 Feasibility Study (FS) Reports

Reports

*part of appendices*

*The records cited in entry numbers 1 through 5 may be reviewed, by appointment only, at the EPA Region I Records Center in Boston, Massachusetts.*

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Comments

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e filmed image is less clear  
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PETERSON / PURITAN INC.  
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