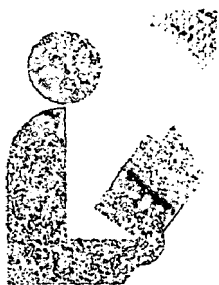




# **EPA Publications Bibliography**

## **Quarterly Abstract Bulletin**



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## SAMPLE ENTRY

<b>NTIS Order Number/Media Code Price Codes</b>	<b>PB94-100443/REB</b> <b>PC A10/MF A03</b>
<b>Report Title</b>	Engineering and Environmental Aspects of Recycled Materials for Highway Construction
<b>Corporate Author</b>	University of Wyoming Research Corp., Laramie
<b>Personal Authors</b>	D. Bloomquist, G. Diamond, M. Oden, B. Ruth, and M. Tia.
<b>Date</b>	Jul 93
<b>Pages</b>	222p
<b>Report Number</b>	EPA/530/R-93/013A
<b>Contract Number</b>	DTFH61-93-C-00060
<b>Abstract</b>	The report represents an assessment of environmental aspects and engineering factors related to the utilization of recycled materials in highway construction. A basic overview and assessment of different technologies, processes, and methods of recycling various material into highway appurtenances and for highway construction are presented with consideration of environmental and health risks.
<b>Keywords (Descriptors &amp; Identifiers)</b>	*Recycled materials, *Road materials, *Environmental impact assessments, Waste recycling, Materials recovery, Highway construction, Environmental issues, Emission factors, Risk assessment, Asphalts, Plastics, Glass, Rubber, Public health, Engineering assessment.

# EPA PUBLICATIONS BIBLIOGRAPHY

## Quarterly Abstract Bulletin

**PB97-963111REB** PC A02/MF A01  
**Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): United Heckathorn Company, Richmond, CA., November 29, 1996.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Mar 98, 8p. EPA/541/R-97/035. See also PB95-964501.

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The United States Environmental Protection Agency (EPA) is issuing this explanation of significant differences (ESD) for the United Heckathorn Superfund Site located in Richmond, California (the Site). The U.S. National Oceanic and Atmospheric Administration (NOAA), recommended that the dredging of the Lauritzen Channel and Parr Canal not be conducted during the period from December 1 to March 1 in order to protect the herring spawning season in San Francisco Bay. By this ESD, EPA is now authorizing and allowing marine response actions, including dredging and related activities, in the Lauritzen Channel and Parr Canal, to be conducted on and after December 1.

**Keywords:** \*Superfund, \*Hazardous materials, \*Waste disposal, \*Water pollution control, DDT, Dieldrin, Pesticide residues, Sediments, Dredging, Capping, Fisheries, Environmental monitoring, Restrictions, Remedial action, California, \*ESD(Explanation of Significant Difference), \*Explanation of Significant Difference, Record of Decision, Richmond(California), Central Costa County(California), Cleanup operations.

**PB97-963117REB** PC A08/MF A02  
**Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Selma Treating Co., Selma, CA., April 18, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 132p. EPA/541/R-97/041. See also PB89-204853 and PB95-963122.

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On September 24, 1988, the United States Environmental Protection Agency ("EPA") signed the Record of Decision ("1988 ROD") for the Selma Pressure Treating Superfund Site in Selma, California ("Site"). This Explanation of Significant Differences No. 2 ("ESD2") explains the significant differences between the remedial action selected in the 1988 ROD, as changed by the Explanation of Significant Differences issued in 1993 (1993 ESD), and the remedial action which will be implemented at the Site. This ESD2 explains changes in certain remedial action details pertaining to the return of the treated water to the aquifer as described in the ROD. The 1988 ROD selected a groundwater remedy which would employ a conventional precipitation, coagulation, and flocculation extraction and treatment process, with either reinjection or off-site disposal of the treated effluent. Based on reconsideration of certain technical information during the design phase and additional data gathered pursuant to the ROD, EPA proposes to modify the remedy by using percolation ponds to return the treated water to the aquifer.

**Keywords:** \*Superfund, \*Hazardous materials, \*Water pollution control, Pentachlorophenol, Phenols, Wood preservatives, Ground water, Aquifers, Water treatment, Discharge(Water), California, \*ESD(Explanation of Significant Difference), \*Explanation of Significant Difference, \*First Remedial Action, Selma(California), Fresno County(California), Record of Decision, Cleanup operations.

**PB97-963119REB** PC A02/MF A01  
**Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Toftdahl Drums, Brush Prairie, WA., June 17, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 10p. EPA/541/R-97/053. See also PB87-187738 and PB90-119553.

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The purpose of this Explanation of Significant Differences (ESD) is to discontinue the long-term ground water monitoring at the Toftdahl Drums site. All Remedial Investigation and post-ROD data collected by Ecology demonstrate there is no ground water contamination problem associated with this site. Continued groundwater monitoring is not needed to ensure protection of human health and the environment.

**Keywords:** \*Superfund, \*Hazardous materials, \*Waste management, Heavy metals, Ground water, Water pollution monitoring, Remedial action, Washington, \*ESD(Explanation of Significant Difference), \*Explanation of Significant Difference, Record of Decision, Brush Prairie(Washington), Clark County(Washington).

**PB97-963120REB** PC A07/MF A02  
**Superfund Explanation of Significant Difference of the Record of Decision (EPA Region 10): Commencement Bay, Near Shore/Tide Flats, Operable Unit 01 - Sediments and Operable Unit 05 - Source, Pierce County, WA., July 28, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 120p. EPA/541/R-97/059. See also PB89-225544.

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The purpose of this Explanation of Significant Difference ESD is to modify the cleanup level for remediation of marine sediments contaminated with polychlorinated biphenyls (PCBs) at the Commencement Bay Nearshore/Tideflats (CB/NT) Superfund site. EPA's September 30, 1989, Record of Decision (ROD) for the BN/NT Site established cleanup levels, called Sediment human health and the environment at the CB/NT Site. With this ESD, EPA is modifying the PCB SRAL to 450 micrograms/kg, to be achieved during cleanup, and the PCB SQO 300 micrograms/kg, to be achieved 10 years after cleanup.

**Keywords:** \*Superfund, \*Hazardous materials, \*Land pollution control, Commencement Bay, Polychlorinated biphenyls, Sediments, Excavation, Washington, \*ESD(Explanation of Significant Difference), \*Explanation of Significant Difference, \*First Remedial Action, Record of Decision, Natural attenuation, Cleanup operations, Pierce County(Washington).

**PB97-963121REB** PC A06/MF A01  
**Superfund Record of Decision Amendment (EPA Region 10): Gould, Inc., Soils Operable Unit, Portland, OR., June 3, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 78p. EPA/541/R-97/060. See also PB89-153852.

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This decision document presents the selected amended remedial action for the Soils Operable Unit at the Gould Superfund Site (Site). This decision documents changes to several components of the selected remedial action for the Gould Site Soils Operable Unit. The ROD for this operable unit, signed on March 31, 1988, required treatment of contaminated battery casings to remove and recycle lead, and treatment of soil, sediment and mat to reduce the mobility of lead. This ROD Amendment allows treated and untreated contaminated material to be consolidated and contained in an on-site containment facility (OCF) on the Gould property.

**Keywords:** \*Superfund, \*Hazardous materials, \*Waste disposal, \*Land pollution control, Debris, Batteries, Lead(Metal), Leachate, Soil contamination, Sediments, Soil treatment, Containment, Ground water, Water pollution monitoring, Environmental monitoring, Restrictions, Oregon, \*Record of Decision Amendment, \*First Remedial Action, Portland(Oregon), Multnomah County(Oregon), Cleanup operations.

**PB97-963127REB** PC A04/MF A01  
**Superfund Record of Decision (EPA Region 10): Hanford Site - 100 Area (USDOE) 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Benton County, WA., April 4, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 38p. EPA/541/R-97/044. See also PB95-964616.

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This decision document changes components of the selected interim remedial action for the Hanford 100 Area radioactive liquid effluent disposal sites and clarifies the roles of revegetation or remediated sites with respect to the completion of the remedial actions. This amendment increases the scope of the selected remedy to include 34 additional sites in the 100 Area that received similar waste discharges and reduces the overall estimated cost for the remedial action to \$194 million for 71 sites. This amendment also recognizes the results of the soil volume reduction treatability studies that indicate soil washing for volume reduction is not cost effective. Therefore, this treatment step will no longer be retained as an option for the 100 Area radioactive liquid effluent disposal sites. This amendment also clarifies that revegetation of remediated wastes sites will be addressed using the guidance provided in the current Mitigation Action Plan.

**Keywords:** \*Superfund, \*Hazardous materials, \*Land pollution control, \*Radioactive waste management, Hanford Reservation, Radioactive effluents, Liquid wastes, Soil management, Soil treatment, Revegetation, Remedial action, \*Record of Decision Amendment, Benton County(Washington), Cleanup operations.

**PB97-963128REB** PC A03/MF A01  
**Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Teledyne Wah Chang, Albany, OR., October 8, 1996.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 24p. EPA/541/R-97/082. See also PB91-921414.

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This document addresses significant change to the Groundwater and Sediments Remedy described in the

**Final Remedial Action of Groundwater and Sediments Operable Unit, Teledyne Wah Chang Albany, June 10, 1994.** In the development of that document, Teledyne petitioned EPA to make the modifications to the perimeter containment requirements of the groundwater ROD (described in Section 5). The rationale for the perimeter changes is based on groundwater data collected subsequent to the RI/FS. The additional changes are the logical outgrowth of translating ROD requirements into an implementable Scope of Work based on the newly available data.

**Keywords:** "Superfund," "Hazardous materials," "Water pollution control, Ammonium compounds, Metals, Polychlorinated biphenyls, Radioisotopes, Thorium, Sludges, Ground water, Sediments, Remedial action, Oregon," "ESD(Explanation of Significant Difference)," "Explanation of Significant Difference, Record of Decision, Albany(Oregon), Linn County(Oregon), Volatile organic compounds, Semivolatile organic compounds, Cleanup operations.

**PB97-963129REB PC A03/MF A01**  
**Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Volney Municipal Landfill, Town of Volney, NY., August 7, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 12p, EPA/541/R-97/086.  
See also PB88-126552.

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This ESD modifies the previously-selected remedy, which consists of supplemental capping of the landfill side slopes, installation of a more extensive leachate collection system, installation of a slurry wall, performance of treatability studies to determine if leachate treatment/disposal should be on- or off-site, implementation of the on- or off-site treatment/disposal alternative, and long-term monitoring. Based upon the results of pre-design studies, the authors propose to modify the remedy to include supplemental capping of the landfill side slopes, continued leachate collection from the existing leachate collection system, intermittent ground water extraction on an as-needed-basis (after initial pumping), off-site leachate and ground-water treatment, and long-term monitoring.

**Keywords:** "Superfund," "Hazardous materials," "Waste disposal," "Water pollution control, Landfills, Liquid wastes, Capping, Leachate, Ground water, Extraction, Water treatment, Barriers, Environmental monitoring, Water pollution monitoring, New York," "ESD(Explanation of Significant Difference)," "Explanation of Significant Difference," "First Remedial Action, Record of Decision, Volney(New York), Oswego County(New York), Volatile organic compounds, Cleanup operations.

**PB97-963134REB PC A07/MF A02**  
**Superfund Record of Decision Amendment (EPA Region 6): South Cavalcade Street Site, Houston, TX., June 27, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 112p, EPA/541/R-97/121.  
See also PB89-206270.

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This decision document presents an amendment to the selected remedial action for the South Cavalcade Street Site. This amendment fundamentally changes the Record of Decision (ROD) executed by the Regional Administrator on September 26, 1988. This amended remedy will seal and contain soils contaminated with greater than 700 ppm carcinogenic polyaromatic hydrocarbons (CPAH) beneath a six inch thick reinforced concrete cap.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control, Polycyclic aromatic hydrocarbons, Creosote, Wood preservatives, Soil contamination, Capping, Texas," "Record of Decision Amendment," "First Remedial Action, Houston(Texas), Harris County(Texas), Cleanup operations.

**PB97-963136REB PC A04/MF A01**  
**Superfund Record of Decision Amendment (EPA Region 10): Hanford Site - 200 Area (USDOE), Benton County, WA., September 25, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 34p, EPA/541/R-97/101.  
See also PB95-964602.

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This ROD Amendment is based on the Administrative Record for the Environmental Restoration Disposal Facility. The ERDF ROD specifies that expansion of the facility would be authorized as-needed through the ROD amendment process. Based on estimated remediation waste volumes presented in the ERDF ROD, additional disposal cells were anticipated. This Amendment authorizes two additional ERDF cells to be constructed and operated for disposal of Hanford Site remediation waste. The Phase II construction shall be located entirely within the 4.1 square kilometer (1.6 square miles) area selected for ERDF, as defined in the ERDF ROD.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Waste disposal, Hanford Reservation, Polychlorinated biphenyls, Radioisotopes, Pesticides, Metals, Asbestos, Waste treatment, Containment, Containers, Remedial action, Washington," "Record of Decision Amendment, Benton County(Washington), Volatile organic compounds, Semivolatile organic compounds, Cleanup operations.

**PB97-963156REB PC A08/MF A02**  
**Superfund Record of Decision Amendment (EPA Region 4): Arlington Blending and Packaging, Arlington, TN., July 24, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 132p, EPA/541/R-97/183.  
See also PB92-964014.

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This decision document describes a fundamental change to the ground-water restoration approach presented in the June 1991 Record of Decision (ROD) for the Arlington Blending and Packaging Site (Site). As the result of information developed since the original ROD was finalized, EPA Region 4 has decided to employ monitored natural attenuation as the new Selected Remedy. Site-specific characterization data indicated that shallow aquifer ground-water plumes flowing beneath the downgradient of the Site do not pose a realistic threat to human health or the environment.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Pesticides, Endrin, Pentachlorophenol, Ground water, Aquifers, Plumes, Site characterization, Tennessee," "Record of Decision Amendment," "First Remedial Action, Arlington(Tennessee), Shelby County(Tennessee), Volatile organic compounds, Natural attenuation.

**PB97-963157REB PC A06/MF A01**  
**Superfund Record of Decision Amendment (EPA Region 4): Coleman-Evans Wood Preserving Co., Whitehouse, FL., September 25, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 84p, EPA/541/R-97/184.  
See also PB87-188843 and PB91-921560.

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This decision document represents an amendment to the selected remedial action for the Coleman-Evans Wood preserving Site (Site) in Whitehouse, Florida. This amendment is necessary because during design of the remedy that was selected in the 1990 Amended Record of Decision, dioxin was discovered at the Site as a new contaminant of concern. This document selects a new interim remedy to address an estimated 45,000 cubic yards of pentachlorophenol (PCP) and dioxin-contaminated source material (i.e., soil, sediment, and debris) and expands the scope of the groundwater remedy to permanently address PCP-,

and potentially dioxin-, contaminated groundwater in the upper surficial aquifer.

**Keywords:** "Superfund," "Hazardous materials," "Waste disposal," "Land pollution control," "Water pollution control, Pentachlorophenol, Dioxin, Debris, Soil contamination, Sediments, Ground water, Aquifers, Soil treatment, Water treatment, Florida," "Record of Decision Amendment," "First Remedial Action, Whitehouse(Florida), Duval County(Florida), Cleanup operations.

**PB97-963159REB PC A05/MF A01**  
**Superfund Record of Decision Amendment (EPA Region 4): Munisport Landfill, North Miami, FL., September 5, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 62p, EPA/541/R-97/187.  
See also PB91-921525.

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This decision document represents an amendment to the Record of Decision (ROD) formerly issued by the United States Environmental Protection Agency on July 26, 1990. This amendment provides for no further remedial action under CERCLA.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Landfills, Ammonia, Aquatic biology, Mangrove swamps, Water quality, Florida," "Record of Decision Amendment," "First Remedial Action, North Miami(Florida), Dade County(Florida).

**PB97-963701REB PC A06/MF A01**  
**Superfund Record of Decision (EPA Region 1): Cheshire Groundwater Contamination, Cheshire, CT., December 31, 1998.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 96p, EPA/541/R-97/001.

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This decision document presents the selected No Action decision for the Cheshire Ground Water Contamination Site (the "Site"), located in Cheshire, Connecticut. EPA has determined that its response at this site is complete and no remedial action is necessary to ensure protection of human health and the environment.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Ground water, Remedial action, Connecticut," "Record of Decision, Cheshire(Connecticut), New Haven County(Connecticut), Volatile organic compounds.

**PB97-963702REB PC A11/MF A03**  
**Superfund Record of Decision (EPA Region 1): Loring Air Force Base, Operable Unit 13, Limestone, ME., June 16, 1997.** Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 212p, EPA/541/R-97/002.

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The former Loring Air Force Base (LAFB), in northeastern Maine, is bordered on the south and east by the Town of Limestone, on the north by the towns of Caswell and Connor, and on the west by the City of Caribou. This Record of Decision (ROD) relates to OU 13, the basewide surface water and sediment operable unit.

**Keywords:** "Superfund," "Hazardous materials," "Water pollution control, Air Force facilities, Pesticides, Barium, Metals, Surface waters, Sediments, Installation restoration, Remedial action, Maine," "Record of Decision, Loring Air Force Base, Limestone(Maine), Aroostook County(Maine), Volatile organic compounds, Semivolatile organic compounds, Cleanup operations.



**PB97-963707REB** PC A08/MF A02  
**Superfund Record of Decision (EPA Region 1):**  
**Fort Devens-Sudbury Training Annex (Areas of**  
**Contamination A4, A7, and A9), Middlesex County,**  
**MA., September 30, 1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Jan 98, 150p, EPA/541/R-97/160.  
 See also PB96-963701.  
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The U.S. Army Sudbury Annex (the Annex) is a National Priorities List (NPL) site under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). This Record of Decision addresses past releases of contaminants to all media at Area of Contamination (AOC) A4-Waste Dump, and past releases to groundwater at AOC A7-Old Gravel Pit Landfill and AOC A9-Petroleum, Oil, and Lubricant (POL) Burn Area.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Army facilities, Petroleum products, Oils, Lubricants, Hydrocarbons, Metals, Soils, Ground water, Installation restoration, Remedial action, Massachusetts," "Record of Decision, Fort Devens, Sudbury Training Annex, Middlesex County(Massachusetts).

**PB97-963708REB** PC A09/MF A02  
**Superfund Record of Decision (EPA Region 1):**  
**Gallup's Quarry Superfund Site, Plainfield, CT.,**  
**September 30, 1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Jan 98, 152p, EPA/541/R-97/161.  
 See also PB91-173492.  
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The Gallup's Quarry Superfund Site is located at 86 Tarbox Road, in the Town of Plainfield, Windham County, Connecticut. The selected remedy was developed by combining components of different source control and management of migration alternatives to obtain a comprehensive approach for addressing Site contamination. In summary the remedy calls for natural attenuation of contaminants in soil and groundwater, a long-term sampling and analysis program, and institutional controls to restrict Site use.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Metals, Polychlorinated biphenyls, Pesticides, Ground water, Soil contamination, Restrictions, Sampling, Remedial action, Connecticut," "Record of Decision, Plainfield(Connecticut), Windham County(Connecticut), Volatile organic compounds, Semivolatile organic compounds, Natural attenuation.

**PB97-963710REB** PC A13/MF A03  
**Superfund Record of Decision (EPA Region 1):**  
**Pease Air Force Base Brooks/Ditches Operable**  
**Unit, Portsmouth/Newington, NH., September 30,**  
**1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Jan 98, 261p, EPA/541/R-97/163.  
 See also PB95-963711.  
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This Record of Decision (ROD) presents a selected remedial action designed to protect human and ecological receptors in various brooks and ditches at Pease AFB, NH. The Pease AFB brooks and ditches included in this document are: Flagstone Brook (Zone 1), Pauls Brook (Zone 1), McIntyre Brook (Zone 3), and Lower Newfields Ditch (Zone 3).

**Keywords:** "Superfund," "Hazardous materials," "Waste disposal," "Land pollution control, Air Force facilities, Metals, Polycyclic aromatic hydrocarbons, Pesticides, Bottom sediments, Excavation, Waste treatment, Pauls Brook, McIntyre Brook, Sedimentation, Installation restoration, Remedial action, New Hampshire," "Record of Decision, Pease Air Force Base, Rockingham County(New Hampshire), Semivolatile organic compounds, Cleanup operations.

**PB97-963820REB** PC A99/MF A06  
**Superfund Record of Decision (EPA Region 2):**  
**Grand Street Mercury Site, Hoboken, NJ., Septem-**  
**ber 30, 1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Jan 98, 668p, EPA/541/R-97/166.  
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This Record of Decision presents the selected remedial action for the Grand Street Mercury Site. The major components of the selected remedy include: permanent relocation of the former residents of the Site; continuation of temporary relocation of the former residents until permanent relocation has been implemented; historic preservation mitigation measures for the buildings at the Site, as appropriate; gross mercury decontamination of the buildings at the Site including recovery of available mercury, whenever possible; identification and abatement of friable asbestos in the buildings at the Site; removal and recovery of reusable fixtures, appliances, and recyclable scrap metal and other building components; demolition of the two buildings at the Site using measures to minimize releases of mercury into the environment; removal and off-site disposal of all demolition debris at EPA-approved facilities; sampling of soils at the Site; excavation and off-site disposal of contaminated soils at EPA-approved facilities; sampling of soils at off-site adjacent locations; sampling of groundwater at the Site; and assessment of off-site soil and groundwater data to evaluate the need for future remedial action.

**Keywords:** "Superfund," "Hazardous materials," "Waste disposal," "Land pollution control, Buildings, Mercury(Metal), Asbestos, Demolition, Recovery, Removal, Decontamination, Soil contamination, Excavation, Ground water, Water pollution monitoring, Environmental monitoring, New Jersey," "Record of Decision," "First Remedial Action, Hoboken(New Jersey), Hudson County(New Jersey), Cleanup operations.

**PB97-963903REB** PC A08/MF A02  
**Superfund Record of Decision (EPA Region 3):**  
**Berks Landfill, Spring Township, PA., July 22,**  
**1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Nov 97, 136p, EPA/541/R-97/058.  
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This decision document presents the final selected remedial action for the Berks Landfill Superfund Site. This selected remedy addresses on-site ground water contamination with natural containment through institutional controls; natural attenuation and existing site specific hydrogeologic conditions in conjunction with long term monitoring; continued existing leachate management system repair, operation and maintenance; and repairs to the existing landfill caps.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Landfills, Polychlorinated biphenyls, Metals, Capping, Maintenance, Repairs, Leachate, Ground water, Water pollution monitoring, Restrictions, Site characterization, Remedial action, Pennsylvania," "Record of Decision, Spring Township(Pennsylvania), Berks County(Pennsylvania), Volatile organic compounds, Semivolatile organic compounds.

**PB97-963916REB** PC A04/MF A01  
**Superfund Record of Decision (EPA Region 3):**  
**Naval Air Development Center (8 Areas), Operable**  
**Unit 4, Warminster Township, PA., September 30,**  
**1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Jan 98, 46p, EPA/541/R-97/178.  
 See also PB95-963926.  
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This Record of Decision (ROD) presents a selected interim remedial action for Operable Unit Four (OU-4) at the former Naval Air Development Center in Warminster Township, Bucks County, Pennsylvania.

The selected interim remedy for OU-4 is the fourth remedial action addressing the Site. OU-4 consists of contaminated groundwater underlying are D at the Site.

**Keywords:** "Superfund," "Hazardous materials," "Water pollution control, Naval shore facilities, Solvents, Heavy metals, Paints, Polycyclic aromatic hydrocarbons, Sewage sludge, Waste oils, Debris, Ground water, Aquifers, Water wells, Water supply, Extraction, Pumping, Water treatment, Discharge(Water), Water pollution monitoring, Restrictions, Pennsylvania," "Record of Decision," "Fourth Remedial Action, Naval Air Development Center, Warminster Township(Pennsylvania), Bucks County(Pennsylvania), Cleanup operations.

**PB97-964027REB** PC A08/MF A02  
**Superfund Record of Decision (EPA Region 4):**  
**Pensacola Naval Air Station, Operable Unit 10,**  
**Pensacola, FL., September 15, 1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 May 98, 126p, EPA/541/R-97/209.  
 See also PB95-964025.

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A record of decision has been prepared from the remedial investigation (RI) report, focused feasibility study (FFS) report, and proposed remedial action plan for Operable Unit (OU) 10 at the Naval Air Station (NAS) Pensacola. The purpose of this Record of Decision is to describe the alternative that the U.S. Navy has selected to address potential groundwater and oil contamination onsite. The final remedy combines two components of the preferred alternative (e.g., leachability study on Areas B-D with excavation as a contingency and groundwater treatment under RCRA) and a component of a different alternative (e.g., excavation of Area A) presented in the FS report and proposed plan. Monitoring will verify compliance with performance standards contained in this ROD. This alternative will be protective, cost-effective and will attain all federal and state requirements. The groundwater monitoring program will continue until a five-year review concludes that the alternative has achieved the performance standards and remains protective of human health and the environment.

**Keywords:** "Superfund," "Hazardous materials," "Water pollution control, Naval air stations, Leachate, Ground water, Soil contamination, Water treatment, Sampling, Water pollution monitoring, Environmental monitoring, Restrictions, Remedial action, Florida," "Record of Decision, Pensacola Naval Air Station, Pensacola(Florida), Escambia County(Florida), Cleanup operations.

**PB97-964101REB** PC A08/MF A02  
**Superfund Record of Decision (EPA Region 5):**  
**Reilly Tar and Chemical Company Site, (Dover**  
**Plant), Dover, OH., March 31, 1997.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Emergency and Remedial Response.  
 Nov 97, 136p, EPA/541/R-97/028.  
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This decision document represents the selected final remedial action for the Reilly Tar and Chemical Company site. The selected remedy, Alternative 3, includes: institutional controls to completely restrict the use of groundwater on-site and to restrict the property to industrial/commercial use; excavation and off-site thermal treatment of drainage ditch and river sediments, surface soils and impacted perched zone material from the collection trench installation contaminated with greater than 100 ppm Benzo(a)Pyrene-Total Equivalent (B(a)P-TE), excavation and on-site disposal of surface water drainage ditch and river sediments, surface soils and impacted perched zone material contaminated with less than 100 ppm B(a)P-TE, and greater than 5 ppm B(a)P-TE; construction of an Ohio Subtitle D Solid Waste Cover over on-site disposed materials; a soil cover over the remainder of the site; off-site disposal of solidified tarry materials, or recycle of tarry materials as a fuel or feedstock; hydraulic control and collection of perched ground water; natural attenuation/long-term monitoring of shallow ground

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water; and sampling and analysis of sediments in the river to monitor ecological risk at aquatic species.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," Polycyclic aromatic hydrocarbons, Metals, Phenols, Soil contamination, Sediments, Excavation, Soil treatment, Capping, Ground water, Water pollution monitoring, Environmental monitoring, Restrictions, Remedial action, Ohio, "Record of Decision, Dover(Ohio), Tuscarawas County(Ohio), Volatile organic compounds, Semivolatile organic compounds, Natural attenuation, Cleanup operations.

**PB97-964102REB** PC A06/MF A01  
Superfund Record of Decision (EPA Region 5): Organic Chemicals, Inc., Operable Unit 2, Grandville, MI., February 5, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Nov 97, 82p, EPA/541/R-97/029.  
See also PB92-964103.  
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The Organic Chemicals Inc. (OCI) property is located at 3291 Chicago Drive, S.W., in the city of Grandville, Kent County, Michigan. A Preliminary Assessment (PA) for the Site was completed by EPA in 1983. The PA documented potential groundwater contamination from the solvent-contaminated seepage lagoon. Soil beneath this pond were also found to be contaminated. A potential for drinking water contamination and endangerment of flora and fauna in nearby potential wetlands was indicated in the PA. Analyses taken from solid waste storage units (rolloffs and 55 gallon drums) located at the Site revealed the presence of various contaminants including methylene chloride, toluene, ethylbenzene, xylenes and arachlor 1242 polychlorinated bi-phenyls(PCBs). Analyses of soil samples taken from the vicinity of the solid waste storage units revealed the presence of methylene chloride, toluene, xylenes, 1,1,1-trichloroethene, trichloroethene, tetrachloroethene, chloroform, 1,1-dichloroethene, 1,2-dichloroethene, and Arachlor 1242 (PCBs). Site 3 of OU NO. 3, also known as the Walton Walker Property, encompasses approximately 130 acres of privately-owned property, where three (3) separate municipal landfills were operated by the City of Dallas from the mid-1960s through the later 1970s and early 1980s. The major components of the selected remedy includes: excavation and removal of slag, battery chips, metals contaminated soils and sediments exceeding cleanup goals (up to two feet); off-site disposal of excavated material in an appropriate landfill; no action of the Ground Water Portion; and containment (protective cap) of portions of the landfill where there is exposed slag, battery chips, and metals-contaminated soil exceeding cleanup goals.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," Polychlorinated biphenyls, Chemical spills, Fires, Storage tanks, Solvents, Soil contamination, Remedial action, Michigan, "Record of Decision Amendment, Grandville(Michigan), Kent County(Michigan), Volatile organic compounds, Semivolatile organic compounds, Cleanup operations.

**PB97-964204REB** PC A12/MF A03  
Superfund Record of Decision (EPA Region 6): RSR Corp., Operable Unit 3, Dallas, TX., September 30, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 240p, EPA/541/R-97/124.  
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Site 3 of OU NO. 3, also known as the Walton Walker Property, encompasses approximately 130 acres of privately-owned property, where three (3) separate municipal landfills were operated by the City of Dallas from the mid-1960s through the later 1970s and early 1980s. The major components of the selected remedy includes: excavation and removal of slag, battery chips, metals contaminated soils and sediments exceeding cleanup goals (up to two feet); off-site disposal of excavated material in an appropriate landfill; no action of the Ground Water Portion; and containment (protective cap) of portions of the landfill where there is

exposed slag, battery chips, and metals-contaminated soil exceeding cleanup goals.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Waste disposal, Heavy metals, Arsenic, Antimony, Lead(Metal)Slags, Landfills, Soil contamination, Excavation, Removal, Containment, Capping, Remedial action, Texas, "Record of Decision Amendment, Dallas(Texas), Dallas County(Texas), Cleanup operations.

**PB97-964403REB** PC A04/MF A01  
Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 8, Cheyenne, WY., November 21, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 48p, EPA/541/R-97/193.  
See also PB97-964404.  
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The selected Interim action (remedy) for Operable Unit 8 (OU8), Landfill 5A (LF5A), at F. E. Warren Air Force Base(Base), in Cheyenne, Wyoming includes capping and an active gas venting system.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control, Air Force facilities, Landfills, Methane, Capping, Venting, Soil gases, Erosion control, Surface drainage, Environmental monitoring, Ground water, Water pollution monitoring, Wyoming, "Record of Decision, "Fifth Remedial Action, F E Warren Air Force Base, Cheyenne(Wyoming), Laramie(Wyoming), Volatile organic compounds, Cleanup operations.

**PB97-964507REB** PC A11/MF A03  
Superfund Record of Decision (EPA Region 9): Moffett Naval Air Station, Operable Unit 1, Sunnyvale, CA., August 14, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 206p, EPA/541/R-97/129.  
See also PB95-964502.  
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This decision document presents the selected remedial action for Operable Unit 1 (OU1) at Moffett Field. (OU1 consists of two landfills Sites 1 and 2); the selected remedial action for Site 2 is consolidation of waste from Site 2 to Site 1 and groundwater monitoring and for Site 1 is capping, gas and groundwater collection trenches, and gas and groundwater monitoring.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Naval air stations, Soil gases, Ground water, Capping, Drainage systems, Water pollution monitoring, Installation restoration, Site characterization, Remedial action, California, "Records of Decision, Moffett Naval Air Station, Sunnyvale(California), Mountain View(California), Santa Clara County(California), Volatile organic compounds.

**PB97-964508REB** PC A18/MF A04  
Superfund Record of Decision (EPA Region 9): Barstow Marine Corps Logistics Base, Operable Units 3 and 4, Barstow, CA., June 3, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 390p, EPA/541/R-97/130.  
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MCLB Barstow (also referred to as the Base) is within the central Mojave Desert in San Bernardino County, California. This report provides a brief overview of the assessments conducted at CAOC 20, analytical results from soil sampling, and a general summary of water quality risk and uncertainties as related to water quality protection. Potential sources of contamination at this CAOC include the one low-level radiological disposal well and 31 nonradiological waste disposal wells.

**Keywords:** "Superfund," "Hazardous materials," "Waste management, Marine Corps facilities, Metals, Pes-

ticides, Soils, Site characterization, Remedial action, California, "Record of Decision, Barstow Marine Corps Logistics Base, Barstow(California), San Bernardino County(California), Volatile organic compounds, Semivolatile organic compounds.

**PB97-964509REB** PC A15/MF A03  
Superfund Record of Decision (EPA Region 9): Del Amo Facility Waste Pits Operable Unit, Los Angeles, CA., September 5, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 306p, EPA/541/R-97/131.  
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This decision document presents the selected remedial action for the Del Amo Waste Pits Operable Unit (Waste Pits OU) of the Proposed Del Amo Superfund Site (Del Amo Site), in Los Angeles, California. The remedy selected in this ROD addresses the principal threat remaining at the Waste Pits Area by selecting actions that will prevent future releases of hazardous substances from the remaining waste materials present in the waste pits, either upward to the surface, downward into the groundwater, or laterally out from the pits, that would create unacceptable risks to public health or welfare or the environment. The ROD also selects measures intended to prevent additional contamination of groundwater beneath the Waste Pits Area by selecting response actions to clean-up hazardous substance contamination that had been previously releases from the waste pits and is currently present in the vadose zone soils.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Waste disposal, Capping, Drainage systems, Operation and maintenance, Environmental monitoring, Water pollution abatement, Restriction, Remedial action, California, "Record of Decision Amendment, Los Angeles(California), Los Angeles County(California), Soil vapor extraction.

**PB97-964510REB** PC A07/MF A02  
Superfund Record of Decision (EPA Region 9): Iron Mountain Mine, Redding, CA., September 30, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 104p, EPA/541/R-97/132.  
See also PB94-964511.  
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This decision document presents the selected interim remedial action for control of releases of hazardous substances from widespread area sources in the Slickrock Creek watershed at the Iron Mountain Mine Site. This interim action addresses the most significant source of currently uncontrolled IMM AMD-the Slickrock Creek area sources entering the reach of Slickrock Creek directly below the most heavily disturbed mining area.

**Keywords:** "Superfund," "Hazardous materials," "Waste disposal, "Water pollution control, Mine wastes, Acid mine drainage, Heavy metals, Acidity, Seepage, Copper, Arsenic, Cadmium, Zinc, Surface water, Slickrock Creek, Spring Creek, Ground water, Remedial action, California, "Record of Decision, IMM(Iron Mountain Mine), Redding(California), Cleanup operations.

**PB97-964512REB** PC A12/MF A03  
Superfund Record of Decision (EPA Region 9): Castle Air Force Base, Merced, CA., May 21, 1997.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 236p, EPA/541/R-97/134.  
See also PB94-964506 and PB92-964508.  
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This decision document presents the remedial actions (RAs) selected for the comprehensive cleanup of groundwater at the formerly active Castle Air Force Base (AFB), Merced County, California. The purpose of this Record of Decision (ROD) is to decide the ap-

appropriate level of groundwater remediation necessary to protect human health and the environment, and to determine what requirements are applicable or relevant and appropriate requirements (ARARs) based on the groundwater beneficial use designation and site-specific conditions.

**Keywords:** "Superfund," "Hazardous materials," "Water pollution control," "Air force facilities," "Hydrocarbons," "Metals," "Ground water," "Plumes," "Aquifers," "Remedial action," "California," "Record of Decision," "Castle Air Force Base," "Merced County(California)," "Volatile organic compounds," "Cleanup operations."

**PB97-964513REB** PC A10/MF A02  
**Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Units 2A and 3A (No Action Sites), El Toro, CA., September 29, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 176p, EPA/541/R-97/135.

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This decision document presents the selected remedial action for Sites 4, 6, 9, 10, 13, 15, 19, 20, 21, 22, and 25 at MCAS El Toro in Orange County, California. The selected remedy for Sites, 4, 6, 9, 19, 13, 15, 19, 20, 21, 22, and 25 is no action.

**Keywords:** "Superfund," "Hazardous materials," "Waste management," "Marine Corps facilities," "Soils," "Site characterization," "Remedial action," "California," "Records of Decision," "El Toro Marine Corps Air Station," "El Toro(California)," "Orange County(California)," "Volatile organic compounds."

**PB97-964514REB** PC A11/MF A03  
**Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Unit 2A (Site 24-VOC Source Area Vadose Zone), El Toro, CA., September 29, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Mar 98, 222p, EPA/541/R-97/136.

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This Interim Record of Decision (ROD) presents the selected remedial action for vadose zone soil at Site 24 at Marine Corps Air Station (MACAS) El Toro, located in El Toro, California. The selected remedy for remediation of soil at Site 24 is soil vapor extraction (SVE), the U.S. EPA presumptive remedy for VOC-contaminated soil. The process uses a vacuum to pull VOC-contaminated vapors from the soil through SVE wells.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Marine corps facilities," "Soil contamination," "Soil gases," "Soil treatment," "Sampling," "Environmental monitoring," "Remedial action," "California," "Record of Decision," "El Toro Marine Corps Air Station," "El Toro(California)," "Orange County(California)," "Volatile organic compounds," "Vadose zone," "Soil vapor extraction," "Cleanup operations."

**PB97-964516REB** PC A15/MF A03  
**Superfund Record of Decision (EPA Region 9): Camp Pendleton Marine Corps Base, Operable Unit 2, San Diego, CA., September 30, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Jan 98, 324p, EPA/541/R-97/191.

See also PB96-964501.  
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MCB Camp Pendleton is located along the Pacific coast, about halfway between Los Angeles and San Diego. This decision document sets forth the basis for the no remedial action decisions for Site 2B, 3, 5, 6, 8A, 19, 20, 22, 28, 31, 43, 44, and 45.

**Keywords:** "Superfund," "Hazardous materials," "Waste management," "Marine corps facilities," "Petroleum products," "Metals," "Pesticides," "Herbicides," "Sediments," "Soils,"

Ground water, Surface waters, Landfills, Water pollution monitoring, Installation restoration, Site characterization, Remedial action, California, "Record of Decision," "Camp Pendleton Marine Corps Base," "San Diego County(California)."

**PB97-964601REB** PC A06/MF A01  
**Superfund Record of Decision (EPA Region 10): Harbor Island (Lead), The Shipyard Sediment Operable Unit, Seattle, WA., November 27, 1996.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 88p, EPA/541/R-97/045.

See also PB96-963123.

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The Shipyard Sediment Operable Unit (OU) consists of nearshore sediments at the Todd and Lockheed Shipyards, which contain shipyard hazardous substances and wastes. The Shipyard Sediment OU is within the Harbor Island Superfund Site (Site), in Seattle, King County, Washington. The Site was listed on the National Priorities List (NPL) in 1983, due to the release of lead from a secondary lead smelter on the island, as well as the release of other hazardous substances from other industrial operations on the island.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Waste disposal," "Harbor Island," "Heavy metals," "Polycyclic aromatic hydrocarbons," "Tin," "Lead(Metal)," "Polychlorinated biphenyls," "Shipyards," "Sediments," "Remedial action," "Washington," "Record of Decision Amendment," "Seattle(Washington)," "King County(Washington)," "Cleanup operations."

**PB97-964602REB** PC A08/MF A02  
**Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit A) (aka: Bremerton Naval Complex), Bremerton, WA., January 24, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 148p, EPA/541/R-97/046.

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This decision document presents the selected remedial action for Operable Unit A at Puget Sound Naval Shipyard (PSNS). The major components of the remedial action for OU A are: upgrade the pavement cap by applications of new asphalt and a surface sealant over Zone II of the site (approximately 3.7 acres); install approximately 1,400 linear feet of erosion protection along the perimeter of Zone II; Implement, institutional controls that include access restrictions, restrictions on residential use, restrictions on fish and shellfish harvesting, and a Bremerton Naval Complex-wide soil management plan; address the requirements for continued operation, inspection, and maintenance of the pavement cap and erosion protection; and make enhancements to terrestrial and marine habitats.

**Keywords:** "Superfund," "Hazardous materials," "Waste management," "Shipyards," "Naval facilities," "Capping," "Sealing," "Erosion control," "Habitat improvement," "Ground water," "Water pollution monitoring," "Restrictions," "Site characterization," "Remedial action," "Washington," "Record of Decision," "Puget Sound Naval Shipyard Complex," "Bremerton Naval Complex," "Bremerton(Washington)," "Kitsap County(Washington)."

**PB97-964603REB** PC A07/MF A02  
**Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit NSC) (aka: Bremerton Naval Complex), Bremerton, WA., December 13, 1996.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 124p, EPA/541/R-97/047.

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This decision document presents the selected action for Operable Unit NSC (OU NSC) at the Bremerton Naval Complex in Bremerton, Washington. The selected remedy for OU NSC includes: controlling access

to the Bremerton Naval Complex through security measures such as fences and signs; establishing administrative measures to prohibit use of groundwater from site; implementing deed restrictions to limit future use of the site; developing a management excavation plan to limit potential contact with, and assure appropriate handling and disposal of, soils excavated during future excavation connected with any construction activity at the site; upgrading site paving to reduce the possibility of contact with contaminated soil and limit the potential for precipitation to transport contaminants from soil to the groundwater; collecting and disposing of sediments and debris accumulated in stormdrain lines serving OU NSC; and conducting environmental monitoring to detect any change in the quality of groundwater at the site.

**Keywords:** "Superfund," "Hazardous materials," "Waste management," "Shipyards," "Naval facilities," "Debris," "Pesticides," "Polychlorinated biphenyls," "Hydrocarbons," "Metals," "Sediments," "Removal," "Environmental monitoring," "Site characterization," "Restrictions," "Remedial action," "Washington," "Record of Decision," "Puget Sound Naval Shipyard Complex," "Bremerton Naval Complex," "Bremerton(Washington)," "Kitsap County(Washington)," "Volatile organic compounds," "Semivolatile organic compounds."

**PB97-964604REB** PC A06/MF A01  
**Superfund Record of Decision (EPA Region 10): Hanford 200 Area (USDOE), (200-UP-1 Operable Unit), Benton County, WA., February 11, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 92p, EPA/541/R-97/048.

See also PB95-964609.

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This decision document presents the selected Interim Remedial Action (IRA) for the U.S. Department of Energy (U.S. DOE) Hanford 200-UP-1 Operable Unit (OU), 200 Area, Hanford Site, Benton County, Washington. The selected remedy consists of pumping the highest concentration zone of the contaminated groundwater plume at 200-UP-1 and treatment using the existing Effluent Treatment Facility (ETF) located in the 200 East Area. The selected remedy is intended to reduce contaminant mass within the plume and minimize migration of uranium and technetium-99 from the 200 West Area. The selected remedy will remove and treat these two contaminants of concern, in addition to the specific co-contaminants of nitrate and carbon tetrachloride which exist within the groundwater.

**Keywords:** "Superfund," "Hazardous materials," "Land pollution control," "Hanford Reservation," "Uranium," "Technetium 99," "Nitrates," "Carbon tetrachloride," "Ground water," "Aquifers," "Plumes," "Pumping," "Water treatment," "Remedial action," "Washington," "Record of Decision," "Benton County(Washington)," "Cleanup operations."

**PB97-964605REB** PC A07/MF A02  
**Superfund Record of Decision (EPA Region 10): Monsanto Chemical Co. (Soda Springs), Soda Springs, ID., April 30, 1997.**

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response. Nov 97, 114p, EPA/541/R-97/049.

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The Monsanto Chemical Company Superfund Site is located in Caribou County, Idaho, approximately one mile north of the City of Soda Springs. After screening using conservative human health and ecological screening values, the contaminants of potential concern in soils and on-Plant source piles include, radionuclides (radium-226, lead-210, and uranium-238) and chemicals (arsenic, beryllium, selenium and zinc). The groundwater contaminants of potential concern include those substances detected at concentrations above primary MCLs, i.e., cadmium, fluoride, nitrate, and selenium, and manganese, which is present above a secondary MCL.

**Keywords:** "Superfund," "Hazardous materials," "Waste management," "Metals," "Arsenic," "Selenium," "Beryllium," "Lead 210," "Radium 226," "Uranium 238," "Radioisotopes," "Cadmium," "Ground water," "Soil contamination," "Water

# EPA PUBLICATIONS BIBLIOGRAPHY

pollution monitoring, Site characterization, Remedial action, Idaho, "Record of Decision, Soda Springs(Idaho), Caribou County(Idaho), Fugitive dust.

**PB97-964606REB** PC A05/MF A01  
Superfund Record of Decision (EPA Region 10):  
Elmendorf Air Force Base, Operable Unit 3, Greater Anchorage Borough, AK., December 5, 1996.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Nov 97, 74p, EPA/541/R-97/050.  
See also PB95-964607.

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This Record of Decision (ROD) presents the selected remedial action for OU 3 at Elmendorf AFB. The selected remedy was chosen from many alternatives as the best method of addressing the PCB contaminated soil at site SS21. The selected remedy is excavation and off-site disposal of soil at SS21 containing PCBs greater than 5 ppm.

Keywords: "Superfund, "Hazardous materials, "Waste disposal, "Land pollution control, Air Force facilities, Polychlorinated biphenyls, Soil contamination, Excavation, Sampling, Environmental monitoring, Restrictions, Installation restoration, Remedial action, Alaska, "Record of Decision, Elmendorf Air Force Base, Anchorage(Alaska), South Central Region(Alaska), Cleanup operations.

**PB97-964607REB** PC A12/MF A03  
Superfund Record of Decision (EPA Region 10):  
Elmendorf Air Force Base, Operable Unit 6 and Source Area SS 19, Greater Anchorage Borough, AK, December 4, 1996.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Nov 97, 238p, EPA/541/R-97/051.  
See also PB95-964603.

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This Record of Decision (ROD) presents the selected remedial action for OU 6 at Elmendorf AFB. Specific hazardous substances include constituents such as benzene, toluene, trichloroethene, and tetrachloroethane. The selected remedies were chosen from many alternatives as the best methods of addressing contaminated groundwater and soil within the various source areas in OU 6. The selected remedies address the associated risks by a combination of actions to reduce contamination below cleanup levels for OU 6 established in this ROD and institutional controls to prevent exposure to contamination above those cleanup levels.

Keywords: "Superfund, "Hazardous materials, "Land pollution control, "Water pollution control, Air Force facilities, Fuels, Petroleum products, Soil contamination, Ground water, Restrictions, Remedial action, Installation restoration, Alaska, "Record of Decision, Elmendorf Air Force Base, Anchorage(Alaska), South Central Region(Alaska), Volatile organic compounds, Cleanup operations.

**PB97-964608REB** PC A09/MF A02  
Superfund Record of Decision (EPA Region 10):  
Fort Wainwright, Operable Unit 1, Fairbanks North Star Borough, AK., June 27, 1997.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Nov 97, 160p, EPA/541/R-97/054.  
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This Record of Decision (ROD) presents the selected remedial action for 801 Drum Burial Site Operable Unit 1 (OU-1) at Fort Wainwright in Fairbanks, Alaska. Pesticides and petroleum-related compounds are contaminants of concern in the soil; and benzene, pesticides, solvents, and other petroleum-related compounds are contaminants of concern of groundwater at the 801 Drum Burial Site. This ROD addresses soil and groundwater contamination at OU-1.

Keywords: "Superfund, "Hazardous materials, "Land pollution control, "Water pollution control, Army facilities, Pesticides, Benzene, Solvents, Petroleum products, Soil contamination, Ground water, Alaska, "Record of Decision, "Fourth Remedial Action, Fort Wainwright, Fairbanks(Alaska), North Star Borough(Alaska), Central Region(Alaska), Cleanup operations.

**PB97-964609REB** PC A10/MF A03  
Superfund Record of Decision (EPA Region 10):  
Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK., March 31, 1997.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Nov 97, 196p, EPA/541/R-97/061.  
See also PB95-964614.

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This Record of Decision (ROD) presents the selected remedial actions for Operable Unit 2 (OU-2) at Fort Wainwright in Fairbanks, Alaska. OU-2 originally consisted in eight source areas: the defense Reutilization and Marketing Office (DRMO) Yard, the Building 1168 Leach Well, the North Post Site, the 801 Drum Burial Site, the Engineers Park Drum Site, the Drum Site South of the Landfill, Building 3477, and the Tar Sites. The major components of the remedies at source areas are: in situ soil vapor extraction and air sparging of the groundwater to reduce volatile organic compounds to a level that meets state and federal MCLs; institutional controls that would include restrictions on groundwater well installations, site access restrictions, and maintenance of fencing at the DRMO Yard until state and federal MCLs are met; additional institutional controls, including a limitation on refilling the DRMO Yard fire suppression water tank from the existing potable water supply well, until state and federal MCLs are met (except in emergency situations); and natural attenuation to attain Alaska Water Quality Standards after reaching state and federal MCLs.

Keywords: "Superfund, "Hazardous materials, "Land pollution control, "Water pollution control, Army facilities, Benzene, Petroleum products, Soil contamination, Ground water, Soil treatment, Water treatment, Restrictions, Alaska, "Record of Decision, "Fifth Remedial Action, Fort Wainwright, Fairbanks(Alaska), North Star Borough(Alaska), Central Region(Alaska), Volatile organic compounds, Natural attenuation, Cleanup operations.

**PB97-964610REB** PC A08/MF A02  
Superfund Record of Decision (EPA Region 10):  
East Multnomah County Groundwater Contamination, Operable Unit 1, Multnomah County, OR., December 31, 1996.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Jan 98, 132p, EPA/541/R-97/072.  
See also PB95-239570.

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The East Multnomah County (EMC) project area refers to all areas in the EMC project area where the Troutdale Sandstone Aquifer (TSA) contains concentrations of halogenated volatile organic compounds at concentrations requiring remediation. The selected remedial action for the Troutdale Sandstone Aquifer (TSA) contaminant plume includes: treatment of extracted groundwater using air-stripping treatment technology; discharge of treated groundwater to Fairview Lake and the Columbia Slough directly or via Multnomah County storm water drainage ways; abandonment of six private Sand and Gravel Aquifer (SGA) water supply wells located within the area of the TSA contaminant plume and a provision to replace the abandoned wells with an alternative source of water; institutional controls to restrict groundwater use of the TSA and SGA to prevent exposure to contaminated groundwater and the spread of groundwater contamination during remediation; groundwater monitoring to assess compliance with performance criteria established for the remedy; and hydraulic containment of those areas of the TSA for which it may be technically impractical to restore to MCL cleanup levels within 20 years.

Keywords: "Superfund, "Hazardous materials, "Water pollution control, Plumes, Ground water, Aquifers, Extraction, Water treatment, Containment, Water wells, Water pollution monitoring, Restrictions, Remedial action, Oregon, "Record of Decision, Multnomah County(Oregon), Troutdale Sandstone, Volatile organic compounds, Cleanup operations.

**PB97-964611REB** PC A07/MF A02  
Superfund Record of Decision (EPA Region 10):  
East Multnomah County Ground Water Contamination, Operable Unit 2, Multnomah County, OR., December 31, 1996.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Jan 98, 102p, EPA/541/R-97/199.

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This document presents the selected remedial action for soil and shallow groundwater contamination within the Troutdale Gravel Aquifer (TGA) at the Cascade Corporation (Cascade) site, in Gresham, Oregon.

Keywords: "Superfund, "Hazardous materials, "Land pollution control, "Water pollution control, Hydrocarbons, Solvents, Soil contamination, Ground water, Aquifers, Plumes, Soil treatment, Soil gases, Extraction, Water treatment, Restrictions, Remedial action, Oregon, "Record of Decision, Gresham(Oregon), Multnomah County(Oregon), Volatile organic compounds, Light nonaqueous phase liquids, Cleanup operations.

**PB97-964612REB** PC A09/MF A02  
Superfund Record of Decision (EPA Region 10):  
Boomsnub/Airco Site-Wide Ground Water Operable Unit, Vancouver, WA., September 29, 1997.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Apr 98, 152p, EPA/541/R-97/200.  
See also PB95-249728.

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This decision document presents the selected interim remedial action for the Boomsnub/Airco Superfund Site (the Site), located north of Vancouver in Hazel Dell, Washington. The selected remedy is to continue operation and maintenance of the existing groundwater for Clark County. The remedy includes: operation and maintenance (O & M) of the existing extraction/treatment system; installation of additional monitoring wells near the leading edge of the plume to determine the need for more extraction wells, and connection of additional wells to the extraction network, if necessary; upgrading some extraction wells and vaults as necessary to prevent infiltration of water during storm events; and acquisition or construction of office and storage space for the extraction/treatment and telemetry systems, new and used resin, as well as for tools, parts and equipment needed for O & M of the system.

Keywords: "Superfund, "Hazardous materials, "Water pollution control, Chromium, Metals, Ground water, Aquifers, Extraction, Water treatment, Water wells, Drainage systems, Water pollution monitoring, Remedial action, Washington, "Record of Decision, Vancouver(Washington), Clark County(Washington), Volatile organic compounds, Cleanup operations.

**PB97-964613REB** PC A07/MF A02  
Superfund Record of Decision (EPA Region 10):  
Old Navy Dump Manchester Laboratory (USEPA/NOAA), Manchester, WA., September 30, 1997.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Jan 98, 116p, EPA/541/R-97/201.

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This decision document presents the selected remedial action for the Old Navy Dump/Manchester Annex Superfund Site (Site) in Manchester, Washington. The selected remedy is the only response action planned for the Site.



**Keywords:** \*Superfund, \*Hazardous materials, \*Waste disposal, \*Land pollution control, Landfills, Dioxins, Polychlorinated biphenyls, Hydrocarbons, Metals, Soil contamination, Sediments, Clam Bay, Debris, Excavation, Backfilling, Shorelines, Capping, Drainage systems, Storage tanks, Underground storage, Restriction, Remedial action, Washington, \*Record of Decision, Old Navy Dump, Manchester Laboratory, Manchester (Washington), Kitsap County (Washington), Volatile organic compounds, Semivolatile organic compounds, Cleanup operations.

**PB97-964614REB** PC A09/MF A02  
**Superfund Record of Decision (EPA Region 10): Fort Richardson (USArmy), Operable Units A and B, Anchorage, AK., September 15, 1997.**  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jan 98, 158p, EPA/541/R-97/202.  
See also PB96-195417.

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A remedy was chosen from many alternatives as the best means of addressing contaminated soil and groundwater at OU-B. The major components of the preferred remedy for OU-B are: high-vacuum extraction (HVE) to remove contaminated vapors and groundwater from the 'hot spot'. The 'hot spot' is defined as the subsurface area containing greater than 1.0 milligrams per liter of 1,1,2,2-tetrachloroethane in groundwater and/or free-phase solvents; an air stripping system to treat extracted groundwater to meet State of Alaska and federal maximum contaminant levels (MCLs) before being reinjected into the deep aquifer; institutional controls that will include restrictions on groundwater well installations, site access restrictions, and maintenance of fencing until state and federal MCLs for drinking water are met; natural attenuation of groundwater contamination in areas outside the 'hot spot'; and long-term monitoring to assess whether groundwater contamination is approaching Eagle River and to ensure that contamination levels in the groundwater are decreasing through natural attenuation.

**Keywords:** \*Superfund, \*Hazardous materials, \*Land pollution control, \*Water pollution control, Army facilities, Solvents, Hydrocarbons, Soil contamination, Soil gases, Ground water, Soil treatment, Extraction, Water treatment, Water pollution monitoring, Restrictions, Remedial action, Alaska, \*Record of Decision, Fort Richardson, Anchorage (Alaska), South Central Region (Alaska), Volatile organic compounds, Tetrachloroethane, Natural attenuation, Cleanup operations.

**PB98-101967REB** PC A99/MF A06  
**Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background.**  
Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances.  
Aug 98, 598p, EPA/712/C-98/189.  
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The Agency considers the evaluation of toxicity following short term exposure to a chemical to be an integral step in the assessment of its toxic potential under the regulatory framework of its pesticide and toxic substances programs. In the assessment and evaluation of the toxic characteristics of a substance, acute toxicity is generally performed by the probable route of exposure in order to provide information on health hazards likely to arise from short-term exposure by that route. For pesticides, the short-term toxicity testing battery consists of acute toxicity tests by the oral, dermal, and inhalation routes; skin and eye irritation testing; and testing for dermal sensitization. Data from an acute study may serve as a basis for hazard categorization, labeling, or child-resistant packaging and may also serve to designate pesticides which may be applied only by certified applicators. It is also an initial step in establishing a dosage regimen in subchronic and other studies and may provide information on absorption and the mode of toxic action of a substance.

**Keywords:** \*Health effects, \*Acute exposure, \*Testing, \*Toxicity, \*Toxic Substances Control Act, \*Pesticides,

Registration, Sample preparation, Materials handling, Analytical methods, Rejection, Environmental exposure pathway, Dermal absorption, Oral intake, Inhalation, Irritation, Guidelines, \*Federal Insecticide Fungicide and Rodenticide Act, Reregistration, OPPTS (Office of Prevention Pesticides and Toxic Substances).

**PB98-101975REB** PC A03/MF A01  
**Spray Drift Test Guidelines. OPPTS 840.1000 Background for Pesticide Aerial Drift Evaluation.**  
Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances.  
Mar 98, 30p, EPA/712/C-98/319.  
Supersedes PB84-189216.

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The guidelines in this series deal with data submittal to support the registration of all outdoor use pesticides that are to be applied by aerial application methods (fixed- or rotary-wing), air carrier (mist blowers), overhead sprinkler irrigation devices, or other ground application equipment. Data required to evaluate pesticide spray drift may be derived from studies of droplet size spectrum and spray drift field evaluations. These data can contribute to development of the overall exposure estimate for use in assessing the potential hazard of pesticides to humans, fish and wildlife, or plants.

**Keywords:** \*Pesticides, \*Application methods, \*Drift, \*Spraying, \*Blowing, \*Toxic Substances Control Act, \*Testing, Environmental transport, Mist, Sprays, Droplets, Sprinklers, Irrigation systems, Environmental exposure, Environmental impacts, Guidelines, \*Federal Insecticide Fungicide and Rodenticide Act, OPPTS (Office of Prevention Pesticides and Toxic Substances).

**PB98-140379REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
**Lessons Learned Controlling VOCs from Three Paint Booths at Marine Corps Depot Facilities.**  
Rept. for Oct 95-May 97.  
Acurex Environmental Corp., Research Triangle Park, NC.

D. Proffitt, C. H. Darwin, and J. Ayer. Jun 97, 16p, EPA/600/A-98/018.  
Contract EPA-68-D4-0111  
Presented at the Joint Depot Environmental Panel Workshop (6th), San Diego, CA., May 19-22, 1997. Prepared in cooperation with Air Quality Specialists, Newport Beach, CA. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
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The paper describes the demonstration of an advanced control technology cost reduction strategy at the U.S. Marine Corps maintenance facility in Barstow, CA. One drive-through truck booth was modified and two small-parts booths were built to use the floor rate reduction strategy, partitioned recirculation.

**Keywords:** \*Air pollution control equipment, Emissions, Air pollution abatement, Air circulation, Air flow, Flow rates, Painting, Lessons learned, Costs, Marine corps facilities, Supply depots, \*Volatile organic compounds, \*Paint booths, \*Partitioned recirculation, Pollution prevention.

**PB98-142011REB** PC A12/MF A03  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
**Results of a Pilot Field Study to Evaluate the Effectiveness of Cleaning Residential Heating and Air Conditioning Systems and the Impact on Indoor Air Quality and System Performance.** Final rept. 1995-96.  
Acurex Environmental Corp., Research Triangle Park, NC.  
R. Fortmann, C. Gentry, K. Foorde, and D. VanOsdell.  
Dec 97, 238p, EPA/600/R-97/137.

Contract EPA-68-D4-0005/2-030

Prepared in cooperation with Research Triangle Inst., Research Triangle Park, NC. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. and National Air Duct Cleaners Association, Washington, DC. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The report discusses and gives results of a pilot field study to evaluate the effectiveness of air duct cleaning (ADC) as a source removal technique in residential heating and air-conditioning (HAC) systems and its impact on airborne particle, fiber and bioaerosol concentrations. Data were also collected to assess the potential impact to cleaning on performance of the air handler and cooling system. Week-long studies at each home involved background air monitoring and sampling, cleaning of the HAC system, and post-cleaning monitoring and sampling. Measurement parameters included airborne particle, fiber, and fungi concentrations; microbiological and dust deposition sampling in the supply and return air ducts; various system related parameters including air flow, static pressure, temperature, and relative humidity; and environmental parameters indoors and outdoors. Study results are presented on the effectiveness of ADC, its impact on selected indoor air quality parameters, and an assessment of its impact on system performance. Recommendations are provided on future research needs.

**Keywords:** \*Indoor air quality, \*Residential buildings, \*Heating equipment, \*Air conditioning equipment, \*Cleaning, \*Effectiveness, Space HVAC systems, Heating systems, Cooling systems, Performance evaluation, Ducts, Air flow, Temperature, Relative humidity, Static pressure, Microorganism, Dust, Aerosols, Fibers, Particles.

**PB98-142037REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab.  
**Fuel Cell Bus Demonstration in Mexico City.** Final rept. Jun-Nov 97.  
Ballard Power Systems, Inc., Burnaby (British Columbia).  
T. Gilchrist. Apr 98, 30p, EPA/600/R-98/039.  
Sponsored by Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab.  
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The report discusses the performance of a full-size, zero-emission, Proton Exchange Membrane (PEM) fuel-cell-powered transit bus in the atmospheric environment of Mexico City. To address the air quality problems caused by vehicle emissions in Mexico City, a seminar on clean vehicles was held in the Mexico City area in June 1997. The seminar addressed the state of the art of several clean vehicle technologies, one of which involved PEM fuel cells.

**Keywords:** \*Fuel cells, \*Buses, \*Air pollution abatement, \*Demonstration programs, Vehicle air pollution, Low emission vehicles, Fleet management, Public transportation, Urban transportation, Performance evaluation, Meetings, \*Mexico City (Mexico), Proton exchange membranes, Pollution prevention.

**PB98-145311REB** PC A11/MF A03  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
**Demonstration of the Environmental and Demand-Side Management Benefits of Grid-Connected Photovoltaic Power Systems, 1994-1997.** Final rept. Apr 94-Nov 97.  
Ascension Technology, Inc., Lincoln Center, MA.  
D. L. Greenberg, E. C. Kern, M. C. Russell, and P. D. Kern. May 98, 206p, EPA/600/R-98-056, EPA/600/R-98/056.  
Contract EPA-68-D3-0144  
See also PB97-117618. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
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customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The report gives results of an investigation into the pollutant emission reduction and demand-side management potential of 13 photovoltaic (PV) systems that began operation between June 1994 and July 1996 in various locations in the U.S. The report documents the project and gives results of analyses of each system's ability to offset emissions of sulfur dioxide, nitrogen oxides, and carbon dioxide, and to provide power during peak load hours for the host building and the participating utilities. The analyses indicate a broad range in emission offsets resulting from PV system operation due to variation in the solar resource available to each system and variation in the marginal emission rates of the participating utilities. Each system's ability to provide power during peak load periods is investigated using gross and net (of PV generation) load during curves. Differences between these curves provide insight into each PV system's ability to reduce the highest loads experienced by the host building or utility. One set of such curves is presented for each system and for each month of a 12-month performance monitoring period.

**Keywords:** "Photovoltaic power plants, "Electric power generation, "Air pollution abatement, "Energy demand, Electric utilities, Peak load, Photovoltaic conversion, Carbon dioxide, Sulfur dioxide, Nitrogen oxides, Particulates, Photovoltaic cells, Buildings, Energy efficiency, Emissions, Emission factors, Irradiance, Cost analysis, Performance evaluation, Case studies.

**PC A09/MF A02**  
Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FaTE Module. A Status Report. Lawrence Berkeley National Lab., CA. Mar 98, 156p, EPA/452/R-98/001. Contract EPA-68-D-30094. See also PB98-145527. Prepared in cooperation with Oak Ridge National Lab., TN, and IT Corp., Oak Ridge, TN. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The Office of Air Quality Planning and Standards (OAQPS) of the U.S. Environmental Protection Agency (EPA) is developing the Total Risk Integrated Methodology (TRIM), a multimedia, time-series simulation modeling system for the assessment of human and ecological risks resulting from hazardous and criteria air pollutants. The purpose of this report is to summarize the work performed during the first developmental phase of TRIM. The first phase included the conceptualization of TRIM and the implementation of the TRIM conceptual approach through the development of the first TRIM module, the environmental fate, transport, and exposure module, called TRIM.FaTE. TRIM.FaTE development focused on defining the mathematical structure of the module and initial testing and evaluation of these concepts. This report provides detailed information about the overall structure of TRIM and the development of the TRIM.FaTE module.

**Keywords:** "Environmental transport, "Risk assessment, Health hazards, Public health, Environmental exposure pathway, Dose-response relationships, Biokinetic models, Mass balance, Air pollution effects (Humans), Implementation, Requirements, Computerized simulation, Mathematical models, "TRIM (Total Risk Integrated Methodology), "Total Risk Integrated Methodology, "Environmental fate, Hazardous air pollutants, Clean Air Act Amendments of 1990.

**PC A03/MF A01**  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Thermodynamic, Energy-Efficient and Economic Criteria for Evaluation of Alternative Refrigerants for Heat Pumps. Rept. for Jun-Aug 97. Agurex Environmental Corp., Research Triangle Park, NC.

G. Kazachki, and C. L. Gage. 1998, 12p, EPA/600/A-98/068.

Contract EPA-68-D4-0005

Presented at the IIR Conference, Heat Pump Systems, Energy Efficiency and Global Warming, Linz, Austria, September 28-October 1, 1997. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper discusses thermodynamic, energy-efficient, and a economic criteria for evaluating alternative refrigerants for heat pumps. (NOTE: Thermodynamic properties have traditionally played a major role in evaluating a fluid as a potential refrigerant).

**Keywords:** "Refrigerant, "Heat pumps, Chlorofluorocarbons, Alternatives, Air conditioners, Thermodynamic properties, CFC (Chlorofluorocarbons).

**PC A02/MF A01**  
Environmental Protection Agency, Research Triangle Park, NC. Air and Energy Engineering Research Lab. Greenhouse Gases from Anaerobic Decomposition of Waste. Rept. for Oct 92-Oct 94. Pechan (E.H.) and Associates, Inc., Durham, NC. M. R. J. Doorn, S. A. Thorne, B. Eklund, and J. LaCosse. 1998, 8p, EPA/600/A-98/079. Contracts EPA-68-D1-0146, EPA-68-D1-0031. Presented at the Environmental Protection Agency/Air and Waste Management Association Emission Inventory Conference, Raleigh, NC, October 30-November 3, 1994. Prepared in cooperation with Radian Corp., Austin, TX. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air and Energy Engineering Research Lab. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This paper gives an overview of EPA/Air and Energy Engineering Research Laboratory's (AEERL's) programs to characterize emissions of greenhouse gases GHGs from wastewater treatment and disposal (WWT/D) sources in industrialized and developing countries.

**Keywords:** "Greenhouse gases, "Anaerobic processes, "Agricultural wastes, Biodegradation, Wastewater, Waste water, Emissions, Lagoons (Ponds).

**PC A15/MF A03**  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics. National Directory of AHERA Accredited Courses, May 29, 1998 Edition. VISTA Computer Services, Inc., Bethesda, MD. 29 May 98, 324p. Contract EPA-68-W-98-004. Supersedes PB97-135842. Sponsored by Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The National Directory of AHERA Accredited Courses is intended primarily for use by federal and state agencies involved in the training and accreditation of asbestos control professionals under the Asbestos Hazard Emergency Response Act of 1986 (AHERA), as amended by the Asbestos School Hazard Abatement Reauthorization Act of 1990 (ASHARA), under which the EPA Model Accreditation plan was issued. It contains information about training providers approved courses nationwide and is meant to serve as a comprehensive reference and resource document. It should also be useful for those training providers who offer accredited asbestos courses and to all consumers of these training services.

**Keywords:** "Asbestos, "Inspection, "Removal, "Training, "Directives, Courses (Education), US EPA,

Accreditation, Data bases, Personnel development, Education, Federal government, State government, Local government, "AHERA (Asbestos Hazards Emergency Response Act), "Asbestos Hazards Emergency Response Act.

**PC A06/MF A01**  
RCRA Implementation Plan (RIP): Fiscal Years 1996-97. Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response. May 95, 82p, EPA/530/R-95/006. See also PB96-163381. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The report defines the national policy and strategic goals and priority activities for the RCRA solid and hazardous waste program. Includes both changes and clarifications to the fiscal year 1994 RCRA implementation plan and the fiscal year 1995 addendum. It provides additional guidance in waste minimization, corrective action, state grants, beginning of the year plans, Indian programs, environmental justice, information management, state authorization, permitting/closure, and subtitle D activities.

**Keywords:** "Hazardous materials, "Program management, "Data management, Pollution abatement, Pollution control, Remediation, Municipal wastes, Industrial wastes, Incineration, Solid waste management, Ground disposal, Reporting, Implementation, Planning, Priorities, Ranking, Permits, Enforcement, State government, "RCRA (Resource Conservation and Recovery Act), "Resource Conservation and Recovery Act, Environmental justice, Waste minimization.

**PC A08/MF A02**  
Environmental Protection Agency, Washington, DC. Acid Rain Div. Operator's Guide to Eliminating Bias in CEM Systems. Source Technology Associates, Research Triangle Park, NC. J. A. Jahnke. Nov 94, 126p, EPA/430/R-94/016. Contract EPA-68-D2-0168. See also PB92-224369, and PB98-112931. Prepared in cooperation with Cadmus Group, Inc., Raleigh, NC. Sponsored by Environmental Protection Agency, Washington, DC. Acid Rain Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The inclusion of the t-test for bias in the Acid Rain Regulations, 40 CFR Part 75, signaled a marked improvement in the capability to detect a significant source of measurement error that had previously remained hidden. The capability to detect bias left environmental technicians and instrument operators with the often daunting job of, first, diagnosing the cause of the measurement bias, and, then, taking steps to correct it. This publication is intended to make that job easier. A pull-out chart, entitled Eliminating Bias in CEMS - A Checklist, provides a comprehensive listing of the monitoring system problems that can cause systematic error. A brief description and potential corrective actions are shown for each problem. Finally, the Checklist directs users to the appropriate pages in the accompanying Operator's Guide, where fuller descriptions of problems and remedies can be found. The accompanying Operator's Guide to Eliminating Bias in Monitoring Systems is organized into eight chapters. The problem areas covered are: Probe Location and Stratification (Chapter 2), Extractive Sampling Systems (Chapter 3), In-Situ Gas Monitoring Systems and Opacity Monitors (Chapter 4), Flow Monitors (Chapter 5), Gas Analyzers (Chapter 6), and Data Acquisition and Handling Systems (Chapter 7). Chapter 8, the last chapter in the Operator's Guide, discusses elements that should be incorporated into ongoing Quality Assurance Programs to detect and prevent the problems that produce systematic error in monitor measurements.

**Keywords:** "Air pollution monitoring, "Bias, "Statistical analysis, "Operators, Air pollution monitors, Facilities management, Operation and maintenance, Air pollu-

tion sampling, Data acquisition, Gas acquisition, Gas analysis, Data quality, Quality assurance, Continuous sampling, Error analysis, Guides, \*CEM(Continuous Emission Monitoring), \*Continuous Emission Monitoring, \*T tests, Acid Rain Program.

**PB98-151244REB** PC A03/MF A01  
Corvallis Environmental Research Lab., OR.  
**Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.**

Dynamac Corp., Corvallis, OR.  
J. R. Barker, M. Bollman, M. Fiorella, G. Bradshaw, and P. L. Ringold. 1998, 14p, EPA/600/A-98/061.  
Contract EPA-68-C6-0005

Presented at the International Conference on Geospatial Information in Agriculture and Forestry (1st), Lake Buena Vista, FL, June 1-3, 1998. Prepared in cooperation with Forest Service, Corvallis, OR. Pacific Northwest Research Station, and Oregon State Univ., Corvallis. Sponsored by Corvallis Environmental Research Lab., OR.

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The Airborne Data Acquisition and Registration (ADAR) remote sensing system captured one-meter resolution imagery of 25 different riparian sites in drift Creek Basin of coastal northwestern Oregon, USA. The multispectral, digital data characterized riparian areas with the intent to develop ecological indicators for long-term monitoring.

Keywords: \*Riparian plants, \*Forests, \*Canopies(Vegetation), \*Environmental monitoring, \*Biological indicators, \*Remote sensing, Drift Creek, River basins, Riparian land, Coniferous trees, Deciduous trees, Pattern recognition, Spatial resolution, Image analysis, Image processing, Regression analysis, \*Ecological indicators, ADAR(Airborne Data Acquisition and Registration), Northwestern Region(Oregon).

**PB98-151251REB** PC A03/MF A01  
National Risk Management Research Lab., Cincinnati, OH.

**Enhanced Remediation Demonstrations at Hill AFB: Introduction. Chapter 20. Book chapter.**  
Rice Univ., Houston, TX. Dept. of Environmental Science and Engineering.

P. B. Biedert, A. W. Holder, C. G. Enfield, and A. L. Wood. 1998, 20p, EPA/600/A-98/060.  
Grant EPA-R-822024

Sponsored by National Risk Management Research Lab., Cincinnati, OH., Strategic Environmental Research and Development Program, Arlington, VA, and Ogden Air Logistics Center, Hill AFB, UT. Environmental Restoration and Management Div.

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Nine enhanced aquifer remediation technologies were demonstrated side-by-side at a Hill Air Force Base Chemical Disposal Pit/Fire Training Area site. The demonstrations were performed inside 3 x 5 m cells isolated from the surrounding shallow aquifer by steel sheet piling.

Keywords: \*Air force facilities, \*Aquifers, \*Ground water, \*Remediation, \*Water pollution control, Fuels, Hydrocarbons, Aeration, Mobilization, Surfactants, Steam injection, Demonstration programs, \*Hill Air Force Base, Davis County(Utah), Light nonaqueous phase liquids, Chlorinated solvents, Solubilization, Microemulsion, Soil flushing.

**PB98-151343REB** PC A99/MF A06  
Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC, on April 24-26, 1995.

Environmental Protection Agency, Washington, DC. Office of Research and Development.  
Sept 96, 610p, EPA/625/R-96/007.  
Details in illustrations may not be fully legible in microfiche.

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The National Conference on Sanitary Sewer Overflows (SSO) was held in Washington DC on April 24-26, 1995. The conferences was a forum for nearly 500 environmental professionals to exchange technical information and experiences relating to the complex issues of sanitary sewer overflows (SSOs).

Keywords: \*Sanitary sewers, \*Sewer systems, \*Overflow, \*Meetings, Peak discharge, Surface runoff, Sewage disposal, Storm water runoff, Inflow, Outflow, Pipes(Tubes), Maintenance management, Public sector, Public utilities, Private sector, Communities, Water quality, Monitoring, Watersheds, Case studies.

**PB98-151467REB** PC A02/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
**Small Scale Biomass Fueled Gas Turbine Engine.** Rept. for Feb 92-Oct 97.

Cratch, Inc., Tahoka, TX.  
J. D. Craig, and C. R. Purvis. 1998, 8p, EPA/600/A-98/077.

Presented at the ASME IGIL Turbo Expo '98, Stockholm, Sweden, June 2-5, 1998. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div., Tennessee Valley Authority, Chattanooga., Strategic Environmental Research and Development Program, Arlington, VA, and Department of Energy, Golden, CO. Western Region Biomass Energy Program.

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The paper discusses a new-generation, small-scale (< 20 MWe) biomass-fueled power plant that is being developed based on a gas turbine (Brayton Cycle) prime mover. The new power plants are also expected to economically utilize annual plant growth materials (e.g., straw, grass, rice hulls, animal manure, cotton gin trash, and nut shells) that are not normally considered as fuel for power plants. The paper summarizes the new power generation concept with emphasis on the engineering challenges presented by the gas turbine component.

Keywords: \*Biomass conversion, \*Gas turbine engines, \*Electric power generation, Wood fuels, Wood wastes, Combustion efficiency, Brayton cycle, Fuel combustion, Fuel control, Air pollution abatement, \*Pollution prevention.

**PB98-151475REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

**Mechanistic Implications of Polychlorinated Dibenzodioxin and Dibenzofuran Homologue Profiles from Municipal Waste and Coal Co-Combustion.** Rept. for Oct 94-Mar 98.

ARCADIS Geraghty and Miller, Inc., Research Triangle Park, NC.

B. K. Gullett, J. E. Dunn, S. K. Bae, and K. Raghunathan. 1998, 16p, EPA/600/A-98/074.  
Contract EPA-68-D4-0005

Presented at the International Conference on Incineration and Thermal Treatment Technologies (17th), Salt Lake City, UT., May 11-15, 1998. Prepared in cooperation with Arkansas Univ., Fayetteville. Dept. of Mathematical Sciences. and Changwon National Univ. (Republic of Korea). Dept. of Environmental Engineering.

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The paper discusses the mechanistic implications of polychlorinated dibenzodioxin and dibenzofuran (PCDD and PCDF) homologue profiles from municipal waste and coal co-combustion. Variation in PCDD and PCDF homologue profiles from a pilot-scale, co-fired-fuel combustion program was used to provide insights into postcombustion PCDD and PCDF pollution forma-

tion mechanisms. The molar quantities of the mono- to octa-chlorinated homologues were determined as a function of sampling temperature and residence time, combustor operating conditions, and fuel type mixtures from a research program designed to determine the effect of co-firing coal with municipal solid waste on emissions of PCDDs and PCDFs. A 24-run, statistically designed test matrix varied dRDF and/or coal firing rates (at a constant targeted energy release rate) along with a range of process variables including calcium hydroxide injection, hydrogen chloride concentration, flue gas temperature, quench, and residence time such that the results would be relatable to a wide variety of waste combustors.

Keywords: \*Polychlorinated dibenzodioxins, \*Polychlorinated dibenzofurans, \*Air pollution sampling, \*Combustion products, Municipal wastes, Combustors, Coal combustion, Cocombustion, Incinerators, Dioxins, Furans, Halohydrocarbons, Combustion kinetics, Exhaust emissions, Air pollution sources, Homologues.

**PB98-151483REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab.

**Mercury Control Research: Effects of Fly Ash and Flue Gas Parameters on Mercury Speciation.** Rept. for Apr-Sep 97.

ARCADIS Geraghty and Miller, Inc., Research Triangle Park, NC.

C. W. Lee, J. D. Kilgroe, and S. B. Ghorishi. 1998, 22p, EPA/600/A-98/075.  
Contract EPA-68-D4-0005

Presented at the Annual Waste-to-Energy Conference (6th), Miami, FL., May 11-13, 1998. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab.

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The paper discusses results of bench-scale experiments to study the effects of flue gas and fly ash parameter on the oxidation of elementary mercury (Hgo) in simulated flue gases containing hydrogen chloride (HCl).

Keywords: \*Mercury(Metal), \*Fly ash, \*Flue gases, \*Air pollution monitoring, \*Combustion chemistry, Combustion products, Chemical reactivity, Catalysis, Oxidation, Hydrogen chloride, Mercuric chloride, Water vapor, Sulfur dioxide, Fixed bed reactors.

**PB98-151491REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

**Enhanced Formation of Dioxins and Furans from Combustion Devices by Addition of Trace Quantities of Bromine.** Rept. for Jan-Mar 98.

ARCADIS Geraghty and Miller, Inc., Research Triangle Park, NC.

P. M. Lemieux, and J. V. Ryan. 1998, 26p, EPA/600/A-98/076.

Contract EPA-68-D4-0005

Presented at the 1998 International Conference on Incineration and Thermal Treatment Technologies, Salt Lake City, UT., May 11-15, 1998. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses enhancing the formation of dioxins and furans from combustion devices by adding trace quantities of bromine (Br). Emissions of trichloroethylene and tetrachloroethylene, generated as PICs from the fuel-lean combustion of methylene chloride, were enhanced by up to 3 orders of magnitude by introducing Br in the form of methylene bromide at a constant halogen molar input rate with a 1:10 Br/chlorine (Cl) molar ratio. The two chlorinated PICs in question are both potential ring growth precursors, which could lead to enhanced formation of polychlorinated dibenzodioxins and polychlorinated dibenzofurans (PCDDs/PCDFs). The experiments described in this paper expand on the earlier work by examining the effect of

trace amounts of Br on the formation of PCDDs/PCDFs, in addition to other chlorinated, brominated, and mixed bromochloro organic PICs.

**Keywords:** "Dioxins, "Furans, "Incinerators, "Air pollution monitoring, "Combustion products, Bromine, Trace amounts, Combustion chemistry, Chemical reactivity, Polychlorinated dibenzofurans, Polychlorinated dibenzodioxins, Methylene chloride, Methylene bromide, Trichloroethylene, Tetrachloroethylene, Halohydrocarbons, Air pollution sources, PICs(Products of Incomplete Combustion).

**PB98-151509REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab. Results of the September 1997 DOE/EPA Demonstration of Multimetal Continuous Emission Monitoring Technologies. Rept. for Jul-Oct 97. Sky (Plus), Oakland, CA.

P. M. Lemieux, J. V. Ryan, N. B. French, D. B. Burns, W. J. Haas, and S. J. Priebe. 1998, 16p, EPA/600/A-98/073.

**Contract EPA-68-D4-0005**  
Presented at the 1998 International Conference on Incineration and Thermal Treatment Technologies, Salt Lake City, UT., May 11-15, 1998. Prepared in cooperation with Ames Lab., IA., Idaho National Engineering and Environmental Lab., Idaho Falls, and Westinghouse Savannah River Co., Aiken, SC.

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The paper gives results of a September 1997 DOE/EPA demonstration multimetal continuous emission monitoring (CEM) technologies. The demonstration at EPA's combustion laboratory in Research Triangle Park, NC, involved side-by-side testing of seven multimetal CEMs at various stages of commercialization.

**Keywords:** "Air pollution monitors, "Metals, "Combustion products, Air pollution sampling, Particulates, Flue gases, Fly ash, Particles, Toxic substances, Incinerators, Exhaust emissions, Continuous sampling.

**PB98-151517REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Near-Real-Time Measurement of Trace Volatile Organic Compounds from Combustion Processes Using an On-Line Gas Chromatograph. Rept. for Aug 97-Apr 98.

Acurex Environmental Corp., Research Triangle Park, NC.

J. V. Ryan, P. M. Lemieux, and W. T. Preston. 1998, 18p, EPA/600/A-98/072.

**Contract EPA-68-D4-0005**  
Presented at the International Conference on Incineration and Thermal Treatment Technologies, Salt Lake City, UT., May 11-15, 1998. Prepared in cooperation with ARCADIS Geraghty and Miller, Inc., Research Triangle Park, NC. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses the near-real-time measurement of trace volatile organic compounds (VOCs) from combustion processes using an on-line gas chromatograph (OLGC). The EPA-development near-real-time volatile organic compound (VOC) CEM, using an OLGC, is capable of measuring more than 20 VOCs at concentrations typically found in well-operated combustion systems. The OLGC system consists of a sample delivery system, a sample concentrator, and a GC equipped with both flame ionization and electron capture detectors. Additional work has improved system performance, including increased automation and improved calibration technique. Measurement performance was examined in detail through comparisons to various CEM performance criteria, specifically calibrated error, calibration drift error, and system bias.

**Keywords:** "Air pollution sampling, "Gas chromatography, "Combustion products, "Trace amounts, Chromatographs, Flue gases, Flame ionization, Electron capture, Detectors, Continuous sampling, Air pollution sources, Air pollution monitoring, "Volatile organic compounds, CEM(Continuous Emission Monitors).

**PB98-151632REB** PC A02/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Demonstration of Liquid CO<sub>2</sub> as an Alternative for Metal Parts Cleaning. Rept. for Aug 94-Apr 96.

Research Triangle Inst., Research Triangle Park, NC. C. H. Darvin, and E. A. Hill. 1998, 10p, EPA/600/A-98/086.

Grant EPA-R-818419

Presented at Precision Cleaning '97, Cincinnati, OH., April 15-17, 1997. See also PB97-121149. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses the demonstration of a non-solvent liquid carbon dioxide (LCO<sub>2</sub>) alternative for metal parts cleaning. The demonstration was conducted at the Warner Robins Air Logistics Center, Robins Air Force Base, Georgia, in August 1995 to show the feasibility and capability of the LCO<sub>2</sub> process. Actual aircraft parts, including scrap parts and non-flight tools, were cleaned during the demonstration. A great variety of part were selected for cleaning, including bearings, fuel system tubing, filters, bolts and other mechanical and structural aircraft parts. The demonstration incorporated hot oil process oil and ultrasonics to enhance and maximize the efficiency of the process. The LCO<sub>2</sub> process was shown to be equivalent to 1,1,1-trichloroethane cleaning for the parts evaluated during the project.

**Keywords:** "Degreasing, "Surface cleaning, "Metal cleaning, "Alternatives, Cleaners, Solvents, Environmental chemical substitutes, Material substitution, Air pollution abatement, Performance evaluation, Demonstration programs, "Liquid carbon dioxide, "Metal parts, Pollution prevention.

**PB98-151640REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Sampling and Analysis of VOCs for Indoor Air Source Characterization.

Acurex Environmental Corp., Research Triangle Park, NC.

R. Fortmann, K. Krebs, S. Marfiak, and M. Mason. 1998, 16p, EPA/600/A-98/087.

**Contract EPA-68-D4-0005**  
Presented at the EPA/AWMA Conference, "Engineering Solutions to Indoor Air Quality Problems", Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses issues related to sampling and analysis that should be addressed in the design and performance of source characterization testing, whether performed in small chambers, large chambers, test houses or in the field. Selection of the sampling method (e.g., whole air samples, on-line sampling, or sorbent media) and design of the sampling protocol, for example, are important factors that are a function of volatile organic compounds (VOCs) in the emissions and the emissions profile. The applicability of different sorbent media or whole air methods depends on collection efficiency, recovery efficiency, and storage stability. Changing VOC concentrations and the often large differences in concentration between individual compounds may make sampling difficult. Several factors (e.g., water vapor concentration) affect the selection of thermal desorbers (for sorbents), the concentration method, gas chromatography columns, and detectors. The paper also highlights quality assurance

issues and reporting of measurement methods and results.

**Keywords:** "Indoor air pollution, "Air pollution sources, "Air pollution sampling, "Emissions, "Test chambers, Stationary pollutant sources, Emission factors, Air pollution detection, Ecological concentration, Testing, Design criteria, Performance evaluation, Sample preparation, Collecting methods, Sorbents, Air pollution control, "Volatile organic compounds.

**PB98-151657REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Sampling and Analytical Strategies for Organic Emissions Testing of Wet Sources in Small Chambers. Rept. for 1996-97.

Acurex Environmental Corp., Research Triangle Park, NC.

K. Krebs, J. Chang, M. Mason, H. C. Lao, S. Marfiak, R. Fortmann, and Z. Guo. 1998, 14p, EPA/600/A-98/088.

**Contract EPA-68-D4-0005**

Presented at the Air and Waste Management Association International Symposium on Measurement of Toxics and Related Air Pollutants, Durham, NC., April 29-May 1, 1997. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses some sampling and analytical issues involve with small environmental chamber testing of wet sources. Tests measuring emissions from latex paints and alkyd-based paints will be used to illustrate these issues. Sampling issues are discussed, such as the selection of sampling methods, preparation of sorbents, and sampling frequency and size. Analytical issues described include the choice of instrumentation and detectors for different types of compounds.

**Keywords:** "Latex, "Paints, "Test chambers, "Air pollution sampling, "Emissions, Air pollution sources, Air pollution detection, Detectors, Testing, Organic compounds, Sorbents, Indoor air pollution, Analytical methods, Mathematical models, Wet sources.

**PB98-151665REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Study of the Structures of Spray Cones Utilizing Digital Particle Image Velocimetry.

Illinois Univ. at Urbana-Champaign. Bioenvironmental Engineering Research Lab.

M. M. Cui, L. L. Christianson, M. E. Tumbleson, and K. W. Leovic. 1998, 16p, EPA/600/A-98/089.

Grant EPA-R-822007

Presented at the EPA/AWMA Conference, "Engineering Solutions to Indoor Air Quality Problems", Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses a study of the structures of spray patterns, utilizing digital particle-imaging techniques and laser Doppler velocimetry. To provide sufficient data for reliable statistics, measurements included 5 types of aerosols and 120 to 240 replications for each set of parameters. An engineering model has been developed to predict the behavior of aerosol sprays. The experimental results and model can be used to optimize the design and to improve the efficacy of aerosol consumer products.

**Keywords:** "Aerosols, "Sprayers, "Laser doppler velocimeters, "Particle image velocimetry, "Velocity measurement, Particles, Atomizers, Consumer products, Environmental transport, Air pollution abatement, Pollution prevention.



PB98-151673REB

PC A03/MF A01

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Novel, Whole-Field, Non-Intrusive Diagnostic Technique for Improvement of Indoor Air Quality. Illinois Univ. at Urbana-Champaign. M. M. Cui, L. L. Christianson, and M. E. Tumbleson. 1998, 16p, EPA/600/A-98/090.

Grant EPA-R-822007

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses the development of a novel, whole-field, non-intrusive diagnostic technique and associated instrumentation and their application to study full-scale room air flows. The system is designed to study local field quantities in occupied zones (microclimate), ventilation effectiveness, and airborne pollutant transport in the indoor environment. The system can be applied to evaluate the fate and transport of aerosol consumer products in typical commercial and residential settings. The technique and instrumentation have been applied successfully to study localized air flow patterns and particle concentration distribution in the indoor environment. The results of this research can be used to develop more efficacious aerosol consumer products.

Keywords: "Indoor air quality, "Air flow, "Environmental transport, "Aerosols, "Space HVAC systems, Indoor air pollution, Air pollution monitoring, Ventilation, Commercial buildings, Residential buildings, Particles, Consumer products, Flow patterns, Diagnostic routines, Air pollution abatement, Pollution prevention, Environmental fate.

PB98-151681REB

PC A03/MF A01

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Measurement of Indoor Air Emissions from Office Equipment.

Research Triangle Inst., Research Triangle Park, NC. K. W. Leovic, J. A. Calcagni, R. G. Hetes, D. Whitaker, C. M. Northem, and L. Sheldon. 1998, 16p, EPA/600/A-98/091.

Grant EPA-R-822025

See also PB95-191375. Presented at EPA/AWMA Conference 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper discusses the development of a standardized test method for measuring indoor air emissions from office equipment. It is intended to be generally applicable to all types of office equipment and to be analytically sensitive in order to identify the entire range of emissions, including those that may be problematic at lower concentrations. The method is intended to promote uniform testing and research of pollution prevention opportunities rather than to determine regulatory compliance (i.e., if occupational exposure standards are met). Flow-through dynamic test chambers were selected because they are generally applicable to all types of equipment and provide the most versatile data. The paper provides background information on the project and describes the test protocol in detail, including: chamber specifications, sample collection, and analytical equipment. Preliminary results of a validation study of the test method—using dry-process photocopy machines—are also presented.

Keywords: "Office equipment, "Emissions, "Air pollution monitoring, Office machines, Printers, Ozone, Particulates, Test methods, Test chambers, Indoor air quality, Air pollution abatement, Indoor air pollution, "Copiers, "Photocopiers, Volatile organic compounds, Pollution prevention.

PB98-151723REB

PC A03/MF A01

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Review of Concentration Standards and Guidelines for Fungi in Indoor Air.

Harvard School of Public Health, Boston, MA. Dept. of Environmental Health. C. Rao, H. Burge, and J. Chang. 1998, 18p, EPA/600/A-98/103.

Grant EPA-R-822641

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper reviews and compares existing guidelines for indoor airborne fungi, discusses limitations of existing guidelines, and identifies research needs that should contribute to the development of realistic and useful guidelines for these important air pollutants. Existing guidelines are based exclusively on baseline data (rather than on health effects data), and are either absolute (listing numbers) or relative (comparing indoors to outdoors), or a combination of the two. Regulations controlling fungal aerosols have been published only by the Russian Federation. The U.S. Occupational Safety and Health Administration (OSHA) has proposed a standard that is being reviewed. Other guidelines have been proposed or sponsored by North American and European government agencies. Finally, some of the most often quoted guidelines have been proposed by individuals based on either prospective sampling studies or personal experience. Guidelines specify from < 100 to > 1000 colony forming units/cu m (total fungi) as the upper limit for non-contaminated indoor environments.

Keywords: "Fungi, "Ecological concentration, "Standards, "Guidelines, "Indoor air quality, Microorganisms, Colonies(Biology), Aerosols, Air pollution sampling, Indoor air pollution, Bioaerosols.

PB98-151731REB

PC A03/MF A01

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Ongoing Evaluation of Sources and Factors Affecting Emissions from Engineered Wood Products.

Research Triangle Inst., Research Triangle Park, NC. S. L. Turner, C. B. Martin, L. S. Sheldon, J. N. Baskir, and E. M. Howard. 1998, 20p, EPA/600/A-98/102.

Grant EPA-R-822002

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The paper describes an ongoing evaluation of sources and factors affecting emissions from engineered wood products. It summarizes early results from emissions testing of engineered wood products. These tests have shown the emissions of volatile organic compounds (VOCs) from the alcohol, aldehyde/ketone, ester, aromatic and aliphatic hydrocarbon, monoterpene, sesquiterpene, indene, and alkyl ether chemical families from engineered wood samples. This information will be used to target pollution prevention approaches, such as alternate materials and production technologies for raw board and engineered wood products, for reducing VOC emissions.

Keywords: "Air pollution sources, "Emission factors, "Wood products, "Indoor air quality, Emissions, Alcohols, Aldehydes, Ketones, Indoor air pollution, Air pollution sampling, Quantitative analysis, Materials substitution, Test chambers, Air pollution abatement, Volatile organic compounds, Pollution prevention.

PB98-151749REB

PC A03/MF A01

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

Air Exchange Rate Measurements in an IAQ Test House.

Axure Environmental Corp., Research Triangle Park, NC.

Z. Guo, L. E. Sparks, and M. R. Bero. 1998, 20p, EPA/600/A-98/101.

Contract EPA-68-D4-0005

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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In the past 6 years, over 1,000 tracer gas measurements have been made to determine the air exchange rates in the EPA Indoor Air Quality Test House. The major factors that affected the air exchange rate include: weather conditions, operation of the heating and air-conditioning (HAC) system, and closing or opening the interior doors. An empirical model that correlates air infiltration rate to indoor/outdoor temperature difference and outdoor wind speed can predict the air exchange rate with an average predictive error of 10%. The model also makes it possible to construct a continuous air exchange profile, with which the diurnal and annual patterns can be examined. With the HAC system on, the air exchange rate showed diurnal and annual patterns can be examined. With the HAC system on, the air exchange rate showed a moderate increase as compared to that with the system off. In a striking contrast, the interior doors had much greater impact on air exchange: under similar weather conditions, closing all interior doors doubled the air exchange rate when the HAC system was on. Type III mixing difficulty was observed in the test house. Results from extensive computer simulations showed that, for tracer decay method, air exchange rate calculated by using the data in the first hour and after 4 or 5 hours contained much greater error than that calculated by using the data in between. Recommendations are made for minimizing such error.

Keywords: "Air pollution monitoring, "Houses, "Indoor air quality, Air flow, Air infiltration, Doors, Flow rates, Indoor air pollution, Heating equipment, Air conditioning equipment, Ventilation systems, Space HVAC systems, Environmental tests, Computerized simulation, Mathematical models, "Air exchange rates.

PB98-151756REB

PC A07/MF A02

Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).

Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment.

R. M. Bruce. Apr 98, 102p, EPA/635/R-98/008, NCEA-S-0420.

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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Beryllium and Compounds (CAS No. 7440-41-7).

Keywords: "Beryllium, "Toxicity, "Environmental exposure, "Health hazards, "Dose-response relationships, "Risk assessment, Beryllium compounds, Toxicology, Inhalation, Oral dosage, Reproduction(Biology), Dermal absorption, Gastrointestinal diseases, Parenteral infusions, Lung neoplasms, Carcinogenicity tests, Chronic disease, Chronic exposure, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, CAS 7440-41-7, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-151784REB** PC A04/MF A01  
**Toxicological Review of Bentazon** (CAS No. 25057-89-0).  
 Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment. H. W. Spencer. Feb 98, 40p, EPA/635/R-98/005, NCEA-S-0414.  
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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Bentazon (CAS No. 25057-89-0).

**Keywords:** "Toxicity, "Environmental exposure, "Health hazards, "Dose-response relationships, "Risk assessment, Pesticides, Toxicology, Inhalation, Oral dosage, Reproduction(Biology), Dermal absorption, Carcinogenicity tests, Chronic disease, Chronic exposure, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, "Bentazon, CAS 25057-89-0, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-151772REB** PC A03/MF A01  
**Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Effect of Relative Humidity on Gaseous Air Cleaner Media Performance: Toluene Adsorption by Activated Carbon.**  
 Research Triangle Inst., Research Triangle Park, NC. M. K. Owen, D. W. VanOsdell, L. B. Jaffe, and L. E. Sparks. 1998, 18p, EPA/600/A-98/096.  
 Grant EPA-R-822870-01  
 Presented at EPA/AWMA Conference, "Engineering Solutions to Indoor Air Quality Problems", Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
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The paper gives results of an examination of the performance characteristics of activated carbon as a gas-phase air cleaner medium under various levels of relative humidity (RH) and a range of toluene concentrations. Toluene breakthrough curves at levels of humidity from below 5 to 80% were obtained. The concentration of the toluene challenge varied from 0.4 to 72.8 ppm. The experiments were performed in a small-scale test rig with temperature, flowrate, and humidity controls. These experiments provided data to explore the relationship of useful lifetime to RH. Below 50% RH, RH appears to have negligible influence on the adsorption of toluene but, by 75% RH, the toluene adsorption is decreased. Above the inflection point in the relationship between the carbon water content and the RH of the challenge air, the water interferes with the adsorption of toluene. Thus, the water adsorption curve supports the toluene adsorption data. The linearity of the relationship between the concentration and the 10% breakthrough time indicates that high concentration breakthrough data can be used to predict the breakthrough time for lower concentration challenges.

**Keywords:** "Toluene, "Adsorption, "Activated carbon treatment, "Emissions, "Air pollution control equipment, "Air cleaners, Gases, Granular activated filters, Test chambers, Flow rates, Air flow, Ecological concentration, Relative humidity, Performance evaluation, Indoor air pollution.

**PB98-151780REB** PC A03/MF A01  
**Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Developing Guidance for Considering Cost-Effectiveness When Selecting and Designing IAQ Control Approaches.**  
 Research Triangle Inst., Research Triangle Park, NC.

D. B. Henschel, and P. R. Peterson. 1998, 20p, EPA/600/A-98/105.  
 Grant EPA-R-822870-01  
 Presented at EPA/AWMA Conference, "Engineering Solutions to Indoor Air Quality Problems", Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
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The paper discusses the development of guidance for considering cost-effectiveness when selecting and designing indoor air quality (IAQ) control approaches. A program has been initiated to develop technical guidance that will assist the user in selecting and designing the most cost-effective combination of IAQ control options in any specific circumstances. The initial guidance will be general guidance for commercial and institutional buildings, based on a series of case studies. The initial effort has focussed on defining the methodology for developing this guidance. The on-going methodology development efforts described here include definition of: the scenarios for which alternative IAQ control approaches might be considered as competitive options; the methods for calculating cost and effectiveness; and the methods for presenting, in a user-friendly manner, cost-effectiveness as a function of effectiveness in reducing occupant exposure. The case studies that will be conducted, using the methodology, will involve detailed definition of all key building; heating, ventilation, and air-conditioning; source; occupancy; and IAQ-related parameters for the given case (e.g., a particular new small office building). A sensitivity analysis will then be conducted.

**Keywords:** "Indoor air quality, "Cost effectiveness, "Air pollution control, "Design analysis, "Selection, Indoor air pollution, Air cleaners, Ventilation systems, Space HVAC systems, Heating equipment, Air conditioning equipment, Alternatives, Scenarios, Commercial buildings, Office buildings, Public buildings, Guidance.

**PB98-151798REB** PC A05/MF A01  
**Toxicological Review of Methylene Diphenyl Diisocyanate (MDI)** (CAS No. 101-68-8 and 9016-87-9).  
 Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment. M. M. Greenberg. Feb 98, 62p, EPA/635/R-98/006, NCEA-S-0418.  
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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).

**Keywords:** "Toxicity, "Environmental exposure, "Health hazards, "Dose-response relationships, "Risk assessment, Diisocyanates, Toxicology, Inhalation, Oral dosage, Chronic exposure, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, "Methylene diphenyl diisocyanate, CAS 101-68-8, CAS 9016-87-9, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-152655REB** PC A05/MF A01  
**Glossary of Terms from Federal Air Programs.**  
 Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. May 95, 66p, EPA/456/B-95/002.  
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Contained in this this glossary are terms found in the various Federal air programs under the Clean Air Act. A matrix summarizing all terms found in Clean Air Act programs and the specific documents in which terms are defined was developed to assist in the compilation of this document and is found in Appendix A.

**Keywords:** "Glossaries, "Terms, "Federal programs, Federal goemnt, US EPA, Pollution regulations, Environmental law, Environmental policies, Air pollution standards, Terminology, "Clean Air Act Amendments of 1990, State Implementation Plans, New Source Performance Standards, New Source Review, Title V Operating Permits, National Emission Standards for Hazardous Air Pollutants.

**PB98-152663REB** PC A06/MF A01  
**Basis and Purpose Document for the Development of Final National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery Operations.**  
 Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. May 96, 82p, EPA/453/R-96/010B.  
 See also PB95-110151.  
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The U.S. Environmental Protection Agency (EPA) is developing National Emission Standards for Hazardous Air Pollutants (NESHAP) under the authority of Section 112 of the Clean Air Act for off-site waste and recovery operations that emit hazardous air pollutants (HAP). The NESHAP applies to specific types of facilities that are determined to be major sources of HAP emissions and receive certain wastes, used oil and used solvents from off-site locations for storage, treatment, recovery, or disposal at the facility. The purpose of this document is to present the EPA's response to major public comments on the proposed Off-Site Waste and Recovery Operations NESHAP.

**Keywords:** "Air pollution control, "Waste treatment, Waste processing plants, Waste water treatment, Waste recycling plants, Waste storage, Solid waste disposal, Hazardous materials, Exhaust emissions, Emission factors, Air pollution monitoring, Air pollution standards, Pollution regulations, Requirements, Standards compliance, Environmental impacts, Economic impact, Cost analysis, "NESHAP(National Emission Standards for Hazardous Air Pollutants), "National Emission Standards for Hazardous Air Pollutants, "Off-site waste operations, Energy impact, Clean Air Act Amendments of 1990, Public comments, Responses.

**PB98-152689REB** PC A06/MF A02  
**Supplement C to Compilation of Air Pollutant Emission Factors. Volume 1. Stationary Point and Area Sources (Fifth Edition).**  
 Environmental Protection Agency, Research Triangle Park, NC. Emission Factor and Inventory Group. Nov 97, 100p, EPA/454/F-98/005.  
 See also Supplement B, PB97-155113.  
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**Contents:**  
 Meat Packing Plants;  
 Natural and Processed Cheese;  
 Bread Baking;  
 Cane Sugar Processing;  
 Sugarbeet Processing;  
 Distilled Spirits;  
 Leather Tanning;  
 Brick and Structural Clay Product Manufacturing;  
 Frit Manufacturing;  
 and Taconite Ore Processing.

**Keywords:** "Air pollution sources, "Stationary pollutant sources, "Emission factors, Area sources, Point sources, Sampling, Hazardous materials, Toxic substances, Food industry, Meat packing industry, Cheeses, Bread, Baking, Sugar cane, Sugar beets, Sugar industry, Alcoholic beverages, Beverage industry, Tanning, Leather industry, Bricks, Structural clay products, Manufacturing, Frit, Taconite, Ore processing, Distilled spirits.

**PB98-152705REB** PC A16/MF A03  
**Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.**  
 Environmental Protection Agency, Seattle, WA. Region X.  
 K. B. Macdonald, and F. Weinmann. Dec 97, 330p.  
 EPA/910/R-97/007.  
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The 1995 International Conference of the Society for Ecological Restoration was held on the University of Washington, Seattle Campus in September 1995. The papers and abstracts included in this Proceedings volume have been divided among three groups: Taking a Broader View, Taking a Closer Look, and Works in Progress. These first 14 contributions are generally broad in scope and context. They consider the role of wetland and riparian habitats on a landscape or watershed scale, emphasizing regional approaches to wetlands restoration planning. The 11 contributions in 'Taking a Closer Look', cover a broad range of topics but generally focus in greater depth on individual restoration sites: Jetty Island, the Salmon River, Batiquitos Lagoon, an Illinois Kettle marsh, and South Carolina bottomland hardwoods. 'Works in Progress', include 38 extended and short abstracts. The first 17 of these are extended abstracts—modified and expanded by the authors following the SER 95 Conference. The remaining 21 short abstracts are reprinted just as they appeared in the SER 95 Conference Program. They are included here to illustrate the tremendous breadth of studies being pursued by wetland and riparian habitat restorationists.

**Keywords:** "Riparian waters, "Wetlands, "Restoration, "Meetings, Habitat improvement, Riparian land, Ecosystems, Environmental planning, Watersheds, Case studies, Pacific Northwest(US), United States.

**PB98-152879REB** PC A07/MF A02  
**Economic Analysis and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.**  
 Environmental Protection Agency, Washington, DC. Engineering and Analysis Div.  
 W. Anderson. Jan 98, 106p, EPA/821/B-97/010.  
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This document discusses in detail how effluent sampling data for selected pollutants and facilities were used to develop the proposed BPT effluent limitations. The document provides an overview of the statistical analyses; describes the sources of data; describes the modified delta-lognormal distribution which was used to derive the proposed limitations; and evaluates an alternative statistical model which was considered in developing the limitations.

**Keywords:** "Industrial wastes, "Combustors, "Economic analysis, "Cost effectiveness, "Point sources, "Water pollution control, "Water quality standards, Incinerators, Water pollution sources, Water pollutants, Sectoral analysis, Water pollution economics, Chemical effluents, Environmental impacts, Economic impact, Social impact, Guidelines, POTW(Publicly-Owned Treatment Works), Regulatory Flexibility Analysis, BPT(Best Practicable Control Technology), BAT(Best Available Technology).

**PB98-152887REB** PC A05/MF A01  
**Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.**  
 Environmental Protection Agency, Washington, DC. Engineering and Analysis Div.  
 Jan 98, 68p, EPA/821/B-97/006.  
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The document discusses in detail how effluent sampling data for selected pollutants and facilities were used to develop the proposed BPT effluent limitations. The document provides an overview of the statistical analyses; describes the sources of data; describes the modified delta-lognormal distribution which was used to derive the proposed limitations; and evaluates an alternative statistical model which was considered in developing the limitations.

**Keywords:** "Landfills, "Point sources, "Chemical effluents, "Water pollution control, "Water quality standards, "Guidelines, "Statistical data, Earth fills, Water pollution sources, Water pollution sampling, Waste streams, Water treatment, Hazardous materials, Data acquisition, Data analysis, Statistical analysis, BPT(Best Practicable Control Technology), Non-hazardous wastes.

**PB98-152895REB** PC A12/MF A03  
**Reregistration Eligibility Decision (RED): Thiobencarb. (Includes RED Facts: Thiobencarb) Fact Sheet.**  
 Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. Dec 97, 248p, EPA/738/R-97/013.  
 For Fact Sheet only, see PB98-153018.  
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This Reregistration Eligibility document (RED) addresses the eligibility for reregistration of pesticide products containing the active ingredient thiobencarb S-((4-chlorophenyl)methyl) diethylcarbamothioate. This document presents the Agency's decision regarding the reregistration eligibility of the registered uses of thiobencarb.

**Keywords:** "Pesticides, Herbicides, Thiocarbamates, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Thiobencarb, "Reregistration, Use patterns, CAS 28249-77-6.

**PB98-152903REB** PC A11/MF A03  
**Reregistration Eligibility Decision (RED): Terbacil. (Includes RED Facts: Terbacil Fact Sheet).**  
 Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. Jan 98, 216p, EPA/738/R-97/011.  
 For Fact Sheet only, see PB98-153000. See also PB85-120186.  
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This Reregistration Eligibility Decision Document (RED) addresses the reregistration eligibility of the pesticide terbacil, which includes the active ingredient 3-tert-butyl-5-chloro-6-methyluracil. This document presents the Agency's decision regarding the reregistration eligibility of the registered uses of terbacil including the risk to infants and children for any potential dietary, drinking water, dermal or oral exposures, and cumulative effects as stipulated under the FQPA.

**Keywords:** "Pesticides, Uracils, Herbicides, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Terbacil, "Reregistration, 3-tert-butyl-5-chloro-6-methyluracil, Use patterns, Cas 5902-51-2.

**PB98-152911REB** PC A05/MF A01  
**Status of Chemicals in Special Review.**  
 Environmental Protection Agency, Arlington, VA. Special Review and Reregistration Div.  
 Feb 98, 62p, EPA/738/R-98/001.  
 See also PB90-185414.  
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 Special Reviews in Process;  
 Special Reviews Completed;  
 Final Determinations on Pre-Special Reviews/  
 Deferred to Reregistration;  
 Final Actions/Voluntary Cancellations;  
 and Cancellations Issued Prior to RPAR/Special Review Process).

**Keywords:** "Pesticides, "Reviewing, Chemical compounds, Toxicity, Health hazards, Biological effects, Listings, Reregistration, Registration status, Special review processing, FIFRA(Federal Insecticide Fungicide and Rodenticide Act), RPAR(Rebuttable Presumption Against Registration).

**PB98-152937REB** PC A02/MF A01  
**National Estuary Program: A Ten-Year Perspective. Demonstrating Practical Tools for Watershed Management through the National Estuary Program.**  
 Environmental Protection Agency, Washington, DC. Office of Water.  
 Jan 98, 6p, EPA/842/F-98/002K.  
 See also PB92-233154.  
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1997 marked the 10th anniversary of the US EPA's flagship watershed effort, the National Estuary Program (NEP). What began as a demonstration of an alternative to traditional command-and-control regulatory approaches to water quality problems has evolved into a model for integrated, watershed-based, stakeholder-oriented, water resource management.

**Keywords:** "Watershed management, "Water quality management, "Environmental protection, "Aquatic ecosystems, Watershed, Estuaries, Wetlands, Beaches, Aquatic biology, Environmental planning, Environmental monitoring, Habitat improvement, Environmental issues, US EPA, Citizen participation, States(United States), "National Estuary Program, CCMP(Comprehensive Conservation and Management Plan).

**PB98-152944REB** PC A03/MF A01  
**National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.**  
 Environmental Protection Agency, Washington, DC. Office of Water.  
 May 98, 26p, EPA/823/R-98/004.  
 See also PB98-154032.  
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The purpose of this report is to present a list of potential 'action items' related to beach health. The U.S. Environmental Protection Agency (EPA) and the Association of State and Territorial Health Officials (ASTHO) cosponsored the first national BEACH conference on October 15-16, 1997, in Annapolis, Maryland. Numerous topics related to beach health were presented and discussed at the conference. Participants were asked to identify needs for technical assistance, assign priorities for short- and long-term actions, and, where possible, recommend protocols and procedures to encourage greater consistency among jurisdictions in beach health issues.

**Keywords:** "Beaches, "Environmental health, "Water quality, "Meetings, Coastal areas, Coastal waters, Water pollution effects, Marine pollution, Monitoring, Risk assessment, Methodology, Recreation, Communications management, Long term planning, Standards, BEACH program.

# EPA PUBLICATIONS BIBLIOGRAPHY

**PB98-153000REB** PC A02/MF A01  
**RED Facts: Terbacil.** Fact sheet.  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 Jan 98, 8p, EPA/738/F-97/011.  
 See also PB98-152903.

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This fact sheet summarizes the information in the RED document for reregistration case 0039, Terbacil. Terbacil is a selective herbicide used to control broadleaf weeds on terrestrial food/feed crops, and terrestrial feed.

**Keywords:** "Pesticides, Uracils, Herbicides, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Terbacil, "Reregistration, 3-tert-butyl-5-chloro-6-methyluracil, Use patterns, CAS 5902-51-2.

**PB98-153018REB** PC A03/MF A01  
**RED Facts: Thiobencarb.** Fact sheet.  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 Sep 97, 16p, EPA/738/F-97/013.  
 See also PB98-152895.

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This fact sheet summarizes the information in the RED document for reregistration case 2665, Thiobencarb. Thiobencarb is a systemic, pre-emergence herbicide that acts by inhibiting shooting of emerging seedlings.

**Keywords:** "Pesticides, Herbicides, Thiocarbamates, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Thiobencarb, "Reregistration, Use patterns, CAS 28249-77-6.

**PB98-153026REB** PC A04/MF A01  
**Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MtBE).**  
 Environmental Protection Agency, Washington, DC.  
 Office of Water.  
 Dec 97, 48p, EPA/822/F-97/008.  
 See also PB98-126667.

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EPA's Human Health and Criteria Division (HECD) of the Office of Water developed an Advisory document for methyl tertiary-butyl ether (MtBE). This document is a non-regulatory document that analyses the currently available cancer and non-cancer data on this contaminant, as well as studies on its organoleptic (taste and odor) effects.

**Keywords:** "Drinking water, "Health hazards, "Ethers, Toxicity substances, Water pollution effects (Humans), Risk assessment, Biological effects, Exposure, Carcinogens, Ecological concentration, Public health, Potable water, Oxygen organic compounds, Toxicity, Water quality, "MtBE (Methyl Tertiary Butyl Ether), "Methyl tertiary butyl ether, "Health advisories.

**PB98-153034REB** PC A13/MF A03  
**Reregistration Eligibility Decision (RED): Metribuzin.** (Includes RED Facts: Metribuzin Fact Sheet).  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 Feb 98, 258p, EPA/738/R-97/006.  
 For Fact Sheet only, see PB98-125644.  
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This document presents the Agency's decision regarding the reregistration eligibility of the registered uses of metribuzin including the risk to infants and children for any potential dietary, drinking water, dermal, inhalation or other oral exposures, and cumulative effects as stipulated under the FQPA.

**Keywords:** "Pesticides, Herbicides, Triazines, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Metribuzin, "Reregistration, Dimethylethylmethylthiothiazine, Use patterns, CAS 21087-64-9.

**PB98-153042REB** PC A02/MF A01  
**RED Facts: Diphenylamine.** Fact sheet.  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 Apr 98, 8p, EPA/738/F-97/010.  
 See also PB98-153083.

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This fact sheet summarizes the information in the RED document for reregistration case 2210, diphenylamine. Diphenylamine (DPA) is a plant growth regulator used post-harvest to control storage scald in apples.

**Keywords:** "Diphenylamine, "Pesticides, Amines, Plant growth regulators, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Reregistration, n-Phenylbenzenamine, Storage scald, Storage scald, Use patterns, CAS 122-39-4.

**PB98-153059REB** PC A05/MF A01  
**Method 1622: "Cryptosporidium" In Water by Filtration/IMS/FA.** Draft rept.  
 Environmental Protection Agency, Washington, DC.  
 Office of Water.  
 Dec 97, 60p, EPA/821/R-97/023.

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This method is for determination of the identity and concentration of Cryptosporidium (CAS Registry number 137259-50-8) in untreated and treated drinking water and in other waters by filtrations, immunomagnetic separation (IMS), and immunofluorescence assay microscopy (FA). Cryptosporidium may be confirmed using 4'-diamidino-2-phenylindole (DAPI) vital dye staining and differential interference contrast (D.I.C.) microscopy.

**Keywords:** "Cryptosporidium, "Filtration, "Immunomagnetic separation, "Fluoroimmunoassay, "Staining, Microorganisms, Cysts, Pathogens, Parasitic diseases, Waterborne diseases, Membranes, Low concentrations, Qualitative analysis, Water pollution sampling, Water pollution detection, Test methods, Water analysis, Drinking water, Laboratory procedures, Quality control, "EPA Methods 1622, Immunofluorescence, Oocysts, Differential interference contrast microscopy, Detection levels.

**PB98-153067REB** PC A07/MF A02  
**Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water.**  
 Environmental Protection Agency, Washington, DC.  
 Office of Water.  
 Sep 96, 112p, EPA/820/B-96/001.  
 See also PB95-187282.

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The purpose of these updates is to apply the methodology and datasets used in the derivation of the GLI aquatic life criteria to the national aquatic life criteria for these pollutants in fresh water.

**Keywords:** "Water quality data, "Aquatic biology, "Chemical compounds, "Test methods, "Ecological concentration, Aquatic animals, Aquatic insects, Water pollution effects (Animals), Chronic exposure, Acute exposure, Metals, Pesticides, Insecticides, GLI (Great Lakes Initiative).

**PB98-153075REB** PC A04/MF A01  
**Bacterial Water Quality Standards for Recreational Waters (Freshwater and Marine Waters). Status Report.**  
 Environmental Protection Agency, Washington, DC.  
 Standards and Applied Science Div.  
 May 98, 40p, EPA/823/R-98/003.  
 See also PB98-152994.

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On May 23, 1997, EPA Administrator Carol Browner announced the U.S. Environmental Protection Agency's new Beaches Environmental Assessment, Closure, and Health (BEACH) Program. The goal of the BEACH program is to significantly reduce the risk of infection to users of the nation's recreational waters through improvements in recreational water programs, communication, and scientific advances. The purpose of the Status Report is to provide a brief overview of the bacterial water quality standards that have been adopted by states for their marine and fresh recreational waters in the United States. Tables contain updated information on the bacterial water quality standards that have been adopted by states, territories and tribes. The standards are also described in more detail. The summary is organized first by EPA region, and then by state, territory, and tribe within each region.

**Keywords:** "Bacteria, "Water quality standards, "Sea water, "Fresh water, "States (United States), Microorganisms, Water pollution effects, Pathogens, Regional analysis, Environmental health, Public health, Outdoor recreation, Guidelines, BEACH program.

**PB98-153083REB** PC A08/MF A02  
**Reregistration Eligibility Decision (RED): Diphenylamine.** (Includes RED Facts: Diphenylamine Fact Sheet).  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 Apr 98, 148p, EPA/738/R-97/010.  
 See also PB98-153042.

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This document presents the Agency's decision regarding the reregistration eligibility of the registered uses of diphenylamine (DPA). Section I is the introduction. Section II describes diphenylamine, its uses, data requirements and regulatory history. Section III discusses the human health and environmental assessment based on the data available to the Agency. Section IV presents the reregistration decision for diphenylamine. Section V discusses the reregistration requirements for diphenylamine. Finally, Section VI is the Appendices which support this Reregistration Eligibility Decision.

**Keywords:** "Diphenylamine, "Pesticides, Amines, Plant growth regulators, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Reregistration, n-Phenylbenzenamine, Storage scald, Storage scald, Use patterns, CAS 122-39-4.

**PB98-153091REB** PC A02/MF A01  
**Red Facts: Butralin.** Fact sheet.  
 Environmental Protection Agency, Washington, DC.  
 Office of Prevention, Pesticides and Toxic Substances.  
 May 98, 8p, EPA/738/F-98/009.  
 See also PB98-153109.



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This fact sheet summarizes the information in the RED document for registration case 2075, Butralin. Butralin is a dinitroaniline herbicide used as a plant growth regulator on flue-cured and air-cured tobacco.

**Keywords:** "Pesticides, Plant growth regulators, Herbicides, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Butralin, "Reregistration, Dinitroanilines, Use patterns, CAS 33629-47-9.

**PB98-153109REB** PC A09/MF A02  
**Reregistration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).** Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. May 98, 154p, EPA/738/R-98/009.  
For Fact Sheet only, see PB98-153091.  
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The U.S. Environmental Protection Agency (referred to as the "Agency") has completed its reregistration eligibility decision of the pesticide active ingredient 4-(1,1-dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine, also known as butralin.

**Keywords:** "Pesticides, Plant growth regulators, Herbicides, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Butralin, "Reregistration, Dinitroanilines, Use patterns, CAS 33629-47-9.

**PB98-153117REB** PC A02/MF A01  
**RED Facts: "Bacillus thuringiensis".** Fact sheet. Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. Mar 98, 6p, EPA/738/F-98/001.  
See also PB98-153125.  
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This fact sheet summarizes the information in the RED document for reregistration case 0247, *Bacillus thuringiensis*. *Bacillus thuringiensis* is a group of similar bacteria that act as insecticides which are used on growing agricultural crops, harvested crops in storage, ornamentals, bodies of water, and around the home to control various groups of insects, depending on the particular toxins, known as delta-endotoxins, produced by the specific isolate of *Bacillus thuringiensis*.

**Keywords:** "Bacillus thuringiensis, "Pesticides, Bacteria, Microorganisms, Insecticides, Biological pest control, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Reregistration, Use patterns.

**PB98-153125REB** PC A10/MF A02  
**Reregistration Eligibility Decision (RED): "Bacillus thuringiensis". (Includes RED Facts: "Bacillus thuringiensis").** Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. Mar 98, 180p, EPA/738/R-98/004.  
See also PB98-153117.  
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This document presents the Agency's decision regarding the reregistration eligibility of the registered uses of the microbial pesticide, *Bacillus thuringiensis*. Section I is the introduction. Section II describes *Bacillus thuringiensis*, its uses, data requirements and regulatory history.

**Keywords:** "Bacillus thuringiensis, "Pesticides, Bacteria, Microorganisms, Insecticides, Biological pest control, Toxicity, Risk assessment, Humans, Animals, Exposure, Environmental transport, Chemical properties, Environmental impacts, Pollution regulations, Administrative procedures, Requirements, "Reregistration, Use patterns.

**PB98-153133REB** PC A06/MF A01  
**Environmental Protection Agency's White Paper on "Bacillus thuringiensis" Plant-Pesticide Resistance Management.** Environmental Protection Agency, Washington, DC. Office of Pesticides and Toxic Substances. May 98, 92p, EPA/739/S-98/001.  
See also PB98-153117 and PB98-153125.  
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The purpose of this paper is to analyze data generated in the 1996 growing season for current resistance management plans for *Bacillus thuringiensis* plant-pesticides for Bt potato, Bt corn and Bt cotton, identify technical modifications that might improve approaches to resistance management, identify areas of ongoing research, and determine what might be required in the future for successful implementation of long-term (sustainable) resistance management for Bt plant-pesticides in these and other crops.

**Keywords:** "Bacillus thuringiensis, "Potatoes, "Corn, "Maize, "Cotton plants, "Resistance, Plant physiology, Plant breeding, Bacteria, Biological pest control, Integrated pest management.

**PB98-153141REB** PC A17/MF A03  
**National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996.** Environmental Protection Agency, Washington, DC. Office of Water. Feb 98, 360p, EPA/823/R-98/002.  
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During September 11-13, 1996, the U.S. Environmental Protection Agency (EPA) sponsored the National Sediment Bioaccumulation Conference in Bethesda, Maryland. The purpose of this conference was to present the current state of our knowledge of assessment of bioaccumulative sediment contaminants and to discuss how bioaccumulation data are integrated into EPA's decision-making processes.

**Keywords:** "Bottom sediments, "Bioaccumulation, "Water pollution effects, "Meetings, Biological accumulation, Contaminants, Environmental health, Aquatic biology, Aquatic ecosystems, Biological communities, Food chains, Public health, Risk assessment, Sampling, Field tests, Laboratory tests, "Bioenergetics.

**PB98-153158REB** PC A11  
**Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. National Air Pollutant Emission Trends, 1900-1996. Technical report.** Pechan (E.H.) and Associates, Inc., Durham, NC. S. V. Nizich, T. Pierce, A. A. Pope, P. Carlson, and B. Barnhard. Dec 97, 210p, EPA/454/R-97/011.  
Contract EPA-68-D7-0067  
Available in original stock only. See also PB97-155329. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.  
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This document presents the most recent estimates of national emissions of the criteria air pollutants. The emissions of each pollutant are estimated for many different source categories, which collectively account for all anthropogenic emissions. The report presents the total emissions from all 50 States and from each EPA region in the country.

**Keywords:** "United States, "Air pollution monitoring, "Trends, Air pollution sources, Air pollution sampling, Carbon monoxide, Nitrogen oxides, Sulfur dioxide, Lead(Metal), Particulates, Emission factors, Regional analysis, Sectoral analysis, Natural sources, Anthropogenic sources, Toxic substances, Hazardous materials, Study estimates, Greenhouse gases, Mobile pollutant sources, Stationary pollutant sources, Tables(Data), Graphs(Charts).

**PB98-153166REB** PC A22/MF A04  
**Development Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.** Environmental Protection Agency, Washington, DC. Engineering and Analysis Div. Jan 98, 490p, EPA/821/R-97/022.  
See also PB98-152887 and PB98-154040.  
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The proposed regulations for the Landfills industry include effluent limitation guidelines and standards for the control of wastewater pollutants. This document presents the information and rationale supporting these proposed effluent limitations guidelines and standards.

**Keywords:** "Landfills, "Water quality standards, "Water pollution control, "Point sources, "Chemical effluents, Earth fills, Ground disposal, Solid waste disposal, Municipal wastes, Water water treatment, Waste streams, Clean Water Act, Best technology, Operating procedures, Environmental impacts, Economic analysis, Pollution regulations, Requirements, Guidelines, Treatment technology, POTW(Publicly Owned Treatment Works), RCRA(Resource Conservation and Recovery Act), Conditionally exempt small quantity generators, BPT(Best Practicable Control Technology Currently Available), BCT(Best Conventional Pollutant Control Technology), BAT(Best Available Technology Economically Achievable), NSPS(New Source Performance Standards), PSES(Pretreatment Standards for Existing Sources), PSNS(Pretreatment Standards for New Sources).

**PB98-153174REB** PC A02/MF A01  
**Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet.** Environmental Protection Agency, Washington, DC. Office of Water. Mar 98, 8p, EPA/823/F-98/009.  
See also PB98-102932.  
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The 1997 update for the database, includes all available information describing state-, tribal-, and federally issued fish consumption advisories in the United States for the 50 states, the District of Columbia, and for US territories and has been expanded to include the 12 Canadian provinces and territories.

**Keywords:** "Fish, "Wildlife, "Food consumption, "Databases, Bioaccumulation, Trends, Terrestrial ecosystems, Aquatic ecosystems, Water pollution effects, Food chains, Public health, Health hazards, Risk, Mercury(Metal), Polychlorinated biphenyls, Chlordan, Dioxins, DDT, Pesticides, United States, Canada, "Health advisories.

**PB98-153182REB** PC A12/MF A03  
Development Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category. Environmental Protection Agency, Washington, DC. Office of Water. Jan 98, 232p. EPA/821/B-97/011. See also PB98-152879.

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EPA has proposed technology-based limits for the discharge of pollutants into navigable waters of the United States and into publicly-owned treatment works by existing and new facilities that are engaged in combustion of industrial waste from off-site facilities - the Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category.

**Keywords:** "Industrial wastes, "Combustors, "Water quality standards, "Water pollution control, "Points sources, "Chemical effluents, Incinerators, Furnaces, Boilers, Industrial waste treatment, Waste water treatment, Waste streams, Clean Water Act, Best technology, Operating procedures, Environmental impacts, Economic analysis, Pollution regulations, Requirements, Guidelines, Treatment technology, POTW(Publicly Owned Treatment Works), RCRA(Resource Conservation and Recovery Act), Conditionally exempt small quantity generators, BPT(Best Practicable Control Technology Currently Available), BCT(Best Conventional Pollutant Control Technology), BAT(Best Available Technology Economically Achievable), NSPS(New Source Performance Standards), PSES(Pretreatment Standards for Existing Sources), PSNS(Pretreatment Standards for New Sources).

**PB98-153190REB** PC A06/MF A02  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1. Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. Jan 98, 100p. EPA/821/B-97/009. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This environmental assessment quantifies the water quality-related benefits associated with achievement of the proposed BAT (Best Available Technology) and PSES (Pretreatment Standards for Existing Sources) controls for commercial industrial waste combustors (IWCs). Based on site-specific analyses of current conditions and changes in discharges associated with the proposal, the U.S. Environmental Protection Agency (EPA) estimated instream pollutant concentrations for 17 priority and nonconventional pollutants from direct and indirect discharges using stream dilution modeling. The potential impacts and benefits to aquatic life are projected by comparing the modeled instream pollutant concentrations to published EPA aquatic life criteria guidance or to toxic effect levels. Potential adverse human health effects and benefits are projected by: (1) comparing estimated instream concentrations to health-based water quality toxic effect levels or criteria; and (2) estimating the potential reduction of carcinogenic risk and noncarcinogenic hazard (systemic) from consuming contaminated fish or drinking water. Upper-bound individual cancer risks, population risks, and systemic hazards are estimated using modeled instream pollutant concentrations and standards EPA assumptions. Modeled pollutant concentrations in fish and drinking water are used to estimate cancer risk and systemic hazards among the general population, sport anglers and their families, and subsistence anglers and their families.

**Keywords:** "Industrial wastes, "Combustors, "Point sources, "Water pollution control, "Water quality standards, "Environmental impact assessments, "Chemical effluents, "Guidelines, Incinerators, Boilers, Furnaces, Industrial waste treatment, Environmental impacts, Aquatic biology, Public health, Risk assessment, Toxicity, Water pollutants, Discharge(Water), Pretreatment, Statistical analysis, POTW(Publicly

Owned Treatment Works), BAT(Best Available Technology Achievable), PSES(Pretreatment Standards for Existing Sources).

**PB98-153208REB** PC A08/MF A02  
EPA's Contaminated Sediment Management Strategy. Environmental Protection Agency, Washington, DC. Office of Water. Apr 98, 136p. EPA/823/R-98/001. See also PB94-214657.

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Contaminated sediments are a significant source of fish contamination, causing a human health risk, particularly to children and the recreational and subsistence fishers that consume fish. The contaminated sediments are a significant source of fish contamination, causing a human health risk, particularly to children and the recreational and subsistence fishers that consume fish. The contaminated sediment may also adversely effect aquatic life living in and around the sediment.

**Keywords:** "Bottom sediments, "Contamination, "Water pollution control, "Water pollution abatement, US EPA, Environmental policy, Government policies, Water pollution effects, Dredging, Dredged materials, Environmental health, Aquatic ecosystems, Biological communities, Food chains, Watershed, Public health, Monitoring, Pollution prevention, Source reduction.

**PB98-154016REB** PC A08/MF A02  
Environmental Assessment for the Proposed Effluent Guidelines for the Landfills Point Source Category. Volume 1. Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. Jan 98, 126p. See also PB98-152887 and PB98-153166. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This environmental assessment quantifies the water-quality-related benefits associated with achievement of the proposed BAT (Best Available Technology) and PSES (Pretreatment Standards for Existing Sources) controls for hazardous and nonhazardous landfills. Based on site-specific analyses of current conditions and changes in discharges associated with the proposal, the U.S. Environmental Protection Agency (EPA) estimated in-stream pollutant concentrations for 65 priority and nonconventional pollutants from direct and indirect discharges using stream dilution modeling. EPA assessed the potential impacts and benefits to aquatic life by comparing the modeled in-stream pollutant concentrations to published EPA aquatic life criteria guidance or to toxic effect levels. EPA projected potential adverse human health effects and benefits by: (1) comparing estimated in-stream concentrations to health-based water quality toxic effect levels or criteria; and (2) estimating the potential reduction of carcinogenic risk and noncarcinogenic hazard (systemic) from consuming contaminated fish or drinking water. Estimates of upper-bound individual cancer risks, population risks, and systemic hazards result from modeled in-stream pollutant concentrations and standard EPA assumptions. The assessment evaluates modeled pollutant concentrations in fish and drinking water to estimate cancer risk and systemic hazards among the general population, sport anglers and their families, and subsistence anglers and their families.

**Keywords:** "Landfills, "Point sources, "Water pollution control, "Water quality standards, "Environmental impact assessments, "Chemical effluents, "Guidelines, Earth fills, Ground disposal, Municipal wastes, Solid waste disposal, Environmental impacts, Aquatic biology, Public health, Risk assessment, Toxicity, Water pollutants, Discharge(Water), Pretreatment, Statistical analysis, POTW(Publicly Owned Treatment Works), BAT(Best Available Technology Achievable), PSES(Pretreatment Standards for Existing Sources).

**PB98-154024REB** PC A12/MF A03  
Environmental Protection Agency, Washington, DC. Multimedia Risk Assessment Branch. Investigation of Alternative Means for Demonstrating Sewage Sludge Incinerator Compliance with Total Hydrocarbon Emission Standards. Draft rept. Pacific Environmental Services, Inc., Herndon, VA. Feb 97, 236p. EPA/822/R-98/001. Contract EPA-68-D2-0162.

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The purposes of this study were: (1) to determine if there is a relationship between the concentrations of carbon monoxide (CO) and unburned organic matter (THC) in the exit gas from sewage sludge incinerators; (2) To measure the concentration of THC in the exit gas from "well operated" sewage sludge incinerators; (3) To measure the concentrations of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) in the exit gas from sewage sludge incinerators; and (4) To study the relationship between incinerator operating conditions (including final hearth temperature) and exit THC concentrations.

**Keywords:** "Sewage sludge, "Hydrocarbons, "Incinerators, "Air pollution control equipment, "Emissions, Furnaces, Carbon monoxide, Polychlorinated dibenzofurans, Polychlorinated dibenzodioxins, Dioxins, Furans, Air pollution sampling, Stack gases, Scrubbers, Standards compliance, Sludge treatment, Sewage treatment plants, Water treatment plants, Waste water treatment, Emission rates, THC(Total Hydrocarbons).

**PB98-154040REB** PC A06/MF A02  
Economic and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category. Environmental Protection Agency, Washington, DC. Engineering and Analysis Div. Jan 98, 100p. EPA/821/B-97/005. See also PB98-152887, PB98-153166 and PB98-153190.

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This Economic Analysis (EA) Assesses the economic impact of the proposed effluent limitation guidelines and standards for the Landfills Industry Category. This rulemaking proposes limitations of each type, but PSES and PSNS limitations are proposed only for hazardous waste landfills.

**Keywords:** "Landfills, "Point sources, "Economic analysis, "Cost effectiveness, "Water pollution control, "Water quality standards, Earth fills, Ground disposal, Hazardous materials, Municipal wastes, Solid waste disposal, Water pollution sources, Water pollutants, Water pollution economics, Environmental impacts, Economic impact, Social impact, Guidelines, Non-hazardous wastes, POTW(Publicly Owned Treatment Works), BPT(Best Practicable Control Technology Currently Available), BCT(Best Conventional Pollutant Control Technology), BAT(Best Available Technology Economically Achievable), NSPS(New Source Performance Standards), PSES(Pretreatment Standards for Existing Sources), PSNS(Pretreatment Standards for New Sources), Regulatory Flexibility Analysis.

**PB98-155005REB** PC A04/MF A01  
SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee. Environmental Protection Agency, Washington, DC. Science Advisory Board. Jul 98, 50p. EPA/SAB/EEC-98/008. See also PB96-175385.

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At the request of the Office of Research and Development (ORD), the Environmental Engineering Committee (EEC) of the Science Advisory Board (SAB) reviewed the draft Pollution Prevention Research Strategy. In general, implementation of the strategy is likely to produce results that will improve the Agency's capacity in pollution prevention and reduce risks to human health and the environment. The programs and projects highlighted in the draft strategy are reasonable and largely justifiable. The long-term goals developed for the research strategy are consistent with the mission statement. The strategy could be strengthened by documenting the decision process as well as the product of those decisions, including the translation of long-term goals into specific projects.

**Keywords:** \*Strategic planning, \*US EPA, \*Research programs, \*Program administration, Research management, Program management, Mission analysis, Goals, Decision, \*Office of Research and Development, \*Pollution prevention.

**PB98-155047REB** PC A03/MF A01  
Evaluation of an IAQ Source Management Strategy for a Large Building.

Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. M. A. Mason, B. A. Tichenor, L. E. Sparks, M. Black, D. B. Henschel, and R. N. Kulp. 1998, 14p.

Prepared in cooperation with Air Quality Sciences, Atlanta, GA. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

EPA conducted a pilot study to evaluate source management and control strategies used in the design, construction, and commissioning of a new large building. Strategies employed to minimize volatile organic compound (VOC) contamination in the occupied building included selection of low emitting materials, staged construction and installation of materials and furnishings, and a 90-day 100% outdoor air flush prior to occupancy. Air Quality Science (AQS) collected both the source emission rate data generated in product compliance testing and those to characterize building ventilation rates and VOC concentrations before, during, and after the flush out. The source loading and emission rate data, building characteristics, and ventilation data were input into an indoor air model. Predicted VOC concentrations were compared with those observed which remained above predicted for at least 30 days beyond the 90-day flush out. Predominant VOC emissions were characteristic of a carpet tile installed on four of six floors. It is concluded that long term product emissions tests may be necessary to characterize some products and that a strategy is needed to ensure that installed products are representative of products tested for compliance.

**Keywords:** \*Commercial buildings, \*Indoor air quality, \*Air pollution control, \*Air pollution abatement, Office buildings, Indoor air pollution, Design analysis, Construction materials, Building materials, Air pollution sources, Ventilation systems, Air flow, Flow rates, Emissions, Air infiltration, Mathematical models, Volatile organic compounds.

**PB98-155054REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Test Methods for Determining Short and Long Term VOC Emissions from Latex Paint.

Acurex Environmental Corp., Research Triangle Park, NC. K. Krebs, H. C. Lao, R. Fortmann, and B. Tichenor. 1998, 14p, EPA/600/A-98/093.

Contract EPA-68-D4-0005 Presented at EPA/AWMA Conference 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at

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The paper discusses an evaluation of latex paint (interior, water based) as a source of indoor pollution. A major objective of the research is the development of methods for predicting emissions of volatile organic compounds (VOCs) over time. Test specimens of painted gypsumboard are placed in dynamic flow-through test chambers. Samples of the outlet air are collected on Tenax sorbents and thermally desorbed for analysis by gas chromatography/flame ionization detection. These tests produce short- and long-term data for latex paint emissions of Texanol, 2,2-(butoxyethoxy)-ethanol, and glycols. Evaluation of the data shows that most of the Texanol emissions occur within the first few days, and emissions of the glycols occur over several months. This behavior may be described by an evaporative mass transfer process that dominates the short-term emissions, while long-term emissions are limited by diffusion processes within the dry paint-gypsumboard.

**Keywords:** \*Latex, \*Paints, \*Emissions, \*Test methods, \*Air pollution sampling, Test chambers, Environmental tests, Air pollution detection, Sorbents, Gypsum, Glycols, Indoor air pollution, Flame ionization, Gas chromatography, \*Volatile organic compounds, Texanol.

**PB98-155062REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Effervescence Atomization at Low Air/Liquid Ratios.

Purdue Univ., West Lafayette, IN. Thermal Sciences and Propulsion Center. J. Sutherland, M. Panchagnula, P. E. Sojka, M. W. Plesniak, and J. P. Gore. 1998, 14p, EPA/600/A-98/092.

Grant EPA-R-822618 Details in illustrations may not be fully legible in microfiche. Presented at the Environmental Protection Agency/Air and Waste Management Association Conference, Engineering Solutions to Indoor Air Quality Problems, Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper discusses the performance of a new type of consumer product aerosol dispenser that allows the substitution of water for volatile organic compound solvents and air for hydrocarbon propellants. A key result is the production of sprays whose Sauter mean diameters are 70 micrometers and below for air/liquid ratios by mass of < 1%. High speed photographic and three-dimensional focused holographic images clearly demonstrate a difference in the near nozzle when compared to an earlier design. Both designs exhibit a tree-like breakup regime, but a larger number of smaller ligaments are present in the current nozzle. In addition, the unstable ligaments appear to break up at much shorter wavelengths, resulting in smaller drops being formed.

**Keywords:** \*Aerosols, \*Atomizers, \*Material substitution, Consumer products, Sprayers, Nozzles, Propellants, Aerosol generators, Water, Air, Environmental chemical substitutes, Atomizing, Spraying, Design analysis, Surface tensions, Viscosity, Air pollution abatement, Pollution prevention, Effervescence, Air/liquid ratios.

**PB98-155070REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Susceptibility of Fiberglass Duct Liner to Fungal (\*Penicillium chrysogenum) Growth.

Research Triangle Inst., Research Triangle Park, NC. K. K. Foorde, D. W. VanOsdell, and J. C. S. Chang. 1998, 14p, EPA/600/A-98/104. Grant EPA-R-822642 Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.

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The paper discusses the susceptibility of fiberglass duct liner to fungal (\*Penicillium chrysogenum) growth. Three fiberglass duct liners, one of which contained a bound biocide. Were tested using a recently developed method for evaluating fungal resistance. Each sample was inoculated with *P. chrysogenum* and incubated in a static chamber controlled at 97% relative humidity (RH) and 21 °C for 6 weeks. Culturable spores on each sample were enumerated before and after incubation to determine the extent of fungal growth. The results indicated that newly purchased fiberglass duct liner samples, as received from local vendors, have different fungal resistances. No amplification of the *P. chrysogenum* was detected on two of the three liners tested; however, significant fungal growth was detected on the third. Wetting the samples with sterile water enhanced the susceptibility of two of the liners to fungal growth, but not the third. However, soiling the samples with dust collected from residential heating and air-conditioning systems significantly enhanced the susceptibility of all three liners to fungal growth. Even the fiberglass duct liner containing biocide supported fungal growth after soiling.

**Keywords:** \*Fiberglass reinforced plastics, \*Fungi, \*Penicillium chrysogenum, \*Space HVAC systems, \*Indoor air pollution, Ducts, Liners, Ventilation systems, Heating equipment, Air conditioning equipment, Air pollution sampling, Test chambers, Spores, Biocides, Fungal resistance.

**PB98-155088REB** PC A03/MF A01  
Ground Water Remediation of Chromium Using Zero-Valent Iron in a Permeable Reactive Barrier.

National Risk Management Research Lab., Ada, OK. R. W. Puls, R. M. Powell, C. J. Paul, and D. Blowes. 1998, 16p, EPA/600/A-98/108. Pub. in Book Chapter: American Chemical Society, San Francisco, CA., April 13-17, 1997. Presented at 'Field Testing of Innovative Subsurface Remediation Technologies' Symposium. Prepared in cooperation with Powell and Associates Science Services, Las Vegas, NV, and Waterloo Univ. (Ontario). Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

A series of laboratory experiments were performed to elucidate the chromium transformation and precipitation reactions caused by the corrosion of zero-valent iron in water-based systems. Reaction rates were determined for chromate reduction in the presence of different types of iron and in systems with iron mixed with aquifer materials. Various geochemical parameters were measured to confirm the proposed reactions. Laboratory experiments were scaled up to pilot and full-scale field demonstrations. Intensive geochemical sampling in the field tests corroborate laboratory results and successfully demonstrate the effectiveness of this innovative in situ approach to remediate chromate-contaminated ground water using a permeable reactive barrier composed of zero-valent iron.

**Keywords:** \*Ground water, \*Permeability, \*Barriers, \*Chemical reactivity, \*Chromium, \*Water pollution control, Water treatment, Corrosion tests, Laboratory tests, Performance evaluation, Reaction kinetics, Heavy metals, Aquifers, Geochemistry, Remediation, \*Zero-valent iron.

**PB98-155096REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Characterization of Aerosol Consumer Products.

Georgia Inst. of Tech., Atlanta. C. W. Bayer, and R. F. Browner. May 95, 14p, EPA/600/A-98/107. Grant EPA-R-822007 Presented at the Environmental Protection Agency/Air and Waste Management Association Conference, Engineering Solutions to Indoor Air Quality Problems, Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.

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The paper discusses the development of a mass spectral interface that will allow for the characterization of both the particulate and gaseous phases of an aerosol consumer product by interfacing an electron mobility analyzer with an atmospheric triple quadrupole mass spectrometer. The ultimate goal is to apply this technology to the development of lower-emitting aerosol consumer products—furthering the quest for maximum pollution prevention. The paper presents the progress of the interface under development and the data collected to date.

**Keywords:** \*Consumer products, \*Aerosols, \*Mass spectra, \*Spraying, Particles, Gases, Particulates, Atomizing, Characterization, Volatility, Spectral analysis, Mass spectrometers, Electron mobility, Air pollution abatement, Pollution prevention.

**PB98-155104REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Characterization of the Usefulness of the Field and Laboratory Emission Cell (FLEC) for the Evaluation of Emissions from Engineered Wood Products.

Acurex Environmental Corp., Research Triangle Park, NC. N. F. Roache, and E. M. Howard. 1998, 14p, EPA/600/A-98/108.

Contract EPA-68-D4-0005  
Presented at EPA/AWMA Conference 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper characterizes the usefulness of the Field and Laboratory Emission Cell (FLEC), a small portable microchamber used to evaluate emissions from planar surfaces. The FLEC is a stainless steel disk with a lathed cavity that is sealed onto the surface to be tested, making the source an integral part of the microchamber. Primary goals of this project were to collect information to specify test parameters for future laboratory testing and to identify the needs of this method for the field use of the FLEC on engineered wood products. Secondary goals were to identify compounds emitted and determined emission rates from several engineered wood cabinet components. Tests were conducted to evaluate the performance of the FLEC as a tool for determining emissions from engineered wood products under field conditions. The paper presents initial test results for two commercially available kitchen cabinets, constructed from different types of engineered wood with various laminates and coatings. Classes of compounds that were identified as emissions include alcohols, aldehydes, aromatics, carboxylic acids, and ketones.

**Keywords:** \*Wood products, \*Laminates, \*Test chambers, \*Emissions, \*Air pollution sampling, Coatings, Formaldehyde, Alcohols, Aldehydes, Aromatics, Ketones, Carboxylic acids, Portable equipment, Utilization, Characterization, Indoor air pollution, Field and Laboratory Emission Cell.

**PB98-155112REB** PC A03/MF A01  
Increases in Levels of Breathable Fine Particulates Due to the Application of Carpet Fresheners in a Suburban Home.

Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab. R. S. Steiber. 1998, 26p, EPA/600/A-98/100.

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper gives results of a study in which two carpet fresheners were applied to the carpet of a suburban home. Data are presented on increases in background concentrations of breathable fine particulates 1.0 micrometer in diameter and smaller, both before and after vacuuming. Information on particulate buildup due to periodic reapplications is also presented, and the build-up patterns are tracked over a period of months. The data show that there is a measurable increase in breathable fines after each application, but that the increase is transitory, lasting from 24 to 48 hours.

**Keywords:** \*Residential buildings, \*Carpets, \*Fines, \*Particulates, Indoor air pollution, Ecological concentration, Particle size, Vacuum systems, Air pollution control, Airborne particles, Deodorizers.

**PB98-155120REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Microbiological Screening of the Indoor Air Quality in a Large Building.

Research Triangle Inst., Research Triangle Park, NC. D. W. VanOsdell, K. K. Foarde, K. E. Leese, and R. N. Kulp. 1998, 14p, EPA/600/A-98/099.

Grant EPA-R-822870  
See also PB95-243085. Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper gives results from a microbiological screening study of noncomplaint five-story office building in Florida, conducted to generate baseline data that could be used as part of a study of the impact of ventilation system design and operation on microbiological contamination. The study was part of a research program into the impact of increased outdoor air rates. The field study was conducted over a 2-day period in the spring of 1994. Microbiological sampling included bioaerosol, bulk material, heating, ventilation, and air-conditioning condensate, and floor dust measurements. The overall impression of the building was that of a clean well-maintained structure. Although most of the sampling results were consistent with those of a non-problem building, the analyses demonstrated possibly elevated with those of non-problem building, the analyses demonstrated possibly elevated level of Penicillium at two sites within the building.

**Keywords:** \*Microorganisms, \*Air pollution sampling, \*Indoor air quality, \*Office buildings, Commercial buildings, Ventilation systems, Heating equipment, Air conditioning equipment, Space HVAC systems, Design analysis, Aerosols, Penicillium, Bulk materials, Dust, Indoor air pollution, Bioaerosols.

**PB98-155138REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. VOC Removal at Low Contaminant Concentrations Using Granular Activated Carbon.

Research Triangle Inst., Research Triangle Park, NC. D. W. VanOsdell, M. K. Owen, L. B. Jaffe, and L. E. Sparks. 1998, 14p, EPA/600/A-98/098.

Grant EPA-R-817083-01  
Presented at EPA/AWMA Conference 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper reports results of research involving tests of small-scale beds of granular activated carbon (GAC), using challenges of volatile organic compounds (VOCs) in air at concentrations ranging from approximately 0.5 to 100 ppm. The research linked the performance of GAC from high-concentration quickly completed tests to performance at low concentrations near those encountered indoors. For all tests, the carbon

bed was approximately 2.54 cm thick and operated with a residence time of 0.11 s. The tests were conducted at 25 C and 50% relative humidity. The measured 10% breakthrough times range from about 0.5 to several hundred hours. For the individual compounds, the relationship between the logarithms of breakthrough time and concentration was approximately linear over the experimental range, with different compounds producing lines having different slopes. The measured breakthrough times compared favorably to published data and models. The results suggest that higher-concentration single-component breakthrough tests, which are short and easily obtained, may be cautiously extrapolated to indoor concentrations for these compounds.

**Keywords:** \*Air pollution control, \*Removal, \*Indoor air pollution, \*Low concentrations, Activated carbon treatment, Granular bed filters, Air cleaners, Ecological concentration, Ventilation systems, Space HVAC systems, \*Volatile organic compounds, \*Granular activated carbon.

**PB98-155146REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Comparison of Design Specifications for Three Large Environmental Chambers.

National Research Council of Canada, Ottawa (Ontario).

E. M. Howard, M. A. Mason, J. Zhang, and S. Brown.

1998, 12p, EPA/600/A-98/097.

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Prepared in cooperation with Commonwealth Scientific and Industrial Research Organization, Victoria (Australia). Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper compares design specifications for three large (room-sized) environmental chambers. The chambers, while intended for similar purposes (for use in characterizing sources of indoor air pollution), have been designed and constructed by Australian, Canadian, and U.S. government research organizations to different specifications. The first phase of the interlaboratory comparison study consists of a comparison of the design specifications and construction of the three systems. The three systems show many characteristics in common. Each has a sealed room-sized polished stainless steel chamber, with an air supply that is filtered, dehumidified, passed through activated carbon to remove volatile organic compounds, and conditioned to an appropriate temperature and relative humidity. There is built-in capability to sample for indoor air emissions, and sense temperature and relative humidity. Construction materials and components were selected for their ease of disassembly and re-assembly for cleaning.

**Keywords:** \*Test chambers, \*Environmental tests, \*Design criteria, \*Specifications, \*Air pollution sampling, Emissions, Indoor air pollution, Temperature control, Relative humidity, Interlaboratory comparisons, Construction, Indoor air quality, Volatile organic compounds.

**Keywords:** \*Test chambers, \*Environmental tests, \*Design criteria, \*Specifications, \*Air pollution sampling, Emissions, Indoor air pollution, Temperature control, Relative humidity, Interlaboratory comparisons, Construction, Indoor air quality, Volatile organic compounds.

**PB98-155153REB** PC A03/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Aerosol Filtration Efficiency of In-Duct Air Cleaners.

Research Triangle Inst., Research Triangle Park, NC. J. T. Hanley, D. S. Ensor, and L. E. Sparks. 1998, 14p, EPA/600/A-98/095.

Grant EPA-R-817083-01

Presented at EPA/AWMA Conference, 'Engineering Solutions to Indoor Air Quality Problems', Research Triangle Park, NC., July 24-26, 1995. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The paper reports results of research involving tests of small-scale beds of granular activated carbon (GAC), using challenges of volatile organic compounds (VOCs) in air at concentrations ranging from approximately 0.5 to 100 ppm. The research linked the performance of GAC from high-concentration quickly completed tests to performance at low concentrations near those encountered indoors. For all tests, the carbon



The paper discusses the evaluation of the fractional efficiency of several common ventilation air cleaners. The air cleaners included fiberglass furnace filters, paper-media filters, and electrostatically charged fiber cleaners. Results showed that filtration efficiency is highly particle size dependent over a 0.01-10 micrometer size range. Filtration efficiency was also seen to be dependent upon flow rate and the dust load condition of the air cleaner.

**Keywords:** \*Air cleaners, \*Aerosols, \*Filtration, \*Efficiency, Filter, Membranes, Air pollution control, Fiberglass reinforced plastics, Ducts, Space HVAC systems, Ventilation systems, Electrostatic charge, Paper, Dust, Particle size, Flow rates, Indoor air pollution.

**PB98-155179REB** PC A24/MF A04  
Environmental Protection Agency, Las Vegas, NV. National Exposure Research Lab.  
**Descriptive Statistics Tables from a Detailed Analysis of the National Human Activity Pattern Survey (NHAPS) Data.**

Lockheed Martin Environmental Systems and Technologies, Las Vegas, NV.  
A. M. Tsang, and N. E. Klepeis. Jul 96, 534p, EPA/600/R-96/148.

Contract EPA-68-01-7325

Sponsored by Environmental Protection Agency, Las Vegas, NV. National Exposure Research Lab.  
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Detailed results tables are presented from an unweighted statistical analysis of selected portions of the 1992-94 National Human Activity Pattern Survey (NHAPS) data base. This survey collected data on the potential exposure of Americans to important household pollutants. Randomly selected individuals (9,386) supplied minute-by-minute diaries spanning a 24-hour day as well as follow-up questions on specific exposure types. Selected 24-hour diary locations and activities, selected regroupings of the 24-hour diary locations, activities, and smoker-present categories, and most of the follow-up question variables in the NHAPS data base were statistically analyzed across 12 subgroups (gender, age, Hispanic, education, employment, census region, day-of-week, season, asthma, angina and bronchitis/emphysema). Overall statistics were also generated for the 9,386 total respondents. Tables show descriptive statistics (including frequency distributions) of time spent and frequency of occurrence in each of 39 locations and for 22 activities (that were experienced by more than 50 respondents), along with equivalent tables for 10 regrouped locations (Residence-Indoors, Residence-Outdoors, Inside Vehicle, Near Vehicle, Other Outdoor, Office/Factory, Mall/Store, Public Building, Bar/Restaurant, Other Indoor), seven regrouped activities (No Exposure, Food Preparation, Laundry/Dishes, Housekeeping, Bathing/Washing, Yardwork/Maintenance, Sports/Exercise, Eating/Drinking), and Smoker Present. Tables of frequency distributions of time spent in exposure activities, or the frequency of occurrence of exposure activities, as determined from the follow up questions that were analyzed are also presented. Detailed indices provide page numbers for each table. An Appendix contains a condensed listing of the questionnaires (Versions A and B for adults, child-direct and child-proxy interview types), including the question number, the NHAPS data base variable name, and the verbatim question text.

**Keywords:** \*Environmental exposure, \*Indoor air pollution, \*Human activities, \*Statistical data, \*Surveys, Air pollution monitoring, Public health, Health hazards, Risk assessment, Factor analysis, Statistical analysis, Tables(Data), \*NHAPS(National Human Activity Pattern Survey), \*National Human Activity Pattern Survey.

**PB98-155211REB** PC A04/MF A01  
**Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.**  
Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment.  
G. L. Fourman. Jun 97, 40p, NCEA-S-0032, EPA/635/R-98/001.

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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Cumene, CAS No. 98-82-8.

**Keywords:** \*Cumene, \*Toxicity, \*Environmental exposure, \*Health hazards, \*Dose-response relationships, \*Risk assessment, Alkylated aromatics, Toxicity, Inhalation, Oral dosage, Chronic exposure, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, Isopropyl benzene, 1-(methylene)-benzene, 2-phenylpropane, CAS 98-82-8, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-155229REB** PC A06/MF A01  
**Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).**

Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment.  
R. E. McGaughy. Dec 97, 80p, NCEA-S-0327, EPA/635/R-98/003.

See also PB90-168709 and PB95-100111.

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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Chlordane (Technical)(CAS No. 12789-03-6).

**Keywords:** \*Chlordane, \*Toxicity, \*Environmental exposure, \*Health hazards, \*Dose-response relationships, \*Risk assessment, Insecticides, Toxicology, Inhalation, Oral dosage, Reproduction(Biology), Chronic exposure, Carcinogen, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, CAS 56-35-9, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-155237REB** PC A05/MF A01  
**Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).**  
Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment.

R. Benson. Jul 97, 56p, NCEA-S-0170, EPA/635/R-98/002.

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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Tributyltin Oxide (CAS No. 56-35-9).

**Keywords:** \*Tributyltin, \*Oxides, \*Toxicity, \*Environmental exposure, \*Health hazards, \*Dose-response relationships, \*Risk assessment, Organotins, Wood preservatives, Biocides, Toxicology, Inhalation, Oral dosage, Immune system, Neurotoxins, Chronic exposure, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, CAS 56-35-9, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-155245REB** PC A06/MF A01  
**Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).**  
Environmental Protection Agency, Washington, DC. National Center for Environmental Assessment.  
J. S. Giff. Jan 98, 86p, NCEA-S-0413, EPA/635/R-98/004.

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The Integrated Risk Information System (IRIS) is a database of U.S. Environmental Protection Agency consensus positions on the health effects that may result from chronic exposure to various chemicals found in the environment. The purpose of this Toxicological Review is to provide scientific support and rationale for the hazard identification and dose-response information in IRIS pertinent to Methyl Methacrylate (CAS No. 80-62-6).

**Keywords:** \*Methyl methacrylate, \*Toxicity, \*Environmental exposure, \*Health hazards, \*Dose-response relationships, \*Risk assessment, Toxicology, Inhalation, Oral dosage, Chronic exposure, Metabolism, Excretion, Carcinogens, Bioassay, Dose rates, Factor analysis, Epidemiology, Chemical properties, Physical properties, CAS 56-35-9, IRIS(Integrated Risk Information System), Toxicokinetics.

**PB98-155666REB** PC A10/MF A02  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.

**Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 2. Appendices B to G.**

Battelle, Columbus, OH.  
Jun 98, 190p, EPA/747/R-97/006.

See also Volume 1, Appendix A, PB98-155674. Sponsored by Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.  
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- Appendix A-Glossary;
- Appendix B-Health Effects Associated with Exposure to Lead and Internal Lead Doses in Humans;
- Appendix C1-Characterizing Baseline Environmental-Lead Levels in the Nation's Housing Stock;
- Appendix C-2 Method for Computing Confidence Intervals Associated with Estimates in the Exposure Assessment and Risk Characterization;
- Appendix D1-Assumptions and Scientific Evidence to Account for the Effect of Pica for Paint;
- Appendix D2-Results of Three Published Meta-Analyses on the Relationship Between IQ Point Loss and Childhood Blood-Lead Levels;
- Appendix E1-Methodology for Estimating Health Effects From Blood-Lead Distribution;
- Appendix E2-Generating Distribution of Blood-Lead Concentrations Based on Model-Predicted Geometric Mean and Geometric Standard Deviation;
- Appendix F1-Methodology for Estimating Post-Intervention Distribution of Children's Blood-Lead Concentrations Resulting from Proposed Section 402 Rules;
- Appendix F2-Estimation of Primary Prevention Efficacy Using Model of Bone-Lead Mobilization;
- and Appendix G-Health Effects Associated with Exposure to Lead and Internal Lead Doses in Humans.

**Keywords:** \*Risk analysis, \*Lead(Metal), \*Paints, \*Dust, \*Soil contamination, \*Health hazards, \*Standards, Lead poisoning, Public health, Children, Risk assessment, Toxicity, Biological availability, Bioaccumulation, Environmental exposure pathway, Dose-response relationships, Health effects, Ecological concentration, Blood chemical analysis, Residential buildings, Mathematical models, Toxic Substances Control Act, Residential Lead-Based Paint Hazard Re-

duction Act of 1992, IEUBK(Integrated Exposure Update Biokinetic).

**PB98-155674REB** PC A17/MF A03  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics. Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 1. Chapters 1 to 7. Appendix A. Battelle, Columbus, OH. Jun 98, 364p, EPA/747/R-97/006. See also Volume 2, Appendices B to G, PB98-155666. Sponsored by Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This report presents the methods and findings of a risk analysis, which provides a scientific foundation for the regulatory standards that the Agency will establish in response to section 403. This risk analysis consists of two parts. Part I (Chapters 2 through 5) constitutes the risk assessment, or EPA's assessment of the health risks to young children from exposures to lead-based paint hazards, lead-contaminated dust, and lead-contaminated soil in the nation's housing. Part II (Chapter 6) constitutes an analysis of risk management options, which includes the Agency's approach to estimating how these risks are reduced following promulgation of the section 403 rule and illustrates use of this methodology for a broad range of example options for the section 403 standards.

Keywords: "Risk analysis, "Lead(Metal), "Paints, "Dust, "Soil contamination, "Health hazards, "Standards, Lead poisoning, Public health, Children, Risk assessment, Toxicity, Biological availability, Bioaccumulation, Environmental exposure pathway, Dose-response relationships, Health effects, Ecological concentration, Blood chemical analysis, Residential buildings, Mathematical models, Toxic Substances Control Act, Residential Lead-Based Paint Hazard Reduction Act of 1992, IEUBK(Integrated Exposure Update Biokinetic).

**PB98-156516REB** PC A15/MF A03  
Electric Power Research Inst., Palo Alto, CA. Consequence Analysis for ISC-PRIME. Final rept. ENSR Corp., Acton, MA. R. J. Paine, and F. Lew. cNov 97, 318p. See also PB98-156524. Sponsored by Electric Power Research Inst., Palo Alto, CA. and Environmental Protection Agency, Research Triangle Park, NC. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

Aerodynamic building downwash is a phenomenon caused by eddies created by air movement around building obstacles. Through the use of the Industrial Source Complex (ISCST3) model, EPA modeling guidelines have incorporated these effects in ground-level concentration calculations. In 1992, the Electric Power Research Institute (EPRI) decided to embark upon a program (project PRIME: Plume Rise Model Enhancements) to design a new downwash model to correct the deficiencies in the ISCST3 model. The resulting downwash module, PRIME, has been installed in the ISCST3 model as a replacement for the current algorithm; the resulting model is referred to as "ISC-PRIME". This report describes the design of the model test runs involved and provides a summary of the results with comments on the differences between the two models.

Keywords: "Air pollution dispersion, "Air pollution sources, "Plumes, "Computer models, Diffusion modeling, Atmospheric diffusion, Atmospheric transport, Stack gases, Buildings, Ecological concentration, Flow characteristics, Aerodynamics, Ground level, Point sources, Mixing height, Urban areas, Rural areas, "ISCST3 model, "ISC-PRIME model, ISCST(Industrial Source Complex Short Term), PRIME(Plume Rise Model Enhancements), Downwash.

**PB98-156524REB** PC A99/MF E08  
Electric Power Research Inst., Palo Alto, CA. Results of the Independent Evaluation of ISCST3 and ISC-PRIME. Final rept. ENSR Corp., Acton, MA. R. J. Paine, and F. Lew. cNov 97, 844p. See also PB98-156516. Sponsored by Electric Power Research Inst., Palo Alto, CA. and Environmental Protection Agency, Research Triangle Park, NC. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

Aerodynamic building downwash is an important part of air quality dispersion modeling. The Electric Power Research Institute (EPRI) initiated a development program to address deficiencies in the downwash algorithms in the Industrial Source Complex (ISCST3) air dispersion model. The result of the project is a set of algorithms called PRIME (Plume Rise Model Enhancements) which were added to ISCST3. The new model was called ISC-PRIME. As part of the project, EPRI contracted with ENSR to prepare an independent evaluation of ISC-PRIME using a model evaluation protocol negotiated with the U.S. EPA. This report describes the databases used in the evaluation and the results of the model performance evaluation.

Keywords: "Air pollution dispersion, "Gaussian plume models, "Computer models, "Performance evaluation, Atmospheric diffusion, Diffusion modeling, Atmospheric transport, Stack gases, Plumes, Turbulence, Wakes, Flow characteristics, Wind velocity, Aerodynamics, Air pollution sources, Tracer studies, Algorithms, Data bases, "ISCST3 model, "ISC-PRIME model, ISCST(Industrial Source Complex Short Term), PRIME(Plume Rise Model Enhancements), Downwash.

**PB98-157613REB** PC A05/MF A01  
Guideline for Selecting and Modifying the Ozone Monitoring Season Based on an 8-Hour Ozone Standard. Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Jun 98, 54p, EPA/454/R-98/001. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This document provides guidance for the EPA Regional Offices to select and modify the ozone monitoring seasons designated for each State in the Code of Federal Regulations (40 CFR 58, Appendix D). Modifications to the original ozone monitoring seasons have been made periodically as new data and information became available; each of these changes has been incorporated into existing ambient air monitoring regulations. These seasons are important because they play a significant role in the estimation of annual ozone NAAQS exceedances and provide the basis for calculations in the Aerometric Information Retrieval System (AIRS) summary files. The monitoring seasons may also be tied to certain State emission regulations. With the 1997 revisions to the National Ambient Air Quality Standards (NAAQS) for ozone (i.e., the addition of a maximum 8-hour average ozone concentration of 0.08 ppm), it has become necessary to redefine the ozone monitoring season for purposes demonstrating attainment. The principal motivation is to develop an understanding of the characteristics of the ozone monitoring season based on the new standard. Another motivation for this guideline document is that reductions in required monitoring can result in considerable cost savings.

Keywords: "Ozone, "Air pollution monitoring, "Seasons, "Air pollution standards, Pollution regulations, Selection, Modification, Data collection, Standards, Compliance, States(United States), Cost reduction, Guidelines, National Ambient Air Quality Standards, Attainment.

**PB98-157660REB** PC A11/MF A03  
Assessment of Thyroid Follicular Cell Tumors. Environmental Protection Agency, Washington, DC. Risk Assessment Forum. Mar 98, 220p, EPA/630/R-97/002.

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The Report presents science policy guidance that describes the procedures the Agency will use in the evaluation of potential human cancer hazard and dose-response assessments from chemicals that are animal thyroid carcinogens. The Forum Report describes when, under clearly specified conditions, chemical carcinogenesis in thyroid follicular cells can be analyzed as a nonlinear phenomenon, rather than assuming low dose linearity as EPA customarily does for carcinogenic compounds. Four hypothetical cases are summarized which illustrate how to evaluate toxicological data and make hazard and dose-response estimation choices. The procedures and considerations developed in the Forum Report embody currently scientific knowledge of thyroid carcinogenesis and evolving science policy.

Keywords: "Thyroid neoplasms, "Dose-response relationships, "Risk assessment, "Infants, "Children, Follicular phase, Carcinogens, Hazardous materials, Health hazards, Tumors, Cells(Biology), Toxicology.

**PB98-158264REB** PC A03/MF A01  
Pesticide Registration (PR) Notice 98-5. Notice to Manufacturers, Producers, Formulators and Registrants of Pesticide Products. New Forms for the Certification with Respect to Citation of Data. Environmental Protection Agency, Washington, DC. Office of Pesticide Programs. 12 Jun 98, 16p, EPA/730/N-98/004. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The Office of Pesticide Programs (OPP) of the Environmental Protection Agency (EPA) announces new forms for citation of data to support the registration or reregistration of pesticide products, EPA Forms 8570-34 ("Certification with Respect to Citation of Data") and 8570-35 ("Data Matrix"). Form 8570-34 replaces Forms 8570-29 and 8570-29 and 8570-35 replaces Form 8570-20 and the "Blue Book Sample Matrix Format." The same forms will be used for the registration, reregistration and special review of pesticides.

Keywords: "Pesticides, "Certification, "Forms(Paper), Registration, Data collection, Regulations, Administrative procedures, US EPA, Reregistration, FIFRA(Federal Insecticide Fungicide and Rodenticide Act).

**PB98-158470REB** PC A18/MF A03  
Environmental Protection Agency, Washington, DC. Indian River Lagoon Comprehensive Conservation and Management Plan. Indian River Lagoon National Estuary Program, Melbourne, FL. Nov 96, 380p. See also PB97-198360. Sponsored by Environmental Protection Agency, Washington, DC., Saint Johns River Water Management District, Palatka, FL. and South Florida Water Management District, West Palm Beach. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

With the publication of the Indian River Lagoon Comprehensive Conservation and Management Plan (IRLCCMP), more than 100 agencies and local governments with management responsibilities for the Lagoon have agreed on a united strategy to preserve the fragile balance between man and nature which has lured so many of us to this special and beautiful place. The IRLCCMP contains 68 recommended actions addressing critical problems, such as the preservation of wetlands, seagrass restoration, endangered species protection, water and sediment quality improvement, land acquisition needs, and the means of funding preservation and restoration activities. All of these actions

# EPA PUBLICATIONS BIBLIOGRAPHY

have the express purpose of protecting the integrity, diversity and productivity of the unique resource the authors know as the Indian River Lagoon.

**Keywords:** "Indian River, "Lagoons, "Watershed management, "Resource management, Water quality, Resource conservation, Environmental protection, Species diversity, Planning, Citizen participation, Florida, East Central Coast(Florida), National Estuary Program.

**PB98-158538REB** PC A05/MF A01  
**National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum.**

Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Jan 98, 70p.

See also PB97-172472.

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On September 1, 1995, the U.S. Environmental Protection Agency (EPA) promulgated national emission standards for hazardous air pollutant (HAP) emissions from major sources in the aerospace industry (60 FR 45948). There were 18 comment letters (see Table 1-1) submitted by 19 different commenters, which consisted primarily of trade associations, component suppliers and State and local air pollution control agencies. Summaries of the comments, and the EPA's responses, are presented in this document. This comment summary and the Agency's responses served as the basis for the revisions (amendments) made to the final NESHAP. This report also includes a discussion of the changes made to the draft CTG in finalizing the CTG document.

**Keywords:** "Air pollution standards, "Air pollution control, "Aerospace industry, "Pollution regulations, Surface coating, Painting, Cleaning, Solvents, Air pollution monitoring, Air pollution sources, Waste management, Record keeping, Reporting, Notification procedures, Requirements, Clean Air Acts, Environmental impacts, Economic impact, Standards compliance, Administrative procedures, Comments, Responses, "NESHAP(National Emission Standards for Hazardous Air Pollutants), "National Emission Standards for Hazardous Air Pollutants, Rework facilities, Best Available Technology, New Source Performance Standards, Fugitive emissions, Volatile organic compounds, MACT(Maximum Achievable Control Technology), CTG(Control Technology Guidelines).

**PB98-158553REB** PC A07/MF A02  
**Clean Water Action Plan: Restoring and Protecting America's Waters.**

Environmental Protection Agency, Washington, DC.

1998, 112p.

Prepared in cooperation with Department of Agriculture, Washington, DC.  
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The authors are pleased to submit the enclosed Clean Water Action Plan on behalf of the Department of Agriculture, the Environmental Protection Agency, and the other federal agencies that assisted us in its development. Over the past 25 years, America has made outstanding progress in reducing water pollution and restoring our rivers, lakes and coastal waters. In communities across the country, restoration of water quality has had dramatic environmental, recreational, and economic benefits. Despite this progress, serious water pollution problems persist. States report that about 40 percent of the waters they assessed do not meet water quality goals. About half of the nation's over 2,000 major watersheds have serious or moderate water quality problems. This Clean Water Action Plan provides a blueprint for restoring and protecting the nation's precious water resources. A key element in the Action Plan is a new cooperative approach to watershed protection in which state, tribal, federal, and local governments, and the public first identify the watersheds with the most critical water quality problems

and then work together to focus resources and implement effective strategies to solve those problems. The Action Plan also includes a new initiatives to reduce public health threats, improve the stewardship of natural resources, strengthen polluted runoff controls, and make water quality information more accessible to the public.

**Keywords:** "Water pollution control, "Watershed, "Water reclamation, Water management, Water runoff, Agricultural runoff, Legislation, State government, Natural resource management, Environmental assessment, Drinking water, Federal government, Grants, Water quality, Standards, Local government, Water treatment.

**PB98-158611REB** PC A04/MF A01  
**Illegal Dumping Prevention Guidebook.**

Environmental Protection Agency, Chicago, IL. Region V.

Mar 98, 38p, EPA/905/B-97/001.

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The information presented in this guidebook is based on a study conducted to characterize illegal dumping in urban and rural areas throughout the upper Midwest. The study included tours of neighborhoods and interviews with local government officials, community groups, and industry representatives. In addition, a literature and Internet search was conducted to gather information on successful illegal dumping prevention programs.

**Keywords:** Solid waste disposal, Sites, Guides, Land pollution, "Dumping, "Illegal activities, "Pollution prevention, Midwest Region(United States).

**PB98-158686REB** PC A07/MF A02  
**Profile of the Air Transportation Industry. EPA Office of Compliance Sector Notebook Project.**

Environmental Protection Agency, Washington, DC.

Office of Enforcement and Compliance Assurance.

Feb 98, 106p, EPA/310/R-97/001.

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The air transportation sector can be broken down into two categories: (1) facilities providing scheduled, non-scheduled, and air courier services using aircraft, and (2) airports and airport operations. It is these two major topics (i.e., aircraft facilities and airports) and the activities and operations that occur within each of these areas that are the primary focus of this notebook.

**Keywords:** "Air transportation, "Environmental impacts, "Pollution control, "Pollution abatement, Civil aviation, Commercial aircraft, Transport aircraft, Cargo transportation, Airline operations, Air pollution, Land pollution, Pollution regulations, Environmental protection, Environmental policy, Standards compliance, Law enforcement, Sectoral analysis.

**PB98-158694REB** PC A08/MF A02  
**Community-Based Environmental Protection: A Resource Book for Protecting Ecosystems and Communities.**

Environmental Protection Agency, Washington, DC.

Office of Policy, Planning and Evaluation.

Sep 97, 144p, EPA/230/B-96/003.

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This publication draws on the experiences of many different communities to provide examples of community-based environmental programs and key approaches, information, and other tools that communities are using.

**Keywords:** "Ecosystems, "Environmental protection, "Communities, "Citizen participation, Environmental

health, Pollution control, Pollution abatement, Remediation, Habitat improvement, Environmental policies, Program management.

**PB98-159429REB** PC A09/MF A02  
**Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.**

**Conversion Equations for Use in Section 403 Rulemaking. Final rept.**

Battelle Memorial Inst., Columbus, OH.

J. Kinader, A. Katz-Stein, and S. Collins. Dec 97,

156p, EPA/747/R-96/012.

Contract EPA-68-D5-0008

See also PB97-135578. Sponsored by Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.

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This report presents equations used to carry out various conversions between wipe lead loadings and vacuum lead loadings and vacuum concentrations, based on two different vacuum samplers, the Blue Nozzle (used in the HUD National Survey) and the BRM (used in the Baltimore Repair and Maintenance study). These equations were developed for use in the determination of health-based standards of environmental lead in residential settings as required by Section 403 of Title IV TSCA. Various equations were derived to facilitate the development of a proposed set of options for the Section 403 standards, to enable a risk analysis of these options to be conducted, and to provide a means of predicting the post-Section 403 blood-lead levels nationally.

**Keywords:** "Lead(Metal), "Dust, "Equations, "Conversion, "Statistical analysis, Residues, Windows, Floors, Vacuum cleaners, Collecting methods, Data quality, Environmental transport, Measurement, Sampling, Error analysis, Regression analysis, Adjustments, "Section 403, Wiping, BN(Blue Nozzle), BRM(Baltimore Repair and Maintenance).

**PB98-159767REB** PC A05/MF A01  
**Environmental Protection Agency, Denver, CO. Region VIII.**

**Veterans Affairs Medical Center Pollution Prevention Assessment. Final rept.**

Tetra Tech EM Inc., Denver, CO.

M. May, M. Keefe, and C. Bowman. Jun 98, 70p, EPA/

908/R-98/001.

Contract EPA-68-W4-0004

Sponsored by Environmental Protection Agency, Denver, CO. Region VIII.

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The report presents the results of a pollution prevention (P2) assessment of the Denver Veterans Affairs Medical Center (VAMC). The facility consists of patients wards; surgical facilities; clinical, radiology, histology, and research laboratories; pharmacy; morgue; nursing home; office space, maintenance facilities; and a food court and kitchen. The audit report concluded that the greatest savings in water costs could be realized by reducing domestic and once-through cooling water use. The report suggested installing flow restrictors on flush-valve toilets, replacing tank toilets with low-volume toilets, installing aerators on sink faucets, and eliminating all once-through cooling units through use of close-loop systems and equipment retrofit or retirement.

**Keywords:** "Medical centers, "Waste management, Hospitals, Laboratories, Medical wastes, Material substitution, Materials replacement, Pollution abatement, Waste recycling, Solid wastes, Hazardous materials, Waste water disposal, Water utilization, Feasibility studies, "Pollution prevention, Veterans Affairs Medical Center, Denver(Colorado), Infectious wastes.

**PB98-159882REB** PC A99/MF A06  
**Environmental Protection Agency, Research Triangle Park, NC. Emission Factor and Inventory Group.**

**Locating and Estimating Air Emissions from Sources of Polycyclic Organic Matter.** Final rept. Eastern Research Group, Morrisville, NC. Jul 98, 686p, EPA/454/R-98/014. Contract EPA-68-D7-0068

See also PB88-149059. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Emission Factor and Inventory Group.

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This document presents information on (1) the types of sources that may emit polycyclic organic matter, (2) process variations and release points that may be emitted within these sources, and (3) available emissions information indicating the potential for polycyclic organic matter releases into the air from each operation. Its intended audience includes Federal, State and local air pollution personnel and others interested in locating potential emitters of polycyclic organic matter and in making estimates of air emissions therefrom.

**Keywords:** "Organic matter, "Polycyclic aromatic hydrocarbons, "Air pollution sources, "Emissions, "Position(Location), "Estimating, Point sources, Stationary pollutant sources, Mobile pollutant sources, Sectoral analysis, Emission factors, Incinerators, Combustion products, Petroleum refineries, Industry, Engines, Naphthalene, Metals industry, Paper industry, Manufacturing, Emission inventories, Hazardous air pollutants, Fugitive emissions.

**PB98-159908REB** PC A99/MF A06  
**National Air Pollutant Emission Trends Procedures Document, 1900-1998; Projections 1999-2010.** Technical rept.

Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. S. V. Nizich. 1 Jun 98, 720p, EPA/454/R-98/008.

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Data from this report has also been used for the Biennial Assessment report, the Air Quality Trends report, the Industrial SO<sub>2</sub> Report to Congress, and the 1994 Report to Congress. The emission estimates developed and included in the Emission Trends data base have been utilized to support development of the National Particulates Inventory, in support of recent evaluations of the particulate matter and ozone NAAQS, in support of the FACA process, and in support of the CAA Section 812 retrospective analysis. The procedures document provides information on the methods and data used in the beforementioned report. Methods for calculating 1900-1996 and project estimates for 1999-2010 are also included.

**Keywords:** "United States, "Air pollution monitoring, "Trends analysis, Air pollution sources, Mobile pollutant sources, Stationary pollutant sources, Air pollution sampling, Carbon monoxide, Nitrogen oxides, Sulfur dioxide, Lead(Metal), Particulates, Combustion products, Emission factors, Regional analysis, Canada, Sectoral analysis, Natural sources, Anthropogenic sources, Clean Air Act, Study estimates, Greenhouse gases, Tables(Data), Graphs(Charts), "Emission inventories, Volatile organic compounds, Biogenics, NAAQS(National Ambient Air Quality Standards), FACA(Federal Advisory Committee Act).

**PB98-159916REB** PC A99/MF A06  
**Locating and Estimating Air Emissions from Sources of Benzene.**

Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Jun 98, 586p, EPA/454/R-98/011.

See also PB88-196175.

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This document presents information on (1) the types of sources that may emit benzene; (2) process variations

and release points for these sources; and (3) available emissions information indicating the potential for benzene releases into the air from each operation. Its intended audience includes, federal, state and local air pollution personnel and others interested in locating potential emitters of benzene and in making gross estimates of air emissions therefrom.

**Keywords:** "Benzene, "Air pollution sources, "Emission, "Position(Location), "Estimating, Point sources, Stationary pollutant sources, Mobile pollutant sources, Sectoral analysis, Emission factors, Industry, Manufacturing, Wellheads, Incinerators, Combustion products, Construction materials, Waste treatment, Waste disposal, Gasoline, Emission inventories, Hazardous air pollutants, Fugitive emissions, CAS 71-43-2.

**PB98-159924REB** PC A03/MF A01  
**Zeolite: A Versatile Air Pollutant Adsorber.** Technical bulletin (Final).

Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Jul 98, 30p, EPA/456/F-98/004.

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The purposes of this paper are to make you familiar with zeolite, what it can contribute to control of air pollution — particularly control of Volatile Organic Compounds (VOC) — and what to expect in the future.

**Keywords:** "Zeolites, "Adsorbents, "Air pollution control, Adsorption, Porosity, Catalysts, Ion exchange materials, Synthesis(Chemistry), Volatile organic compounds.

**PB98-161185REB** PC A06/MF A01  
**Environmental Protection Agency, Washington, DC.**

**Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies.** First Edition.

Federal Remediation Technologies Roundtable.

Aug 98, 80p, EPA/542/B-98/006.

Contract EPA-68-W6-0014

See also PB98-108590 and PB97-132542. Sponsored by Environmental Protection Agency, Washington, DC.

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**Keywords:** "Federal programs, "Remediation, "Information resources, Pollution control, Hazardous materials, Physical treatment, Chemical treatment, Biological treatment, Heat treatment, Research and development, Technical assistance, US DOD, US DOE, US EPA, Site characterization, Technology innovation, Information systems, Data bases, "Innovative treatment technologies, Cleanup, Electronic resources.

**PB98-161193REB** PC A08/MF A02  
**Environmental Protection Agency, Washington, DC.**

**Technology Innovation Office.**  
**NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.**

NATO Committee on the Challenges of Modern Society, Brussels (Belgium).

May 98, 148p, NATO-228, EPA/542/R-98/002.

Contract EPA-68-W6-0014

See also PB95-227849. Prepared in cooperation with Environmental Management Support, Inc., Silver

Spring, MD. Sponsored by Environmental Protection Agency, Washington, DC. Technology Innovation Office.

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This document provides a report from the first meeting of the Phase III Pilot Study and is designed to share information among countries on innovative treatment technologies. The Phase III study focuses on the technical approaches for addressing the treatment of contaminated land and groundwater. This Phase will address issues of sustainability, environmental merit, and cost-effectiveness, in addition to continued emphasis on emerging remediation technologies. The objectives of the study are to critically evaluate technologies, promote the appropriate use of technologies, use information technology systems to disseminate the products, and to foster innovative thinking in the area of contaminated land.

**Keywords:** "Land pollution control, "Water pollution control, "Remediation, Soil treatment, Waste treatment, Water treatment, Sludge treatment, Physical treatment, Chemical treatment, Biological treatment, Biodegradation, Heat treatment, Organic compounds, Inorganic compounds, Hydrocarbons, Solvents, Bacteria, Dechlorination, Solidification, Stabilization, Soil contamination, Case studies, "Innovative treatment technologies, Cleanup, Thermal treatment, Bioremediation.

**PB98-161201REB** PC A21/MF A04  
**Development Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.**

Environmental Protection Agency, Washington, DC. Office of Water.

May 98, 488p, EPA/821/B-98/011.

See also PB98-161219.

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and Glossary.

**Keywords:** "Cleaning, "Maintenance, "Water pollution control, "Water pollution standards, Trucks, Railroads, Barges, Chemical effluents, Waste streams, Waste water treatment, Waste water disposal, Water utilization, Discharge(Water), Water pollution sources, Clean Water Act, Pollution regulations, Environmental impacts, Economic impact, Cost analysis, Requirements, Best technology, Pollution prevention, New Source Performance Sources, BPT(Best Practicable Control Technology Currently Available), BAT(Best Available Technology Economically Achievable), PSES(Pretreatment Standards for Existing Sources), PSNS(Pretreatment Standards for New Sources), BCT(Best Conventional Pollution Control Technology).

**PB98-161219REB** PC A22/MF A04  
**Environmental Protection Agency, Washington, DC.**

**Office of Water.**  
**Economic Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.**

Eastern Research Group, Inc., Lexington, MA.

May 98, 488p, EPA/821/B-98/012.



See also PB98-161201 and PB98-161227. Sponsored by Environmental Protection Agency, Washington, DC. Office of Water. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This Economic Analysis (EA) report evaluates the economic impacts resulting from effluent limitations guidelines and standards proposed by the U.S. Environmental Protection Agency (EPA) for the transportation equipment cleaning (TEC) point source category. The proposed regulation includes limits for Best Practicable Control Technology (BPT), Best Conventional Pollutant Control Technology (BCT), Best Available Technology Economically Achievable (BAT), New Source Performance Standards (NSPS), and Pretreatment Standards for Existing and New Sources (PSES and PSNS). The EA estimates the impacts to the TEC industry of the proposed regulation in terms of effects on market equilibrium price and the number of tank cleanings performed, facility closures and associated losses in employment, and financial distress short of closure. In addition, the EA analyzes secondary impacts on associated industries and their employment, potential barriers to new facilities entering the industry that may be caused by the regulation, and impacts on the TEC small business community.

**Keywords:** "Economic analysis, "Water pollution control, "Cleaning, "Maintenance, Railroads, Barges, Trucks, Water pollution sources, Chemical effluents, Water pollution standards, Standards compliance, Water pollution economics, Economic impact, Pretreatment, Alternatives, Clean Water Act, Costs, Finance, Employment, Small business, Market analysis, Best technology, Regulatory impact analysis.

**PB98-161227REB** PC A08/MF A02  
Environmental Protection Agency, Washington, DC. Engineering and Analysis Div. **Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.** Eastern Research Group, Inc., Lexington, MA. May 98, 140p, EPA/821/B-98/013. See also PB98-161219 and PB98-161235. Sponsored by Environmental Protection Agency, Washington, DC. Engineering and Analysis Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This cost-effectiveness analysis presents an evaluation of the technical efficiency of pollutant control options for the proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Industry based on Best Available Technology Economically Achievable (BAT) and Pretreatment Standards for Existing Sources (PSES). Section 2 discusses EPA's cost-effectiveness methodology and identifies the pollutants included in the analysis. This section also presents EPA's toxic weighting factors for each pollutant and considers the removal efficiency of each pollutant control option. Section 3 describes the options evaluated for each subcategory. Section 4 presents the results of the cost-effectiveness analysis. In Section 5, cost-effectiveness values for proposed TEC industry options are compared to cost-effectiveness values for other promulgated rules. Section 6 discusses the two-part cost-reasonableness test for BCT options. Appendix A presents data on pollutants, pollutant removals, and pound equivalents removed. Appendix B presents data on pollutants discharged at baseline. Appendices C and D present data on conventional pollutant removals and discharges, respectively.

**Keywords:** "Cleaning, "Maintenance, "Cost effectiveness, "Water pollution control, Barges, Trucks, Railroads, Water pollution standards, Standards compliance, Water pollution economics, Economic analysis, Cost benefit analysis, Water pollution sources, Chemical effluents, Water pollutants, Clean Water Act, Best Available Technology, TEC(Transportation Equipment Cleaning), BCT(Best Conventional Pollution Control Technology).

**PB98-161235REB** PC A11/MF A03  
Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. **Statistical Support Document of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.** Science Applications International Corp., Reston, VA. Health and Environment Studies and Systems Div. May 98, 208p, EPA/821/B-98/014. Contract EPA-68-C4-0046. See also PB98-161243 and PB98-161227. Sponsored by Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This document describes the statistical analyses of concentration in effluent wastewater from transportation equipment cleaning facilities. These statistical analyses were used in developing the proposed effluent limitations guidelines and standards in the proposed rulemaking for the Transportation Equipment Cleaning Industry (TECI). Details of all statistical analyses conducted and data used in the analyses to support the effluent limitations guidelines and standards for the TECI are provided. This document is organized into six chapters and seven appendices.

**Keywords:** "Water pollution control, "Statistical analysis, "Cleaning, "Maintenance, Railroads, Trucks, Barges, Facilities, Water pollution sources, Water pollution standards, Standards compliance, Waste water disposal, Water pollutants, Waste streams, Chemical effluents, Ecological concentration, Pollution regulations, Clean Water Act, Data collection, Guidelines, Variability factors, Averages.

**PB98-161243REB** PC A09/MF A02  
Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. **Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category. Volume 1. Final Report.** Versar, Inc., Springfield, VA. May 98, 174p, EPA/821/B-98/015. Contract EPA-68-W6-0023. See also PB98-161201, PB98-161219, PB98-161227 and PB98-161237. Sponsored by Environmental Protection Agency, Washington, DC. Standards and Applied Science Div. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This environmental assessment quantifies the water quality-related benefits for Transportation Equipment Cleaning (TEC) facilities based on site-specific analyses of current conditions and the conditions that would be achieved by process changes under proposed BAT (Best Available Technology) and PSES (Pretreatment Standards for Existing Sources) controls. The U.S. Environmental Protection Agency (EPA) estimated instream pollutant concentrations for 157 priority and nonconventional pollutants from three subcategories (barge-chemical and petroleum, rail-chemical, and truck-chemical) of direct and indirect discharges using stream dilution modeling. The potential impacts and benefits to aquatic life are projected by comparing the modeled instream pollutant concentrations to published EPA aquatic life criteria guidance or to toxic effect levels.

**Keywords:** "Environmental impact assessments, "Maintenance, "Cleaning, "Water pollution control, "Chemical effluents, Water pollution sources, Barges, Trucks, Railroads, Water pollution standards, Standards compliance, Water pollution effects, Environmental effects, Discharge(Water), Pretreatment, Clean Water Acts, Best Available Technology, Publicly owned treatment works.

**PB98-163017REB** PC A05/MF A01  
National Strategy for the Development of Regional Nutrient Criteria. Environmental Protection Agency, Washington, DC. Office of Water.

Jun 98, 60p, EPA/822/R-98/002. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This National Strategy describes the approach that EPA will follow in developing nutrient information and working with States and Tribes to adopt nutrient criteria as part of State water quality standards. Some key aspects of the Strategy are described below.

**Keywords:** "Dose-response relationships, "Risk assessment, "Infants, "Children, Surface waters, Nitrogen, Phosphorus, Aquatic ecosystems, Trophic level, Follicular phase, Carcinogens, Hazardous materials, Health hazards, Tumors, Cells(Biology), Toxicology.

**PB98-163025REB** PC A05/MF A01  
Water Quality Criteria and Standards Plan: Priorities for the Future. Interim final rept. Environmental Protection Agency, Washington, DC. Office of Water. Jun 98, 60p, EPA/822/R-98/003. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The report describes seven new criteria and standards program initiatives that EPA will take over the next decade. The Plan presents a "vision" and strategy for meeting these important new initiatives and improvements. The Plan will guide EPA and the States and Tribes in the development and implementation of criteria and standards and will provide a basis for enhancements to the Total Maximum Daily Load (TMDL) program, National Pollutant Discharge Elimination System (NPDES) permitting, nonpoint source control, wetlands protection and other water resources management efforts.

**Keywords:** "Water quality standards, "Criteria, "US EPA, Water quality management, Water pollution abatement, Water resources, Nonpoint sources, Wetlands, Priorities, Planning, Implementation, Clean Water Acts, Environmental issues.

**PB98-163033REB** PC A15/MF A03  
Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative. Final rept. Environmental Protection Agency, Washington, DC. Office of Water. Jun 98, 304p, EPA/821/B-98/017. See also PB97-124267. Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This Pollution Prevention (P2) manual discusses the applicability and implementation of effluent limitations guidelines and standards covering the pesticide formulating, packaging, and repackaging (PFPR) industry. The main purpose of the manual is to provide guidance to industry and permittees in the process of complying with this rule, in particular, complying with the P2 Alternative Option.

**Keywords:** "Pesticides, "Chemical industry, "Water pollution control, "Chemical effluents, Packaging, Materials handling, Manufacturing, Water pollution standards, Standards compliance, Pollution regulations, Waste water treatment, Waste water disposal, Water utilization, Water reuse, Discharge(Water), Auditing, Implementation, Monitoring, Alternatives, Pollution prevention.

**PB98-163108REB** PC A03/MF A01  
Characterization of Metal Benzotriazoles and Related Polymers. Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab. S. J. Wasson, M. C. Kerzic, J. W. Hall, M. A. Cates, and J. R. Wasson. 1998, 12p.

Prepared in cooperation with Wingate Univ., NC. Dept. of Chemistry and Physics. and Advanced Materials, New Hill, NC.

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Benzotriazole (bta-H) is well-known corrosion inhibitor for copper, copper-alloy, and other metal surfaces. Particles from these surface treatments will ultimately contribute to environmental indoor dust or outdoor industrial effluent, but they have not been fully characterized. Bta-H is one of a group of several organic ligands which bind to transition metals and which have similar structures. We have systematically investigated approximately 30 transition metal complexes of the general formula  $ML_2(\text{sub } 2)$ , where  $M = VO(2+)$ ,  $MN(2+)$ ,  $Co(2+)$ ,  $Ni(2+)$ ,  $Cu(2+)$ , and  $Zn(2+)$ , and  $L =$  deprotonated benzotriazole, imidazole, benzimidazole, 2-methylimidazole, or 2-methylbenzimidazole. Where possible, these materials have been synthesized and characterized by chemical analysis, spectroscopy, and x-ray diffraction techniques.

Keywords: \*Polymers, \*Interactions, \*Characterization, Particles, Spectroscopic analysis, X-ray diffraction, Powder diffraction lines, Chemical analysis, Transition metals, Corrosion inhibitors, \*Benzotriazoles.

**PB96-163124REB** PC A19/MF A04  
RACT/BACT/LAER Clearinghouse Clean Air Technology Center: A Compilation of Control Technology Determinations. Seventh Supplement to the 1990 Edition. Final rept.

Environmental Protection Agency, Research Triangle Park, NC. Information Transfer and Program Integration Div.

J. E. Steigewald. Jun 97, 420p, EPA/456/R-97/002. See also PB96-195714.

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The basic purposes of the RBLC are to: (1) provide state and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide, and (2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this compilation was abstracted from preconstruction permits and submitted by the state and local air pollution control agencies and EPA regional offices. The Clearinghouse is intended as a reference for state and local agencies in making RACT/BACT/LAER decisions.

Keywords: \*Air pollution control, Air pollution control equipment, Air pollution sources, Permits, Sectoral analysis, Performance standards, Air pollution standards, Standards compliance, Clean Air Acts, Pollution regulations, Industrial wastes, Airborne wastes, Indexes(Documentation), Tables(Data), \*BACT(Best Achievable Control Technology), \*Best Achievable Control Technology, \*RACT(Reasonably Achievable Control Technology), \*LAER(Lowest Achievable Emission Rates), \*Lowest Achievable Emission Rates, New Source Performance Standards, RBLC(RACT/BACT/LAER Clearinghouse).

**PB96-163132REB** PC A14/MF A03  
Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Locating and Estimating Air Emissions from Sources of Arsenic and Arsenic Compounds. Final rept.

Eastern Research Group, Morrisville, NC. Jun 98, 290p, EPA/454/R-98/013.

Contract EPA-68-D7-0068

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This document describes the properties of arsenic and arsenic compounds as air pollutants, defines production and use patterns, identifies source categories of air emissions, and provides emission factors. Arsenic is emitted as an air pollutant from external combustion boilers, municipal and hazardous waste incineration, primary copper and zinc smelting, glass manufacturing, copper ore mining, and primary and secondary lead smelting. Emissions of arsenic from these activities are due to the presence of trace amounts of arsenic in fuels and materials being processed. In such cases, the emissions may be quite variable because the trace presence of arsenic is not constant. Arsenic emissions also occur from agricultural chemical production and application, and also from metal processing due to the use of arsenic in these activities. In addition to the arsenic source information, information is provided that specifies how individual sources of arsenic may be tested to quantify air emissions.

Keywords: \*Arsenic, \*Arsenic compounds, \*Position(Location), \*Estimating, \*Air pollution sources, \*Emissions, Stationary pollutant sources, Point sources, Emission factors, Sectoral analysis, Air pollution monitoring, Combustion products, Boilers, Incinerators, Smelters, Furnaces, Manufacturing, Industrial plants, Industrial wastes, Pulp mills, \*Emission inventories, Landfill gases, Hazardous air pollutants.

**PB96-164502REB** PC A05/MF A01  
Pesticide Reregistration Progress Report for 1997. Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. 1998, 62p, EPA/738/K-98/003.

See also PB95-210472.

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The Pesticide Reregistration Progress Report for 1997 provides information on the status of the pesticide reregistration and Special Review programs mandated by the federal pesticide law, the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). It summarizes the EPA Office of Pesticide Programs' (OPP's) cumulative progress in implementing these programs as of early 1998. This report also provides detailed information about the Reregistration Eligibility Decisions (REDs) and Special review decisions completed by the Agency during fiscal year and calendar year 1997, under new provisions of the Food Quality Protection Act (FQPA) of 1996.

Keywords: \*Pesticides, Evaluation, Reviewing, Suspending, Rejection, Utilization, Administrative procedures, Toxicology, Requirements, \*Reregistration, FIFRA(Federal Insecticide Act).

**PB96-164668REB** PC A05/MF A01  
Pesticides and National Strategies for Health Care Providers. Workshop Proceedings. Held on April 23-24, 1998.

Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances. Jul 98, 70p, EPA/735/R-98/001.

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In April 1998, EPA and several other federal agencies convened a workshop of experts in the field of health professional education to identify strategies for educating health care providers on how to recognize, diagnose, manage, and prevent adverse health effects from pesticide exposures.

Keywords: \*Pesticides, \*Health effects, \*Exposure, Agricultural chemicals, Public health, Agricultural workers, Environmental health, Training, Diagnosis(Medicine), Signs and symptoms, Illness, Medical services, Medical care.

**PB96-164676REB** PC A04/MF A01  
Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards. Fabric Filter Bag Leak Detection Guidance. Midwest Research Inst., Cary, NC.

D. Bivins. Sep 97, 38p, EPA/454/R-98/015.

See also PB88-180120. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.

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This document provides guidance on the use of triboelectric monitors as fabric filter bag leak detectors. This document includes fabric filter and monitoring system descriptions; guidance on monitor selection, installation, set up, adjustment, and operation; and quality assurance procedures. The monitor set up procedure in this guidance was developed based on testing conducted on shaker and pulse-jet baghouses; however, the guidance is expected to apply to reverse-air baghouses as well.

Keywords: \*Air pollution sources, \*Leak detectors, \*Triboelectricity, \*Filters, Air pollution control equipment, Emissions, Filtration, Inspection, Quality assurance, Air pollution monitors, OAQPS(Office of Air Quality Planning and Standards).

**PB96-165137REB** PC A09/MF A02  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. Indoor Air Emissions from Office Equipment: Test Method and Pollution Prevention Opportunities. Final rept. Oct 93-Dec 97.

Research Triangle Inst., Research Triangle Park, NC. C. Norheim, L. Sheldon, D. Whitaker, B. Hetes, and J. Calcagni. Jul 98, 164p, EPA/600/R-98/080.

Grant EPA-R-822025

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The report describes the development and evaluation of a large chamber test method for measuring emissions from dry-process photocopiers. The test method was evaluated in two phases. Phase 1 was a single-laboratory evaluation at Research Triangle Institution (RTI), using four mid-range dry-process photocopiers. Phase 1 results indicated that the test method provides acceptable performance for characterizing emissions, adequately identifies differences in emissions between machines both in compound emitted and their emission rates, and is capable of measuring both intra- and inter-machine variability in emissions.

Keywords: \*Air pollution, \*Indoor air pollution, \*Occupational safety and health, Test methods, Emissions, Photocopying, Office equipment, Organic compounds, Pollution prevention.

**PB96-165145REB** PC A10/MF A03  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div. GIS-Based Model of Automobile Exhaust Emissions. Final rept. Jan 97-May 98.

Georgia Inst. of Tech., Atlanta. School of Civil and Environmental Engineering.

W. H. Bachman. Aug 98, 194p, EPA/600/R-98/097.

Grant EPA-R-823020

See also PB97-193643 and PB97-193627. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.

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The report presents progress toward the development of a computer tool called MEASURE, the Mobile Emission Assessment System for Urban and Regional Evaluation. The tool works toward a goal of providing researchers and planners with a way to assess new mobile emission mitigation strategies. The model is based on a geographic information system (GIS) and uses modal operation (acceleration, deceleration, cruise,

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and idle). Estimates of spatially resolved fleet composition and activity are combined with situation-specific emission rates to predict engine start and running exhaust emissions. The estimates are provided at user-defined spatial scales. A demonstration of model operation is provided using a 100 sq km study area in Atlanta, Georgia. Future mobile emissions modeling research needs are developed from an analysis of the sources of model error.

**Keywords:** \*Automobile exhaust, \*Exhaust emission measurement, \*Geographic information systems, \*Air pollution monitoring, Motor vehicles, Vehicle air pollution, Mobile pollutant sources, Engine performance, Emission factors, Fleet management, Velocity, Acceleration, Travel modes, Mathematical models, Emission rates.

**PB98-165160REB** PC A02/MF A01  
**Pesticide Fact Sheet: Gamma aminobutyric acid (GABA) and L-Glutamic Acid.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 8p, EPA/730/F-98/019.  
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Application of Auxigro WP, the end-use product containing GABA an Glutamic Acids, enhances plant growth. Auxigro WP may be used on beans, cole crops, green peppers, lettuce, peanuts, potatoes, spinach, tomatoes, lawn and turfgrasses, and ornamentals. Methods of application include both foliar and drench treatments.

**Keywords:** \*GABA, \*Aminobutyric acid, \*Glutamic acid, \*Pesticides, \*Registration, Plant growth regulators, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, Use patterns, Biochemicals.

**PB98-165178REB** PC A02/MF A01  
**Pesticide Fact Sheet: Jojoba Oil.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Mar 98, 6p, EPA/730/F-98/020.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** \*Pesticides, \*Registration, Insecticides, Insect control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, \*Jojoba oil, Use patterns.

**PB98-165186REB** PC A02/MF A01  
**Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 6p, EPA/730/F-98/021.  
See also report for Feb 96, PB96-155254.  
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Octenol is intended for outdoor non-food use and is used in dispensers placed on electric bug killer stations.

**Keywords:** \*Insect attractants, \*Pesticides, \*Registration, Pheromones, Sex attractants, Insect attractants, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical

properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, \*1-Octen-3-ol, Use patterns, CAS 3391-86-4.

**PB98-165194REB** PC A02/MF A01  
**Pesticide Fact Sheet: Kaolin (Update).**  
Environmental Protection Agency, Washington, DC. Office of Pesticide Programs.  
Aug 98, 10p, EPA/730/F-98/022.  
See also PB98-133127.  
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Kaolin is to be used as an aid in control of damage to plants from insects, mites, fungi, and bacteria.

**Keywords:** \*Kaolin, \*Repellents, \*Pesticides, \*Registration, Insect control, Insects, Fungi, Mites, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, Use patterns, CAS 1332-58-7.

**PB98-165202REB** PC A02/MF A01  
**Pesticide Fact Sheet: Killed Fermentation Solids and Solubles of 'Myrothecium verrucaria'.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 8p, EPA/730/F-98/023.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** \*Fermentation, \*Solids, \*Pesticides, \*Registration, Solubility, Nematocides, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, \*Myrothecium verrucaria, Use patterns.

**PB98-166440REB** PC A02/MF A01  
**EPA Pesticide Fact Sheet: Hexanoic Acid.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Jun 98, 8p, EPA/730/F-98/024.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** \*Hexanoic acids, \*Insect attractants, \*Pesticides, \*Registration, Insect control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, Biochemicals, Use patterns, CAS 142-62-1.

**PB98-166457REB** PC A03/MF A01  
**EPA Pesticide Fact Sheet: Pelargonic Acid.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 12p, EPA/730/F-98/025.  
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Pelargonic acid is registered for use as a blossom thinner, as an herbicide, and as a sanitizer.

**Keywords:** \*Pesticides, \*Registration, Plant growth regulators, Herbicides, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, \*Pelargonic acid, Nonanoic acid, Biochemicals, Use patterns, CAS 112-05-0.

**PB98-166465REB** PC A02/MF A01  
**Pesticide Registration (PR) Notice 98-6. Notice to Manufacturers, Producers, Formulators and Registrants of Pesticide Products. Flammability Labeling Requirements for Total Release Fogger Pesticides.**  
Environmental Protection Agency, Washington, DC. Office of Pesticide Programs.  
29 Jul 98, 10p.  
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This notice describes new labeling requirements for total release foggers and provides the procedures and time frame for compliance. It affects total release foggers containing a propellant with a flash point at or below 20 degrees Fahrenheit.

**Keywords:** \*Pesticides, \*Flammability, \*Labels, Containers, Labeling, Requirements, Aerosols, Spraying, Atomizing, Propellants, Flash point, Combustion, Safety, Consumer products, Compliance, Procedures, Regulations, \*Foggers.

**PB98-166473REB** PC A03/MF A01  
**Pesticide Registration Notice PR 98-4. Notice to Manufacturers, Formulators, Producers, Distributors and Registrants of Pesticide Products. Additional Guidance on Final FIFRA Section 6(a)(2) Regulations for Pesticide Product Registrants.**  
Environmental Protection Agency, Washington, DC. Office of Pesticide Programs.  
4 Aug 98, 18p, EPA/730/N-98/006.  
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On September 19, 1997, EPA published in the Federal Register the final rule codifying EPA's interpretation and enforcement policy regarding section 6(a)(2) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), which requires pesticide registrants to report information concerning unreasonable adverse effects of their products to EPA (62 FR 49370). The purpose of the rule is to clarify what information to submit, how and when to submit it, as well as which failures to report information, or delays in reporting, will be regarded by EPA as violations of FIFRA section 6(a)(2), actionable under FIFRA section 12(a)(2)(B)(ii) and 12(a)(2)(N). Additional issues were raised which the Agency has decided to address in this PR notice. In addition to providing guidance on the details of the June 19, 1998 Final Rule and Technical Corrections and other matters, this PR notice notifies registrants of the elimination of a reporting requirements for at least one year.

**Keywords:** \*Reporting requirements, \*Regulations, \*Registration, \*Hazards, US EPA, Pesticides, Government policies, Administrative procedures, \*FIFRA(Federal Insecticide Fungicide and Rodenticide Act), \*Federal Insecticide Fungicide and Rodenticide Act.

**PB98-166481REB** PC A02/MF A01  
**Pesticide Fact Sheet: 'Gliocladium catenulatum' Strain J1448.**  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Jun 98, 8p, EPA/730/F-98/017.  
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The agency has classified PRIMASTOP as a microbial fungicide. PRIMASTOP contains living *Gliocladium catenulatum* strain J1446 as the active ingredient. *Gliocladium catenulatum* is a naturally-occurring saprophytic fungus, which is widespread in the environment.

**Keywords:** "Pesticides, "Registration, Microorganisms, Hyphomycetes, Fungicides, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Gliocladium catenulatum strain J1446, Use patterns.

**PB98-166499REB** PC A02/MF A01  
EPA Pesticide Fact Sheet: German Cockroach Pheromone, August 1998.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 8p, EPA/730/F-98/018.  
See also report for Nov 96, PB97-146427.  
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German cockroach pheromone is for use in a bait station combined with a German cockroach toxicant such as boric acid. It is registered for indoor non-food use in residential, commercial and industrial establishments including homes, restaurants, health care facilities, educational institutions, factories, garages, transportation and recreation vehicles, zoos, kennels, utilities, and sewers.

**Keywords:** "Pheromones, "Insect attractants, "Pesticides, "Registration, Insect control, Cockroaches, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, Use patterns, Biochemicals.

**PB98-166507REB** PC A03/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" Sub-species "kurstaki" Strain M-200.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 12p, EPA/730/F-98/013.  
See also PB98-166515.  
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*Bacillus thuringiensis* subspecies *kurstaki* strain M-200 is approved for manufacturing-use and for the control of lepidopterous pests of tree fruits, terrestrial small fruits, terrestrial small fruits and vegetables, tree nuts, alfalfa, corn, cotton, soybeans, peanuts, herbs and spices, and cranberries.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis subspecies *kurstaki* strain M200, Use patterns.

**PB98-166515REB** PC A03/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" subspecies "tollworthi" Cry9C Protein and the Genetic Material Necessary for Its Production in Corn.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
May 98, 20p, EPA/730/F-98/016.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group

of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis subspecies *tollworthi* Cry9C protein, Use patterns.

**PB98-166523REB** PC A03/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pCIB4431) in Corn.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 22p, EPA/730/F-98/014.  
See also PB98-166531 and PB98-166515.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis CryIA(b) delta endotoxin, Use patterns.

**PB98-166531REB** PC A03/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" Sub-species "kurstaki" CryIA(c) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 22p, EPA/730/F-98/015.  
See also PB98-166515.  
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This document contains up-to-date chemical information, including a summary of this Agency's regulatory position and rationale, on a specific pesticide or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis subspecies *kurstaki* CryIA(c) Delta-Endotoxin, Use patterns.

**PB98-166549REB** PC A04/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pZO1502) in Corn.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 32p, EPA/730/F-98/012.  
See also PB98-166556 and PB98-166523.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticide or group

of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis CryIA(b) Delta Endotoxin, Use patterns.

**PB98-166556REB** PC A03/MF A01  
Pesticide Fact Sheet: "Bacillus thuringiensis" CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
Environmental Protection Agency, Washington, DC. Biopesticides and Pollution Prevention Div.  
Aug 98, 24p, EPA/730/F-98/011.  
See also PB98-166523 and PB98-166515.  
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This document contains up-to-date chemical information, including a summary of the Agency's regulatory position and rationale, on a specific pesticides or group of pesticides. A Fact Sheet is issued after registration of a new chemical.

**Keywords:** "Bacillus thuringiensis, "Insecticides, "Pesticides, "Registration, Bacteria, Insect control, Biological pest control, Toxicity, Risk assessment, Exposure, Humans, Animals, Environmental impacts, Chemical properties, Environmental transport, Pollution regulations, Administrative procedures, Pest control, "Bacillus thuringiensis CryIA(b) Delta Endotoxin, Use patterns.

**PB98-167414REB** PC A04/MF A01  
Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report.  
Environmental Protection Agency, Annapolis, MD. Chesapeake Bay Program.  
Aug 98, 48p, EPA/903/R-98/015, CBP/TRS-208/98.  
See also PB97-155410.  
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The Living Resources Subcommittee (LRSc) is committed to the restoration, enhancement, protection and management of the living resources of Chesapeake Bay. LRSc workgroups include: Aquatic Reef Habitat, Ecosystem Indicators, Ecosystem Modeling, Exotic Species, Fish Passage, Fisheries Management Plan (FMPs), Habitat Objectives/Restoration, Living Resources Monitoring (a joint workgroup with the Monitoring Subcommittee), Submerged Aquatic Vegetation (SAV; also a joint workgroup with the Monitoring Subcommittee), Waterfowl and Other Water Birds, and Wetlands.

**Keywords:** "Natural resources management, "Fisheries, "Chesapeake Bay, Government policies, Bays, Ecosystems, Environment management, Wetlands, Vegetation, Water quality management, Water pollution control, Aquatic habitats, Biological monitoring, "Habitat restoration.

**PB98-167836REB** PC A07/MF A02  
Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor.  
National Air and Radiation Environmental Lab., Montgomery, AL.  
T. W. Fowler, and C. Cox. Jul 98, 122p, EPA/402/R-98/003.  
See also PB89-210629.  
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This report presents results of a radiological survey conducted in September 1996 by the National Air and



# EPA PUBLICATIONS BIBLIOGRAPHY

Radiation Environmental Laboratory (NAREL) to assess levels of environmental radioactivity around Puget Sound Naval Shipyard (PSNS) at Bremerton, WA, and the Naval Submarine Base (NSBB) near Bangor, WA. The purpose of the survey was to assess whether the construction, maintenance, overhaul, refueling or operations nuclear-powered warships have created elevated levels of radioactivity that could expose nearby populations or contaminate the environment. During this survey 227 samples were collected: 126 at the PSNS study site; 73 at the NSBB site; 21 from background locations; and 7 near the outfall of the Bremerton sewage treatment plant. Samples included drinking water, harbor water, sediment, sediment cores, and biota. All samples were analyzed for gross alpha and beta activities and gamma emitting radionuclides, and some samples were also analyzed for radium-226 and isotopes of uranium, plutonium, and thorium. In addition to sample collection and analysis, radiation surveys were performed using portable survey instruments to detect gamma radiation. Based on this radiological survey, practices regarding nuclear-powered warship operations at PSNS and NSBB have resulted in no increases in radioactivity causing significant population exposure or contamination of the environment.

**Keywords:** "Naval facilities, "Radiation monitoring, "Environmental surveys, Sampling, Alpha dosimetry, Beta dosimetry, Gamma radiation, Gamma dosimetry, Radium 226, Uranium isotopes, Thorium isotopes, Plutonium isotopes, Radioecological concentration, Radiation sources, Sediments, Drinking waters, Aquatic biology, "Puget Sound Naval Shipyard, "Bangor Naval Submarine Base, Bremerton (Washington), Kitsap County (Washington).

**PB98-167844REB** PC A13/MF A03  
**Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.** Rept. for 1 Jan-31 Dec 96.

Illinois State Environmental Protection Agency, Springfield, Div. of Land Pollution Control.  
Aug 98, 262p, IEPA/BOL-98/008.  
See also PB97-137582.

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The Illinois EPA's 10th Annual Report describing the management of nonhazardous municipal solid waste by the state's solid-waste landfills and transfer stations. The report is divided into section representing Illinois EPA administrative regions. Each regional section includes newly designated specification pages describing the chief physical characteristics of each landfill; its location and hours of operation; tipping fee; quantities of wastes received (in gate cubic yards, tons and tons per day) for the last three years; the landfill's certified remaining capacity (in gate cubic yards and tons) for the last two reporting periods; solid waste management fees paid in 1996; which Agency regional field office or delegated local authority inspects the facility; and the name, address and phone number of the landfill's owner and operator. Similar but scaled-down specification pages are included for each transfer station. In all, this report includes details of 77 landfills and 66 transfer stations.

**Keywords:** "Solid waste disposal, "Landfills, "Capacity, "Illinois, Municipal wastes, Waste transfer stations, Waste recycling, Composting, Materials handling, Solid waste management, Regional analysis, Tables(Data), "Nonhazardous wastes.

**PB98-167976REB** PC A19/MF A04  
**National Risk Management Research Lab., Ada, OK. Subsurface Protection and Remediation Div. Potential for Invasion of Underground Sources of Drinking Water through Mud-Plugged Wells: An Experimental Appraisal.** Research rept. 1 Oct 91-30 Sep 94.

Oklahoma State Univ., Stillwater.  
M. D. Smith, G. F. Stewart, R. L. Perry, M. D. Smith, C. D. Tauffe, G. Overton, W. A. Holloway, and J. D. Holman. Jul 98, 414p, EPA/600/R-98/075.  
See also PB90-227232. Sponsored by National Risk Management Research Lab., Ada, OK. Subsurface Protection and Remediation Div.  
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customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The Hazardous and Solid Waste Amendment of 1984 requires the Environmental Protection Agency to assess environmental suitability of liquid-waste injection into subsurface rock. The main objective of the feasibility study described was to test the hypothesis, evidence about dynamics of building mud cake on the wellbore-face was obtained, as well as comprehension of changes that occur in drilling mud from the time it is placed in a well until it reaches equilibrium.

**Keywords:** "Drilling fluids, "Mud, "Well drilling, "Injection wells, "Water pollution monitoring, Boreholes, Well casings, Porosity, Permeability, Plugs, Reservoir rocks, Fluid pressure, Liquid wastes, Drinking water.

**PB98-168008REB** PC A04/MF A01  
**Cost and Performance Report: In situ Anaerobic Bioremediation, Pinellas Northeast Site, Largo, Florida.** Final rept.

National Risk Management Research Lab., Ada, OK. Subsurface Protection and Remediation Div.  
D. S. Ingle, M. Hightower, and G. W. Sewell. Apr 98, 44p, EPA/600/R-98/115.

See also PB98-135809. Prepared in cooperation with Sandia National Labs., Albuquerque, NM, and Department of Energy, Grand Junction, CO. Grand Junction Office.

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In early 1997, the Innovative Treatment Remediation Demonstration (ITRD) Program conducted a pilot study at the Pinellas STAR Center's Northeast Site to treat chlorinated volatile organic compounds (VOC) using in situ anaerobic bioremediation. The two primary objectives of this pilot study were to (1) evaluate the use of nutrient injection to enhance in situ anaerobic biological degradation of chlorinated VOCs in areas of moderate contaminant concentrations and (2) obtain operating and performance data to optimize the design and operation of a full-scale system.

**Keywords:** "Pinellas Plant, "Biodegradation, "Anaerobic conditions, "Water pollution control, Ground water, Aquifers, Nutrients, Bacteria, Biological treatment, In situ processing, Flow rates, Base flow, Infiltration, Recirculation, Monitoring wells, Cost analysis, Performance evaluation, Pilot projects, "Bioremediation, Innovative treatment technology, Largo (Florida), Volatile organic compounds, Chloroethene.

**PB98-169188REB** PC A06/MF A01  
**Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990.**

Environmental Protection Agency, Washington, DC. Office of Prevention, Pesticides and Toxic Substances.  
Dec 96, 88p, EPA/550/B-96/015.

See also PB95-213659 and PB95-227823.  
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This consolidated chemical list includes chemicals subject to reporting requirements under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), also known as the Emergency Planning and Community Right-to-Know Act (EPCRA) and chemicals listed under section 112(r) of Title III of the Clean Air Act (CAA) Amendments of 1990. This consolidated list has been prepared to help firms handling chemicals determine whether they need to submit reports under sections 302, 304, or 314 or SARA Title III (EPCRA) and, for a specific chemical, what reports may need to be submitted. It also will help firms determine whether they will be subject to accident prevention regulations under CAA section 112(r).

**Keywords:** "Chemical compounds, "Listings, Hazardous materials, Toxic substances, Radioisotopes, Air pollutants, Pollution abatement, Pollution control, Waste management, Materials handling, Accidents, Reporting requirements, Regulations, Compliance, Chemical releases, Extremely hazardous substances, Threshold Planning Quantity, Reportable Quantity, Threshold Quantity, Superfund Amendments and Reauthorization Act of 1986, Emergency Planning and Community Right-to-know Act, Clean Air Act Amendments of 1990, Resource Conservation and Recovery Act, Comprehensive Environmental Response Compensation and Liability Act.

**PB98-169303REB** PC A04/MF A01  
**SAB Report: Review of the Surface Impoundments Study (SIS) Plan. Review of the Office of Solid Waste's Proposed Surface Impoundment Study by the Environmental Engineering Committee.**

Environmental Protection Agency, Washington, DC. Science Advisory Board.  
Aug 98, 44p, EPA-SAB-EEC-98-009.

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The Charge for this review requested that the SAB comment on: (1) the technical merits of the overall study structure; (2) the technical merits of the proposed risk assessment; and (3) the involvement of technical experts, affected facilities and the public at critical points in the study's design and implementation.

**Keywords:** "Surface impoundments, "Industrial wastes, "Waste water, US EPA, Research projects, Risk assessment, Public health, Ecology, Ecosystems, Site characterization, "Land Disposal Program Flexibility Act, "Office of Solid Waste, SIS (Surface Impoundment Study).

**PB98-169733REB** PC A03/MF A01  
**Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity.**

Environmental Protection Agency, Washington, DC. Office of Water.

Jul 98, 26p, EPA/816/R-98/010.

See also PB98-144769.

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This document describes four hypothetical State programs that meet the requirements of section 1420(a) of the 1996 Amendments to the Safe Drinking Water Act. The purpose of this document is to demonstrate the variety of alternative approaches that States might adopt, emphasizing the significant flexibility inherent in the statutory requirement and EPA's guidance on this subject. Text boxes throughout the hypothetical program descriptions identify key points that reviewers might note regarding each program submission.

**Keywords:** "State programs, "Water utilities, "Safe Drinking Water Act, "Potable water, "Capacity, States (United States), Water quality, Water supply, Flexibility, Requirements, Regulations, Procedures, State government, Case studies, Community water systems, Nontransient noncommunity water systems.

**PB98-169741REB** PC A11/MF A03  
**Water Conservation Plan Guidelines.**

Environmental Protection Agency, Washington, DC. Office of Water.

6 Aug 98, 224p, EPA/832/D-98/001.

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These Water Conservation Plan Guidelines are addressed to water system planners but use of the

Guidelines is not required by federal law or regulation. The first part of the document introduces the Guidelines and provides information to the States about their nature and possible use. The second part of the document, written for water systems, is an overview to the organization, content, and the use of the Guidelines. The next three parts contain the water conservation plan Guidelines: Basic, Intermediate, and Advanced. The Basic Guidelines are designed for use by water systems serving populations of 10,000 or fewer; The Intermediate Guidelines are designed for water systems serving between 10,000 and 100,000 people; The Advanced Guidelines are designed for water systems serving more than 100,000 people. Six appendices to the Guidelines provide supporting information: detailed descriptions of conservation measures (Appendix A), conservation benchmarks (Appendix B), acronyms and a glossary (Appendix C), information resources (Appendix D), funding sources (Appendix E), and state contacts (Appendix F).

**Keywords:** "Water conservation, "Planning, "Guidelines, Water resources, Water supply, Water systems, States(United States), Water management(Applied), Infrastructure, Capacity, Water distribution(Applied), Water policy, Policy making, Safe Drinking Water Act, Forecasting, Implementation, Cost benefit analysis.

**PB98-169758REB** PC A06/MF A01  
Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary. Final report.  
Environmental Protection Agency, Washington, DC. Office of Water.  
20 Jul 98, 88p, EPA/815/R-98/004.  
See also PB91-125716 and PB98-169766. Prepared in cooperation with Resolve, Inc., Washington, DC.  
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The Environmental Protection Agency (EPA) and Centers for Disease Control and Prevention (CDC), as recommended by the M/DBP Expedited Rule Advisory Committee resolution, co-sponsored the Waterborne Disease Workshop on October 9 and 10, 1997. This report summarizes the presentations and discussion at the Workshop. It is organized in three sections. The Background of Waterborne Disease Detection and Federal Policy Development section includes summaries of the presentations by Agency representatives concerning the scientific and policy considerations in developing a National Estimate for Waterborne Disease Occurrence. The Planned and Ongoing Studies of Disease Occurrence section summarizes presentations on specific ongoing or proposed research approaches and the discussion surrounding them. The Approaches Towards a National Estimate section summarizes the discussion of scientific and policy considerations involved in developing the National Estimate.

**Keywords:** "Waterborne diseases, "Potable water, "Safe Drinking Water Act, "Water quality management, Microorganisms, Pathogens, Disease outbreaks, Water supply, Water utilities, Water systems, Public health, Communities, Exposure, Detection, Sampling, Regulations, Government policies, Research projects, Meetings.

**PB98-169766REB** PC A04/MF A01  
U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
Environmental Protection Agency, Washington, DC. Office of Water.  
G. Craun. Aug 98, 46p, EPA/815/R-98/005.  
See also PB98-169758.  
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Technical presentations at the beginning of the workshop provided participants with current information to assist in the design of the proposed epidemiological studies: Water sources and treatment used in the United States; Occurrence of waterborne pathogens in water sources and tap water; Etiologic agents causing

waterborne disease; Water system deficiencies associated with reported waterborne outbreaks; Analytical methods for detecting pathogens in water samples and clinical specimens; and Human dose response issues for Norwalk virus and Cryptosporidium. Participants were also informed about the objectives, study designs, and preliminary results of recently completed and ongoing waterborne disease epidemiological studies; A general discussion of the fundamental questions surrounding the proposed epidemiological studies followed the technical presentations. Participants then met separately in three break-out groups for further discussions. Each group summarized their deliberations at the end of the first day. During the second day, workshop participants identified and discussed the important issues that should be considered in designing and conducting the proposed epidemiological studies. This report summarizes these issues.

**Keywords:** "Waterborne diseases, "Epidemiology, "Potable water, "Public health, Microorganisms, Pathogens, Water quality, Disease outbreaks, Safe Drinking Water Act, Exposure, Risk assessment, Water treatment, Research projects, Project management, Statistical analysis, Intervention studies, Meetings.

**PB98-169774REB** PC A03/MF A01  
Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
Environmental Protection Agency, Washington, DC. Office of Water.  
Jul 98, 12p, EPA/815/R-98/009.  
See also PB98-133333.  
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Capacity development is an effort by the States to help drinking water systems improve their finances, management, infrastructure, and operations so they can provide safe drinking water consistently, reliably, and cost-effectively. As a first step, each State will prepare its own capacity development strategy. Although the details will vary depending on the particular needs of the State's water systems, each strategy will specify how the State will identify and rank water systems that need assistance.

**Keywords:** "Public information, "Information dissemination, "States(United States), "Capacity, "Water utilities, "Potable water, Water systems, Water supply, Public utilities, Water treatment plants, Water quality, State government, Safe Drinking Water Act, Regulations, State Revolving Fund.

**PB98-169782REB** PC A02/MF A01  
Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
Environmental Protection Agency, Washington, DC. Office of Water.  
Jun 98, 10p, EPA/833/F-98/003.  
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Consistent with the goals of the new Clean Water Action Plan, the Office of Wastewater Management (OWM) has renewed its commitment to improving the quality of water in the United States for the benefit of all citizens.

**Keywords:** "Water pollution control, "Water quality management, "Environmental protection, "Public health, Water pollution sources, Runoff, Waste water treatment, Sewage treatment plants, Water treatment plants, Water pollution abatement, Clean Water Acts, Regulations, Watersheds, Federal government, Pollution prevention.

**PB98-169790REB** PC A03/MF A01  
Outreach and Technical Assistance Programs. 1997 Accomplishments; Small Underserved Communities Team.  
Environmental Protection Agency, Washington, DC.  
Jun 98, 20p, EPA/832/R-98/001.  
See also PB98-133309 and PB98-133218.

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#### Contents:

Underserved Communities:  
the Problem;  
1997 Program Accomplishments;  
Technical Assistance;  
Training;  
Outreach;  
Team Publications;  
and Team Contacts.

**Keywords:** "Waste water treatment, "Water quality management, "Federal programs, US EPA, Outreach programs, Technical assistance, Financial assistance, Waste water disposal, Public utilities, Eligibility, "Underserved communities.

**PB98-169808REB** PC A05/MF A01  
Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996.  
Environmental Protection Agency, Washington, DC.  
Jul 98, 68p, EPA/816/R-98/006.  
See also PB98-133333 and PB98-133366.  
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This guidance establishes national policy regarding implementation of the capacity development related provisions of the SDWA, as amended. Sections 2 and 3 of this guidance describe how EPA will assess State capacity development programs for purposes of determining whether these programs meet the statutory requirements contained in section 1420 of the Act and therefore whether the Agency is required to withhold (according to sections 1420 and 1452(a)(1)(G)(i)) up to 20% of a State's share of DWSRF funding. Section 4 of this guidance describes what States must document and submit to EPA to demonstrate compliance with section 1452(a)(3) of the Act.

**Keywords:** "States(United States), "Water utilities, "Capacity, "Potable water, "Safe Drinking Water Act, State government, Water quality, Public utilities, Water supply, Water treatment plants, Facilities management, Operation and maintenance, Implementation, Technical assistance, Financial assistance, Provisions, Regulations, Community water systems, Non-transient noncommunity water systems, Transient noncommunity water systems, DWSRF(Drinking Water State Revolving Fund).

**PB98-169958REB** PC A07/MF A02  
Environmental Protection Agency, Cincinnati, OH. Center for Environmental Research Information.  
Alternative Methods for Fluid Delivery and Recovery: Manual.  
Eastern Research Group, Inc., Lexington, MA.  
L. Murdoch, and D. Wilson. Sep 94, 102p, EPA/625/R-94/003.  
Contract EPA-68-C0-0068  
See also PB90-155607. Prepared in cooperation with Independent Environmental Consultants, Arvada, CO. and Cincinnati Univ., OH. Center for GeoEnvironmental Science Technology. Sponsored by Environmental Protection Agency, Cincinnati, OH. Center for Environmental Research Information.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This manual focuses on alternatives to conventional applications of vertical wells—alternatives that improve performance or reduce cost. This manual presents these three alternative methods of enhancing delivery and recovery. The scope of this document is confined to physical enhancement techniques.

**Keywords:** "Water pollution control, "Alternatives, "Recovery, "Delivery, Well drilling, Fracturing, Trenches, Directional drilling, Geology, Depth, Vapors, Manu-

# EPA PUBLICATIONS BIBLIOGRAPHY

als, LNAPL(Light Nonaqueous Phase Liquids), DNAPL(Dense Nonaqueous Phase Liquids).

**PB98-169964REB** PC A04/MF A01  
**SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II.**  
Environmental Protection Agency, Washington, DC. Radiation Advisory Committee.  
Aug 98, 46p, EPA/SAB/RAC/ADV-98/001.  
See also PB86-158011.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The EPA Science Advisory Board's (SAB) Radiation Advisory Committee (RAC) reviewed technical aspects of the draft document titled "Reconfiguration Design for the Environmental Radiation Ambient Monitoring System" (ERAMS). The charge to the RAC for this advisory was to assess the Agency's proposals for reconfiguring the ERAMS program and to respond to specific questions related to the effort regarding the reconfiguration design, the criteria used for matrix selection, determination of sampling locations and frequency, other network features, whether proposed changes will increase overall system usefulness to all the parties, and whether there are other issues or practices that should be addressed.

**Keywords:** "Radioactive contaminants, "Radiation monitoring, Radioisotopes, Radioactivity, Fallout deposits, Radionuclide migration, Radioecological concentration, Radiation detection, Environmental monitoring, "ERAMS(Environmental Radiation Ambient Monitoring System), "Environmental Radiation Ambient Monitoring System, Data Quality Objectives.

**PB98-169972REB** PC A11/MF A03  
**Sanitary Sewer Overflow Workshop. Held in Washington, DC, on April 26-28, 1995. Final rept.**  
Environmental Protection Agency, Washington, DC. Office of Water.  
Aug 95, 224p, EPA/832/R-95/007.  
Also presented to the Urban Wet Weather Flows Advisory Committee, SSO Subcommittee, August 17, 1995. See also PB98-169972 and PB98-151343.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

OWM also invited a number of national wet weather and wastewater treatment experts and committee members to participate in a workshop on SSOs in Washington, DC, April 26-28, 1995, immediately following the conference. The workshop focused on five specific areas: (1) preventing maintenance, (2) peak inflow, (3) rainfall induced infiltration (RII), (4) laterals, and (5) treatments options for wet weather flow. Following is a summary of the findings and recommendations of the workshop.

**Keywords:** "Sanitary sewers, "Sewer systems, "Overflow, "Meetings, Peak discharge, Surface runoff, Storm water runoff, Rainfall-runoff relationships, Infiltration, Inflow, Outflow, Waste water treatment, Sewage water treatment, Sewage disposal, Combined sewers, Pipes(Tubes), Maintenance, Public sector, Public utilities, Private sector, Communities, Water quality, Monitoring, Watersheds, Case studies.

**PB98-173420REB** PC A03/MF A01  
**Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab. Comparison of Indoor Radon Concentrations Determined by Passive Carbon Monitors and Continuous Radon Monitors. Rept. for Dec 87-Mar 88.**  
Oak Ridge National Lab., TN. Health and Safety Research Div.  
D. C. Sanchez, and C. S. Dudley. 1988, 16p, EPA/600/A-88/111.  
Presented at the CSCE-ASCE Conference on Environmental Engineering, Vancouver, B.C., July 13-15, 1988. Sponsored by Environmental Protection Agency, Research Triangle Park, NC. National Risk Management Research Lab.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.

customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This work presents the results of side-by-side carbon absorption measurements using commercially available monitors. Comparisons are made with integrated averages obtained from continuous radon monitoring measurements. Measurements were made in four houses in Oak Ridge, TN, during the winter of 1988. Integrated 2 day measurements generally compare well with continuous radon monitor averages.

**Keywords:** "Radon, "Air pollution monitoring, "Temporal variations, "Houses, Indoor air pollution, Radioecological concentration, Carbon, Adsorption, Passive systems, Continuous sampling, Air pollution sampling.

**PB98-173446REB** PC A03/MF A01  
**Air Pollution Prevention and Control Division's Program within U.S. EPA's Office of Research and Development.**  
Environmental Protection Agency, Research Triangle Park, NC. Air Pollution Prevention and Control Div.  
F. T. Princiotto. 1998, 20p, EPA/600/A-98/110.  
Presented at the Korean Society of Clean Technology Conference, Seoul, Korea, September 12-13, 1996. See also PB88-127048.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

A simplified organizational diagram of the U.S. EPA illustrates that the Agency is generally organized around its legislative mandate; i.e., media-oriented programs. Since this article focuses on air pollution engineering research, it highlights two of the relevant Assistant Administrator components. The Air and Radiation Office is responsible for setting the agenda for the Agency regarding implementation of air (and radiation) abatement programs, especially implementation of the recently passed Clean Air Act Amendments. The Research and Development Office provides scientific and technical information to support Agency programs. The discussion focuses on air pollution problems and the engineering challenges associated with dealing with them.

**Keywords:** "US EPA, "Air pollution control, "Air pollution abatement, Air pollution standards, Pollution regulations, Government policies, Environmental policy, Clean Air Acts, Federal programs, Air pollution effects(Humans), Environmental effects, Pollution prevention.

**PB98-173453REB** PC A06/MF A02  
**Guideline on Ozone Monitoring Site Selection.**  
Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.  
Aug 98, 100p, EPA/454/R-98/002.  
See also PB98-157613 and PB98-147226.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

This report provides background information for State and local agencies responsible for designing and implementing an ozone monitoring program. This updated report is motivated by the need to help air quality agencies and others incorporate 8-hour monitoring into their ozone monitoring program. This report assists those agencies considering how to design, implement or revise ozone monitoring networks, particularly in light of the need to collect 8-hour ozone concentration data.

**Keywords:** "Ozone, "Air pollution monitors, "Site selection, "Guidelines, Air pollution monitoring, Atmospheric chemistry, Ecological concentration, National Ambient Air Quality Standards, Design, Implementation, Networks, Data collection.

**PB98-173461REB** PC A05/MF A01  
**Volatile Organic Compound Emissions from Automobile Refinishing: Background Information for Promulgated Standards. Final rept.**  
Environmental Protection Agency, Research Triangle Park, NC. Office of Air Quality Planning and Standards.  
Aug 98, 52p, EPA/453/R-96/011B.  
See also PB96-172457.  
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A final rule for the regulation of volatile organic compounds (VOC) from automobile refinishing is being promulgated under the authority of Section 183(e) of the Clean Air Act. This document contains comments received from the public, and the EPA's responses to these comments.

**Keywords:** "Emissions, "Air pollution standards, "Clean Air Acts, Air pollution control, Spray painting, Surface coating, Coating processes, Paints, Repair shops, Automobile bodies, Pollution regulations, Standards compliance, Substitutes, Alternatives, State law, Environmental impacts, Economic impact, Cost analysis, National Ambient Air Quality Standards, "Volatile organic compounds, "Automotive refinishing.

**PB98-173479REB** PC A04/MF A01  
**National Risk Management Research Lab., Cincinnati, OH. Environmental Assessment of the Base Catalyzed Decomposition (BCD) Process. Research rept. Jun-Jul 98.**  
IT Corp., Cincinnati, OH.  
Aug 98, 42p, EPA/600/R-98/107.  
Contract EPA-68-C5-0039  
See also PB92-152511. Sponsored by National Risk Management Research Lab., Cincinnati, OH.  
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The report summarizes laboratory-scale, pilot-scale, and field performance data on BCD (Base Catalyzed Decomposition) technology, collected to date by various governmental, academic, and private organizations.

**Keywords:** "Soil contamination, "Chemical treatment, "Technology assessment, Polychlorinated biphenyls, Dioxins, Hazardous wastes, Catalysis, Dehalogenation, Soil treatment, Soil remediation, Land pollution control, Laboratory testing, Field tests, Pilot projects, "Base catalyzed decomposition, Thermodesorption.

**PB98-173495REB** PC A23/MF A04  
**RACT/BACT/LAER Clearinghouse Annual Report for 1998: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition.**  
Environmental Protection Agency, Research Triangle Park, NC. Information Transfer and Program Integration Div.  
Jun 98, 504p, EPA/456/R-98/004.  
See also Seventh Supplement, PB98-163124.  
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The basic purposes of the RBLC are to: (1) provide state and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide, and (2) promote communication, cooperation, and sharing of control technology information among the permitting agencies. The information presented in this compilation was abstracted from preconstruction permits and submitted by the state and local air pollution control agencies and EPA regional offices. The Clearinghouse is intended as a reference for state and local agencies in making RACT/BACT/LAER decisions.

**Keywords:** "Air pollution control, Air pollution control equipment, Air pollution sources, Permits, Sectoral

analysis, Performance standards, Air pollution standards, Standards compliance, Clean Air Acts, Pollution regulations, Industrial wastes, Airborne wastes, Indexes(Documentation), Tables(Data), \*BACT(Best Achievable Control Technology), \*Best Achievable Control Technology, \*RACT(Reasonably Achievable Control Technology), \*Reasonably Achievable Control Technology, \*LAER(Lowest Achievable Emission Rates), \*Lowest Achievable Emission Rates, New Source Performance Standards, RBLG(RACT/BACT/LAER Clearinghouse).

**PB98-500580REB** CP D02  
Global Emissions Database (GloED) Version 1.0 (on Diskette). Software.  
Environmental Protection Agency, Washington, DC. Office of Research and Development.  
Sep 97, 2 diskettes.  
MS DOS 6.0, Windows 3.1 or Windows 95 operating system. Recommended hardware: IBM PC or compatible Pentium, 133 MHz; 100 MB available hard disk storage; VGA-compatible display; Extended Memory Manager with 2408 KB extended memory; mouse; 640 KB base memory with 450 KB free available memory. The software is on two 3 1/2 inch DOS diskettes, 1.44M high density. Documentation included; may be ordered separately as PB98-120025. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The Global Emissions Database (GloED) is a user-friendly, menu-driven tool for storing and retrieving emissions factors and activity data on a country-specific basis. Data can be selected from databases resident within GloED and/or supplied by the user. The data are used to construct emissions scenarios for the countries and sources selected. References are linked to the data to ensure clear data pedigrees. The scenario outputs can be displayed on thematic global maps or other graphic outputs such as pie or bar charts. In addition, data files can be exported to a printer. This distribution version of the GloED incorporates in its database twelve different "datasets." The majority of the datasets are single gas (i.e., methane emissions datasets). Some of the datasets include emissions from several greenhouse gases. The sources included emission from: motor vehicles, landfills, minor CH<sub>4</sub> sources, rice cultivation, fuelwood burning, global VOC, animal waste methane, animal enteric CH<sub>4</sub>, domestic waste water, underground mines, biomass burning, and CH<sub>4</sub> from oil and gas production. GloED is a software system designed as a tool to generate estimates of global emissions by combining pollutant-specific emission factors with quantitative data on emission-producing activities for that source. GloED also serves as a repository for emissions data, activity data, and emission factors. Emission-producing activities are grouped into discrete datasets within GloED, based on the source of the data. Datasets may be named for the major component source categories contained in them. Most datasets are based on data from a single study. When you select one or more datasets of activities, you then have the option of narrowing the scope of the data by selecting the desired data contained associated with the datasets. You can select by country, sector, fuel, and/or pollutant. Within the dataset filters for source categories and fuels, there are hierarchical groupings of information so that the data requested can be as specific as possible. The final set of selected activities is used to generate the emissions inventory scenario. The GloED Scenario feature adds considerable flexibility to GloED. It allows "mix and match" of data included in multiple datasets so the user can construct an emissions inventory that combines data from multiple datasets or selections from a single dataset. The contents of the emission inventories generated by GloED can be reported in a variety of ways. A text summary of the emission inventories will generate a tabular breakdown of the results by pollutant, sector, and/or country. GloED can also provide a pie chart or bar chart showing the top 9 emitting countries in a format that allows easy comparison. Finally, GloED can project the results of an emissions inventory onto a global map, using colors to designate the amount and distribution of pollutants in the selected scenario. All of these output formats can be viewed on the screen, saved to a file, or printed as hard copy.

Keywords: \*Software, \*Databases, \*Greenhouse gases, \*Air pollution sources, \*Emission factors, Air pollutants, Global, Air pollution monitoring, Data sets,

Scenarios, Estimation, Data analysis, Data retrieval, Computerized simulation, \*GloED(Global Emission Database), \*Global Emission Database, Emission inventories.

**PB98-502354REB** CD-ROM \$60.00  
Superfund Public Information System (SPIS) June 1998 (on CD-ROM). Data file.  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jun 98, 1 CD-ROM.  
Contains search and retrieval software. Hardware/Software requirements: IBM or compatible PC-386SX or higher microprocessor, 4 MB of RAM, CD-ROM drive, mouse, SVGA 256 color display and Microsoft Windows Ver 3.1 or later. Supersedes PB98-502835 and PB98-500341. See also SUB-5131.  
The datafile is on one disc. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The Superfund Public Information System (SPIS) on CD-ROM contains Superfund data for the United States Environmental Protection Agency. The Superfund data is a collection of four databases, CERCLIS, Archive (NFRAP), RODS, and NPL Sites. Descriptions of these databases and CD contents are listed below. The FolioViews browse and retrieval engine is used as a graphical interface to the data. Users can access simple queries and can do complex searching on key words or fields. In addition, context sensitive help, a Superfund process overview, and an integrated data dictionary are available. RODS is the Records Of Decision System. RODS is used to track site clean-ups under the Superfund program to justify the type of treatment chosen at each site. RODS contains information on technology justification, site history, community participation, enforcement activities, site characteristics, scope and role of response action, and remedy. Explanation of Significant Differences (ESDs) are also available on the CD. CERCLIS is the Comprehensive Environmental Response, Compensation, and Liability Information System. It is the official repository for all Superfund site and incident data. It contains comprehensive information on hazardous waste sites, site inspections, preliminary assessments, and remedial status. The system is sponsored by the EPA's Office of Emergency and Remedial Response, Information Management Center. Archive (NFRAP) consists of hazardous waste sites that have no further remedial action planned; only basic identifying information is provided for archive sites. The sites found in the Archive database were originally in the CERCLIS database, but were removed beginning in the fall of 1995. NPL sites (available online) are fact sheets that describe the location and history of Superfund sites. Included are descriptions of the most recent activities and past actions at the sites that have contributed to the contamination. Population estimates, land usages, and nearby resources give background on the local setting surrounding a site.

Keywords: \*Data file, \*Superfund, \*Hazardous materials, \*Waste management, \*Site characterization, Pollution control, Public relations, Public information, Information dissemination, Communities, Remedial action, Waste management, Site surveys, Standards compliance, Program management, Data bases, CD-ROM, Records of Decision, Explanation of Significant Difference, NPL(National Priorities List), NFRAP(No Further Remedial Action Planned), CERCLIS(Comprehensive Environmental Response Compensation and Liability Information System).

**PB98-502388REB** CP D01  
Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). Data file.  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.  
Jan 98, 1 diskette, EPA/744/C-98/003.  
This product contains text only. Customers must provide their own search and retrieval software. The Revised Inventory Synonym and Preferred Name File is also available. Supersedes PB97-503189, PB97-501449, PB96-503248, PB96-501267, and PB98-500572.

The datafile is on one 3 1/2 inch DOS diskette, 1.44M high density. File format: ASCII text. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. cus-

tomers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The PMN Number to EPA Accession Number Link Diskette provides a cross-reference of these numbers for commended PMNs on the confidential portion of the TSCA Master Inventory File. Neither this cross-reference nor the additional information included is TSCA Confidential Business Information. Provided on the diskette for each confidential commended PMN are the PMN Case Number, EPA Accession Number, Generic Name, and EPA special flags. The sequence of the file is in ascending PMN case Number order with "P" case numbers sorted first, followed by "Y" case numbers.

Keywords: \*Data file, \*Chemical compounds, \*Toxic Substances Control Act, Nomenclature, Molecular structure, Inventories, Magnetic tapes, \*Chemical Substances Inventory, CAS Registry Number, Molecular formula.

**PB98-502404REB** Mag Tape \$454.00  
Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM). Data file.  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.  
Jun 98, magnetic tape, EPA/744/C-98/001.  
File format: EBCDIC. Supersedes PB97-503205, PB97-501456, PB96-503222, PB96-501333, and PB98-500556.  
Ordering information for each format: (A) CD-ROM searchable database, order no. SUB-5423, \$288; or (B) ASCII text file of raw data, 3 1/2 inch HD DK, order no. PB98-502412, \$161; or (C) Datafile on magnetic tape, order no. PB98-502404, \$454. Prices outside the U.S., Canada, and Mexico are double. Available in 9-track, EBCDIC character set tape. DOS DK, 1.44M HD. File format: ASCII text.

The TSCA Chemical Substance Inventory provides chemical identity information for the 63,557 non-confidential substances on the TSCA Master Inventory File. The datafile contains no TSCA Confidential Business Information. New versions of the TSCA Inventory are issued at approximately six month intervals. The data provided for each chemical substance include the CAS Registry Number, Preferred CA Index Name, molecular formula, and other appropriate information, such as valid chemical names reported by submitters. The entries are in ascending CAS Registry Number order.

Keywords: \*Data file, \*Chemical compounds, \*Toxic Substances Control Act, Nomenclature, Molecular structure, Inventories, Magnetic tapes, \*Chemical Substances Inventory, CAS Registry Number, Molecular formula.

**PB98-502412REB** Diskette \$161.00  
Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). Data file.  
Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics.  
Jun 98, 3 diskettes, EPA/744/C-98/002.

This product contains text only. Customers must provide their own search and retrieval software. Files are compressed. Supersedes PB97-503163, PB97-501431, PB96-503230, PB95-503116, PB95-505400, and PB98-500654.

Ordering information for each format: (A) CD-ROM searchable database, order no. SUB-5423, \$288; or (B) ASCII text file of raw data, 3 1/2 inch HD DK, order no. PB98-502412, \$161; or (C) Datafile on magnetic tape, order no. PB98-502404, \$454. Prices outside the U.S., Canada, and Mexico are double. The datafile is on three 3 1/2 inch DOS DK, 1.44M HD. File format: ASCII text.

The TSCA Chemical Substance Inventory provides chemical identity information for the 63,557 non-confidential substances on the TSCA Master Inventory File. The datafile contains no TSCA Confidential Business Information. New versions of the TSCA Inventory are issued at approximately six month intervals. The data provided for each chemical substance include the CAS Registry Number, Preferred CA Index Name, molecular formula, and other appropriate information, such as valid chemical names reported by submitters.



# EPA PUBLICATIONS BIBLIOGRAPHY

The entries are in ascending CAS Registry Number order.

**Keywords:** "Data file," "Chemical compounds," "Toxic Substances Control Act," "Nomenclature," "Molecular structure," "Inventories," "Magnetic tapes," "Chemical Substances Inventory," "CAS Registry Number," "Molecular formula."

**PB98-502453REB** CP D02  
**Site Enforcement Tracking System (SETS) (National) (on Diskette).** Data file.  
Environmental Protection Agency, Washington, DC. Office of Waste Programs Enforcement.  
Nov 97, 2 diskettes.  
Supersedes SUB-5178 and SUB-5179.  
The datafile is on two 3 1/2 inch DOS diskettes, 1.44M high density. File format: ASCII. Memory: 640K. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

When expending Superfund monies at a CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) site, EPA must conduct a search to identify parties with potential financial responsibility for remediation of uncontrolled hazardous waste sites. EPA regional Superfund Waste Management Staff issue a notice letter to the potentially responsible party (PRP). Data from this notice letter is used to form the Site Enforcement Tracking System (SETS). This data includes PRP name and address, a company contact person, the date the notice was issued, and the related CERCLA site name and identification number. SETS was created by EPA to track PRP identification at both NPL (National Priority List) and non-NPL sites. SETS does not address the range of other administrative duties related to tracking the PRP. These lists represent EPA's preliminary findings on the identities of PRPs. Inclusion on these lists does not constitute a final determination concerning the liability of any party for the hazard or contamination at any CERCLA site.

**Keywords:** "Data file," "Hazardous materials," "Superfund," "Remedial action," "Regional analysis," "Waste management," "United States," "Site characterization," "Responsibility," "Listings," "Diskettes," "Site Enforcement Tracking System," "Potentially responsible parties," "National Priority List."

**PB98-502511REB** Diskette \$116.00  
**RCRA Permit Policy Compendium, September 1993 Update (on Diskette).** Data file.  
Environmental Protection Agency, Washington, DC. Office of Solid Waste and Emergency Response.  
Sep 93, 2 diskettes.  
This product contains text only. Customers must provide their own search and retrieval software. See also PB94-100252.  
The datafile is on two 3 1/2 inch diskettes, 1.4M high density. File format: dBase III. Documentation included; may be ordered separately as PB94-100252. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The report is an update package for insertion into the RCRA permit policy compendium. The user's guide and keyword index volume is replaced; instructions for inserting new and revised documents are included.

**Keywords:** "Pollution regulations," "Hazardous materials," "Waste management," "Data file," "Waste disposal," "Remediation," "Pollution control," "Administrative procedures," "Permits," "Environmental policy," "Government policies," "Standards compliance," "Law enforcement," "Revisions," "Planning," "Ranking," "Diskettes," "RCRA (Resource Conservation and Recovery Act)," "Resource Conservation and Recovery Act, Updates."

**PB98-502552REB** CP D01  
**Spreadsheet Model for Preparing Automotive Exhaust Surrogates (SMPAES) (on Diskette).** Model-Simulation.  
Environmental Protection Agency, Washington, DC. Office of Research and Development.  
Jun 97, 1 diskette.  
Operating system: Windows 3.1, Windows 95; Formats: Lotus 1-2-3, version 2.01-4.0; Excel v.5.

The software is on one 3 1/2 inch diskette, 1.44M high density. Documentation (PB98-150634) included; not available separately. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)605-6900; and email at [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

The product consists of three related macro-driven Lotus 1-2-3 spreadsheet programs and demo data for calculating the composition of a mixture that when added to the fuel produces a combined mixture (surrogate) that has a compositional profile and Carter MIR specific reactivity almost equivalent to that of automotive exhaust. Required inputs are speciated hydrocarbon data and oxygenate (alcohols and ethers) for the fuel and speciated hydrocarbon, oxygenate, carbonyl (aldehydes and ketones) and carbon monoxide data for the exhaust. The program compares the composition of the exhaust and the fuel, identifies and calculates the amount of exhaust components that should be added to the fuel so that the resulting mixture would closely approximate the characteristics of a real exhaust. The rationale for this approach is that the complexity of the exhaust mixture results mainly from the fuel (i.e., combustion derived components are relatively small in number). The compositional and reactivity profiles of the exhaust can be readily approximated by the addition of less than 20 combustion identified exhaust components to the fuel.

**Keywords:** "Models-simulation," "Software," "Automobile exhaust," "Combustion products," "Exhaust emission reactivity," "Hydrocarbons," "Carbon monoxide," "Mixtures," "Automotive fuels," "Exhaust composition," "Chemical reactivity," "Vehicle air pollution," "Diskettes," "Spreadsheets."

**PB98-963201REB** PC A18/MF A03  
**Superfund/Oil Program Implementation Manual Fiscal Year 99/00.**  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
1 Jul 98, 380p, EPA/540/R-98/001, OSWER-9200.3-14-1E-P.  
See also PB96-963241 and PB97-963219.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

The information in this Manual is targeted to Information Management Coordinators (IMCs), Remedial Project Managers (RPMs), and On-Scene Coordinators (OSCs), and Regional Counsels. Its primary purpose is to provide guidance to this audience on management of the Superfund program. The FY 1999 Superfund Program Implementation Manual contains information on: Managers' Schedule of Significant Events; Program goals and priorities; Program planning and reporting requirements; and Financial management. In addition, the appendices at the end of the manual contain pipeline specific planning and reporting definitions; Appendix A presents measure definitions for Site Screening and Assessment and Regional Decisions; Appendix B provides measure definitions for Early and Long Term Actions; Appendix C presents measure definitions for Enforcement; Appendix D contains program priorities and measure definitions for Federal Facilities; Appendix E provides information on Superfund Information Systems; Appendix F contains program priorities, measures, definitions, planning and reporting requirements, and financial information for the Oil Program; and Appendix G contains Superfund Reforms Measures of Success; Appendix H contains Government Performance and Results Act (GPRA) objectives, subobjectives and reporting measures; Appendix J contains measure definitions for Community Involvement.

**Keywords:** "Superfund," "Oil pollution," "US EPA," "Program administration," "Implementation," "Hazardous materials," "Waste management," "Pollution control," "Remediation," "Planning," "Reporting," "Scheduling," "Enforcement," "Funding," "Administrative procedures," "Program management," "Sites," "Interagency coordination," "Communities," "Citizen participation," "Goals," "Priorities," "Manuals," "Cleanup," "Potentially responsible parties."

**PB98-963221REB** PC A09/MF A02  
**Plan to Enhance the Role of States and Tribes in the Superfund Program.**  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.

Mar 98, 160p, EPA/540/R-98/012, OSWER-9375.3-03P.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

This document presents EPA's recommendation for enhancing the roles of states and federally-recognized Indian tribes in implementing the Superfund program. The agency collaborated with states and tribes in working sessions, during which the parties developed 'consensus-based' recommendations for final approval by upper-level EPA, state, and tribal managers. Through this document, EPA proposes an integrated process for implementing the recommendations to enhance state and tribal roles, and suggests ways the process could begin under a national pilot program. This document is for state, tribal, and EPA regional audiences, and it identifies steps that EPA could take to build stronger partnerships with states and tribes.

**Keywords:** "States (United States)," "Citizen participation," "Community relations," "Superfund," "American Indians," "Program management," "US EPA," "Intergovernmental relationships," "Technical assistance," "State government," "Implementation," "Recommendations," "Involvement," "Hazardous materials," "Waste management," "Remediation," "Pollution control," "Cleanup operations."

**PB98-963244REB** PC A03/MF A01  
**Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. Directive.**  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
27 Aug 98, 14p, EPA/540/F-98/030, OSWER-9200.4-27P.  
See also PB94-963282.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

This directive clarifies the existing 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities, OSWER Directive 9355.4-12. Specifically, this directive clarifies OSWER's policy on (1) using EPA's Science Advisory Board (SAB) reviewed Integrated Exposure Uptake Biokinetic Model (IEUBK) and blood lead studies, (2) determining the geographic area to use in evaluating human exposure to lead contamination ('exposure units'), (3) addressing multimedia lead contamination and (4) determining appropriate response actions at lead sites. The purpose for clarifying the existing 1994 directive is to promote national consistency in decision-making at CERCLA and RCRA lead sites across the country.

**Keywords:** "Superfund," "Lead (Metal)," "Soil contamination," "Pollution sampling," "Land pollution control," "Screening," "Remedial action," "Site characterization," "Hazardous materials," "Pollution regulations," "RCRA (Resource Conservation and Recovery Act)," "CERCLA (Comprehensive Environmental Response Compensation and Liability Act)."

**PB98-963251REB** PC A99/MF A06  
**Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual.**  
Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.  
Jul 98, 620p, EPA 540-R-98-036, OSWER-9285.9-33.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

This course is intended for U.S. Environmental Protection Agency (EPA) On-Scene Coordinators and Remedial Project Managers, as well as other personnel who are responsible for evaluating risk using air modeling strategies and air monitoring and sampling. Case studies, demonstrations, group discussions, and lectures will help prepare participants to: define air impact assessment objectives; evaluate air monitoring, air sampling, and air modeling data to develop an air impact assessment; define air impact assessment assumptions given specific site conditions and operations; implement appropriate quality assurance and quality control when developing an air impact assessment; develop air impact assessment work plans for hazardous waste sites; and implement air impact assessment work plans for hazardous waste sites.

**Keywords:** "Hazardous materials, "Environmental impact assessments, "Air sampling, "Occupational safety and health, "Training manuals, Air monitoring, Risk assessments, US EPA, Design, Site characterization, Mathematical models, Education.

**PB98-963259REB** PC A02/MF A01  
Office of Solid Waste and Emergency Response  
Procedures for Contract Laboratory Program Investigations. Directive.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
8 Nov 95, 8p, EPA/540/F-98/042, OSWER-9240.0-29P.

Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

This memorandum restates for Superfund program offices existing Office of Solid Waste and Emergency Response (OSWER) procedures and program responsibilities during investigations of Contract Laboratory Program (CLP) laboratories and/or laboratory employees by the Office of Inspector General (OIG) for alleged fraud or other corrupt practices. Potential OSWER actions during any subsequent criminal, civil or administrative actions are also discussed.

**Keywords:** Procedures, Investigations, Programs, Responsibilities, Fraud, Corruption, "Contract Laboratory Program (CLP), "Office of Inspector General (OIG), Office of Solid Waste and Emergency Response (OSWER).

**PB98-963280REB** PC A03/MF A01  
Brownfields Economic Redevelopment Initiative:  
Proposal Guidelines for Brownfields Job Training  
and Development Demonstration Pilots.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Mar 98, 18p, EPA 500-98-142, OSWER-9230.0-8.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

The brownfields environmental job training and development pilots will each be funded up to \$200,000 over two years. These funds are to be used to bring together community groups, job training organizations, educators, investors, lenders, developers, and other affected parties to address the issue of providing training for residents in communities impacted by brownfields. The goals of the pilots are to facilitate cleanup of brownfields sites contaminated with hazardous substances and prepare the trainees for future employment in the environmental field. EPA expects to select approximately 10 Brownfields Environmental Job Training and Development pilots by the end of July 1998. Pilot applicants must be located within or near one of the 121 pre-1998 brownfields assessment pilot communities. Colleges, universities, non-profit training centers, community job training organizations, states, cities, towns, counties, U.S. Territories, and Federally recognized Indian Tribes are eligible to apply for the funds. EPA welcomes and encourages applications from coalitions of such entities, but a single eligible entity must be identified as the legal recipient.

**Keywords:** "Urban development, "Abandoned sites, "Job training, Hazardous materials, Waste management, Remediation, Pollution control, Superfund, Training manuals, "Brownfields Redevelopment Program, RCRA (Resource Conservation and Recovery Act), EPCRA (Emergency Planning and Community Right-to-Know Act).

**PB98-963307REB** PC A06/MF A01  
Quality Assurance Guidance for Conducting  
Brownfields Site Assessments.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
Sep 98, 78p, EPA 540-R-98-038, OSWER-9230.0-83P.  
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This guidance document serves to inform Brownfields site managers of important quality assurance concepts and issues, and provides a road map for identifying the

type and quality of environmental data needed to present a clear picture of the site's environmental conditions.

**Keywords:** "Site characterization, "Quality assurance, Urban renewal, Reuse, Economically depressed areas, Blighted areas, Contamination, Risk assessment, Quality control, "Brownfields Redevelopment Program, Data quality objectives.

**PB98-963401REB** PC A01/MF A01  
Concurrence Policy for Mercury Removals.  
Environmental Protection Agency, Washington, DC.  
Office of Emergency and Remedial Response.  
5 Dec 98, 4p, EPA/541/F-98/019, OSWER-9360.1-05.  
Paper copy available as an ongoing subscription, credit card payment accepted. Single copies also available in paper copy or microfiche. Product reproduced from digital image.

The purpose of this memorandum is to modify the Headquarters concurrence requirements for removal actions addressing certain residential mercury contamination. It anticipated that most future mercury removals will continue to consist of individualized, small scale actions (such as those related to mercury theft and transport to the home from school buildings). Today's policy should be used in these instances. Larger-scale or unique mercury removal actions or mercury removal actions with the potential to substantially impact Regional or national budgets for removal should continue to follow the previous, formal concurrence processes.

**Keywords:** "Mercury, "Concurrence policy, "Removal actions, Residential contamination, Budgets.

**AD-A346 913/7REB** PC A06/MF A01  
Human Health Risk Assessment Research Strategy. External Review Draft. Draft rept.  
Environmental Protection Agency, Washington, DC.  
Office of Research and Development.  
V. Dellarco, H. Gibb, S. McMaster, J. Orme-Zavaleta, and D. Pahl. Feb 98, 86p.  
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This document describes the direction in which the Office of Research and Development (ORD) human health risk assessment research program is expected to evolve over the next several years. The ORD research planning process involves a series of steps designed to identify, verify, and document research priorities. This research strategy represents a step in this process; it is both an elaboration of the description of ORD's human health risk assessment research program contained in the ORD Strategic Plan and an outline for development of the more specific laboratory/center implementation plans. This document describes ORD's human health research program that addresses key uncertainties in human health risk assessment. This research strategy is an attempt to build consensus for a focused, integrated research agenda that will strengthen the scientific foundation for future risk assessments.

**Keywords:** "Management planning and control, "Medical research, "Public health, "Health care management, "Risk analysis, Decision making, Strategy, Humans, Data acquisition, External, Research management.

**ADA350501REB** PC A02/MF A01  
Development of a New Generation of Small Scale  
Biomass-Fueled Electric Generating Power Plants.  
Technical rept. 21-24 Aug 95.  
Environmental Protection Agency, Research Triangle Park, NC.

J. D. Criag, and C. R. Purvis. Aug 95, 10p.  
Prepared in collaboration with Cratch, Inc., Tahoka, TX.  
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There exists a need by a large worldwide market for greatly improved small scale (1 to 20 MWe per unit)

biomass-fueled power plants. These power plants will significantly increase the efficiency of generating electric power from wood and bagasse as well as convert non-traditional fuel sources such as rice hulls, animal manure, cotton gin trash, straws, and grasses to electricity. Advancing the technology of biomass-fueled power plants will greatly expand the use of this environmentally friendly sustainable 24 hr-per-day source of electrical power for industry and communities worldwide. This paper briefly describes the status of a biomass-fueled power plant under development by Cratch, Inc.

**Keywords:** "Electric power plants, "Biomass conversion, Global, Industries, Marketing, Communities, Efficiency, Fuels, Electricity, Solid wastes.

**ADA350530REB** PC A01/MF A01  
Remediation Using Plants and Plant Enzymes: A Progress Report. Progress rept.  
Environmental Protection Agency, Research Triangle Park, NC. Office of Research and Development.  
Apr 95, 3p.  
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Sediments have been shown to contain active enzymes that can degrade nitroaromatic compounds such as TNT or chlorinated solvents such as TCE. Five classes of proteins have been isolated and partially characterized. Three of the classes of proteins have been used for the production of monoclonal antibodies to determine the possible sources of these proteins. In every case, the sources are plants growing near the sediment. The use of plants for remediation of hazardous materials such as TNT or other munitions like RDX and HMX has led to a new approach to remediation—phytoremediation. Investigators have developed a field test to indicate which locally grown plants can be used at each contaminated site.

**Keywords:** "Enzymes, "Biodegradation, Proteins, Solvents, Aromatic compounds, Contamination, Monoclonal antibodies, Waste recycling, Chlorination, Sediments, Rdx, Tnt, Hazardous materials, Plants (Botany), Enzyme chemistry, Nitrogen compounds, Biomass conversion, Hmx, Phytoremediation, Nitroaromatic compounds.

**ADA350763REB** PC A01/MF A01  
Tracers Detect Aquifer Contamination.  
National Risk Management Research Lab., Ada, OK.  
C. Enfield. Jul 95, 5p.  
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The EPA's National Laboratory (NRMRL) at Ada, OK, along with the University of Florida and the University of Texas, have developed a tracer procedure to detect the amount of contamination in aquifer formations. The tracer procedure has been successfully applied in a highly controlled field experiment in a contaminated cobbly, sandy gravel aquifer at Hill Air Force Base in Layton, UT. the tracer procedure should substantially improve our ability to remediate aquifers and is an improvement over the traditional reliance upon water samples from monitoring wells and core samples.

**Keywords:** "Detection, "Aquifers, "Contamination, "Tracer studies, Monitoring, Water, Field tests, Gravel, Sand, Water pollution, Sampling, Labeled substances, Water wells, Core sampling, EPA (Environmental protection agency), Aquifer remediation, Hydraulic gradient.

**ADA351092REB** PC A01/MF A01  
Biochemical Remediation Using Plant Enzymes.  
and .  
Environmental Research Lab., Athens, GA.  
N. L. Wolfe. Jun 94, 5p, EPA/600/R-94/092.  
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The transformation of trinitrotoluene (TNT) to environmentally acceptable compounds is achieved through a lab-developed process that uses common aquatic weeds containing a nitroreductase enzyme. This research breakthrough provides an efficient and inexpensive technology for the cleanup of soils contaminated with munitions waste at military installations and other sites.

Keywords: \*Enzymes, \*Tnt, \*Soil remediation, Military facilities, Munitions industry, Aquatic weeds, Trinitrotoluene, Nitroreductase.

**NUREG-1634REB** PC A05/MF A01  
**Lost Source Exercise 1997: An Exercise of Radiological Response through Cooperation and Coordination of Local, State and Federal Agency Resources under the National Contingency Plan.** Technical rept.

Nuclear Regulatory Commission, Washington, DC. Office for Analysis and Evaluation of Operational Data. B. Belanger, B. Steuteville, D. Chawaga, and E. Weinstein. Aug 98, 56p.

Also pub. as Environmental Protection Agency, Philadelphia, PA. Region III rept. no. EPA/903/K-98/002. Prepared in cooperation with Environmental Protection Agency, Philadelphia, PA. Region III.

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The report describes an exercise that demonstrated an emergency response and source recovery operation involving the private sector, county government and state government, utilizing federal assistance from multiple federal agencies. The federal assistance was provided under the National contingency Plan (NCP) using the notification and communications procedures as described in the Federal Radiological Emergency Response Plan (FRERP). The FRERP identifies the EPA as the Lead Federal Agency (LFA) under certain circumstances. These circumstances include events where radioactive materials licensed by the NRC are involved but the identity of the licensee is unknown. This designation from the FRERP was used as a model in this simulated NCP response. The report shows how such a response would be conducted, and may be useful for training in emergency response and as a blueprint for future exercises of similar nature.

Keywords: \*Emergency planning, \*Radioactive materials, \*State planning, Emergency preparedness, Coordination, Emergencies, Training, Local planning, Interagency coordination, Interagency cooperation, Procedures, Radiation protection, Health physics, \*Lost Source Exercise, Emergency response, FRERP(Federal Radiological Emergency Response Plan).

#### SUB-5197REB

Contact NTIS for subscription information and price.

**Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM).** (Reannouncement with new format and pricing information). Data file.

Environmental Protection Agency, Washington, DC. Office of Enforcement. May 97, 1 CD-ROM.

The hard drive requirements are: 3 MB for the Civil Docket and 2.4 MB for the Administrative Docket. File format: ASCII delimited. Supersedes PB91-591970. Available on subscription for \$200; price outside U.S., Canada, and Mexico is \$400. Issued quarterly. Single issues also available, price \$60; outside the U.S., Canada, and Mexico \$120. The datafile is on one disc.

This subscription contains both EPA's civil and administrative enforcement docket. The Civil Enforcement Docket is the U.S. Environmental Protection Agency's system for tracking judicial cases filed on the Agency's behalf by the Department of Justice. This docket contains information on civil cases filed from 1972 to the present. The Administrative Docket contains the issued administrative orders and complaints. Note that not all EPA administrative actions are included in the docket. The Enforcement Docket includes case name; case number; law; section of the law; type case; defendant; date issued; date of final order; assessed Federal penalty; cost recovery awarded; result code; violation; pollutant; EPA ID number; city, state, and zip code.

Keywords: \*Data file, \*Law(Jurisprudence), \*Environmental offenses, Judicial decisions, Enforcement, Regulations, Tracking, Diskettes, \*Environmental Protection Agency, \*Cases.

#### SUB-5423REB

Contact NTIS for subscription information and price.

**Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM).** Database.

Environmental Protection Agency, Washington, DC. Office of Pollution, Prevention, and Toxics. Jun 98, 1 CD-ROM.

Contains search and retrieval software. Data format: ISO 9660. Windows version requires 386 or greater processor with 4 MB RAM and Windows 3.1 or greater. Mac version requires 68020 processor or greater with 2 MB RAM and System 7.0 or greater. \*Adobe Acrobat Reader with Search for CD\* software is provided. Supersedes PB97-503197, PB97-501423 and PB97-502596.

The datafile is on one disc. Ordering information for each format: (A) CD-ROM Searchable database on subscription (two issues), order number SUB-5423, \$288; or (B) ASCII text file of raw data, 3 1/2 inch HD diskette, order number PB98-502412, \$161; or (C) Datafile on magnetic tape, order number PB98-502404, \$454. Prices outside the U.S., Canada, and Mexico are double.

The TSCA CD-ROM assists in identifying chemical substances and cross-referencing to their regulatory names to help companies comply with Community Right To Know requirements, SARA reporting and OSHA. This easy-to-use CD-ROM lists the latest public information on more than 62,000 chemicals or chemical substances manufactured or imported into the U.S. for commercial purposes as defined under the Toxic Substances Control Act (TSCA). The TSCA Chemical Substances Inventory provides a link between chemicals in the workplace and regulatory requirements. The data provided includes the Chemical Abstracts Service (CAS) Registry Number, Preferred CA Index Name, molecular formula, and the chemical names reported by the submitters of the data. It also contains EPA codes to identify those substances that are either subject of an EPA rule or order promulgated under TSCA or that are exempt from TSCA inventory update rule reporting, as well as, the Preferred Chemical Abstracts Index Name, CERCLA RC, RCRA code and more. Two other files are provided: the 'Premanufacture Notification (PMN) Number to EPA Accession Number Link' file as well as SARA Title III Consolidated Chemical List data. The TITLE III (SARA AND CLEAN AIR ACT AMENDMENTS) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List' includes chemicals subject to reporting requirements under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), also known as the Emergency Planning and Community Right-to-Know Act (EPCRA), and chemicals listed under section 112(r) of Title III of the Clean Air Act (CAA) Amendments of 1990. This consolidated list has been prepared to help firms handling chemicals determine whether they need to submit reports under sections 302, 304, or 313 of SARA Title III (EPCRA) and, for a specific chemical, what reports may need to be submitted. It will also help firms determine whether they will be subject to accident prevention regulations under CAA section 112(r). Separate lists are also provided of Resource Conservation and Recovery Act (RCRA) waste streams and unlisted hazardous wastes, and of radionuclides reportable under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). These lists should be used as a reference tool, not as a definitive source of compliance information. The CD-ROM provides an easy, electronic lookup to identify chemical substances and also assists in identifying chemical substances and cross-referencing to their regulatory names. It has an intuitive interface for search, display and output using Adobe Acrobat CD search software: (1) Search on Chemical Abstracts Service (CAS) name, CAS number, common name, molecular formula or the chemical names re-reported by the submitters of the data. (2) Print or cut and paste into a word processor information of interest.

Keywords: \*Data file, \*Chemical compounds, \*Toxic Substances Control Act, Nomenclature, Molecular structure, Inventories, Data bases, CD-ROM, \*Chemical substances inventory, CAS Registry Number, Molecular formula, SARA(Superfund Amendments and Reauthorization Act).

# TITLE INDEX

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NTIS Order Number/Media Code Price Codes	PB94-100443/REB                      PC A10/MF A03



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- ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette). PB98-500416REB 98-01 Diskette \$50.00
- Abstracts of Remediation Case Studies. Volume 2. PB97-177570REB 98-01 PC A05/MF A01
- Acetonitrile Field Test. PB98-133143REB 98-03 PC A17/MF A03
- Acid Rain Hourly Emissions Data (Raw Data Only) (on CD-ROM). SUB-5431REB 98-03 Subscription
- Acute and Chronic Toxicity of Copper to the Estuarine Copepod *Eurytemora affinis*. PB98-126055REB 98-02 PC A04/MF A01
- Addendum to the 'Interim CERCLA Settlement Policy' issued on December 5, 1984. PB98-103138REB 98-01 PC A02/MF A01
- Adduction of Nitroaromatic Compounds with Blood Proteins and DNA as Biological Markers of Exposure. AD-A329 2422REB 98-01 PC A07/MF A02
- Advanced Techniques for Evaluating Eulerian Air Quality Models: Background and Methodology. PB98-116304REB 98-02 PC A03/MF A01
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- Advisory on the Need to Develop Ecological Risk Management Guidelines. PB98-104763REB 98-01 PC A02/MF A01
- Aerosol Filtration Efficiency of In-Duct Air Cleaners. PB98-155153REB 98-04 PC A03/MF A01
- Aggregation Using Cluster Analyses for Models-3 CMAQ Applications. PB98-116478REB 98-02 PC A02/MF A01
- Air CHIEF, Version 5.0 (on CD-ROM). PB98-500622REB 98-02 CD-ROM CP D01
- Air Concentrations and Inhalation Exposure to Pesticides in the Agricultural Health Pilot Study. PB97-198109REB 98-01 PC A06/MF A01
- Air Emissions from Scrap Tire Combustion. PB98-111701REB 98-01 PC A07/MF A02
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- Air Exchange Rate Measurements in an IAQ Test House. PB98-151749REB 98-04 PC A03/MF A01
- Air Pollution and Air Toxics-U.S. Regulatory Framework and Control Technologies. PB98-145550REB 98-03 PC A03/MF A01
- Air Pollution Control Technologies. Chapter 65. PB98-147242REB 98-03 PC A03/MF A01
- Air Pollution Operating Permit Program Update. Key Features and Benefits. PB98-132798REB 98-03 PC A03/MF A01
- Air Pollution Prevention and Control Division's Program within U.S. EPA's Office of Research and Development. PB98-173446REB 98-04 PC A03/MF A01
- Air Quality Evaluation of Rhode Island's Incident Management Program. PB98-135700REB 98-03 PC A04/MF A01
- Alaska Placer Mining Metals Study. PB98-145998REB 98-03 PC A13/MF A03
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- Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules. PB98-144736REB 98-03 PC A03/MF A01
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PB98-153158REB 98-04 PC A11

National Air Quality and Emissions Trends Report, 1996.  
PB98-135155REB 98-03 PC A09

National Assessment of Environmental and Economic Benefits from Methane Control and Utilization Technologies at U.S. Underground Coal Mines.  
PB98-118144REB 98-02 PC A09/MF A02

National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.  
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National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
PB98-148273REB 98-04 PC A15/MF A03

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National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum.  
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National Public Water System Supervision Program: FY96 Compliance Report.  
PB98-147358REB 98-03 PC A05/MF A01

National Radon Proficiency Program: Guidance on Quality Assurance.  
PB98-123060REB 98-02 PC A08/MF A02

National Remedy Review Board. Progress Report: Fiscal Year 1997.  
PB97-663250REB 98-02 PC A08/MF A02

National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996.  
PB98-153141REB 98-04 PC A17/MF A03

National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997.  
PB98-109150REB 98-01 PC A20/MF A04

National Strategy for the Development of Regional Nutrient Criteria.  
PB98-163017REB 98-04 PC A05/MF A01

NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02

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PB98-151517REB 98-04 PC A03/MF A01

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Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03

Northwest Forest Plan Research Database. Users Guide.  
PB98-109366REB 98-01 PC A06/MF A01

Novel, Whole-Field, Non-Intrusive Diagnostic Technique for Improvement of Indoor Air Quality.  
PB98-151673REB 98-04 PC A03/MF A01

Office of Pesticide Programs Annual Report for 1996.  
PB98-102338REB 98-01 PC A05/MF A01

Office of Solid Waste and Emergency Response Procedures for Contract Laboratory Program Investigations.  
PB98-963259REB 98-04 PC A02/MF A01

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PB98-135809REB 98-03 PC A02/MF A01

Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers).  
SUB-5252REB 98-02 Subscription

Personal Computer Guide for Businesses in the Metal Parts Coating Industry.  
PB98-147168REB 98-03 PC A03/MF A01

Personal Computer Monitors: A Screening Evaluation of Volatile Organic Emissions from Existing Printed Circuit Board Laminates and Potential Pollution Prevention Alternatives.  
PB98-137102REB 98-03 PC A06/MF A01

Pesticide Data Submitters List (March 31, 1998).  
PB98-127988REB 98-02 PC A99/MF E08

Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for its Production in Corn.  
PB98-166556REB 98-04 PC A03/MF A01

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PB98-166523REB 98-04 PC A03/MF A01

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PB98-166549REB 98-04 PC A04/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' Subspecies 'kurstaki' CryIA(c) delta-Endotoxin and the Genetic Material Necessary for its Production in Corn.  
PB98-166531REB 98-04 PC A03/MF A01

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PB98-133127REB 98-03 PC A03/MF A01

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PB98-165202REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.  
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Pesticide Product Label System (PPLS) (on CD-ROM).  
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- SAB Report: Review of the Surface Impoundments Study (SIS) Plan. Review of the Office of Solid Waste's Proposed Surface Impoundment Study by the Environmental Engineering Committee. PB98-169303REB 98-04 PC A04/MF A01
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- Sampling and Analysis of VOCs for Indoor Air Source Characterization. PB98-151640REB 98-04 PC A03/MF A01
- Sampling and Analytical Strategies for Organic Emissions Testing of Wet Sources in Small Chambers. PB98-151657REB 98-04 PC A03/MF A01
- Sanitary Sewer Overflow Workshop. Held in Washington, DC, on April 26-28, 1995. PB98-169972REB 98-04 PC A11/MF A03
- Science Features in Models-3 Community Multiscale Air Quality System. PB98-116502REB 98-02 PC A03/MF A01
- Science Policy Council Handbook: Peer Review. PB98-140726REB 98-03 PC A08/MF A02
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- Second Supplemental Five-Year Review Guidance. PB98-963204REB 98-01 PC A02/MF A01
- Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC, on April 24-26, 1995. PB98-151343REB 98-04 PC A99/MF A06

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Site Characterization for Subsurface Remediation. Seminar Publication.  
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Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

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PB98-161185REB 98-04 PC A06/MF A01

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Small Scale Biomass Fueled Gas Turbine Engine.  
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Standard Method of Test for Gamma Spectrometry of Water. ASTM-D-2459-72.  
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Superfund Record of Decision (EPA Region 10): East Multnomah County Groundwater Contamination, Operable Unit 2, Multnomah County, OR, December 31, 1996. PB97-964611REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): East Multnomah County Groundwater Contamination, Operable Unit 1, Multnomah County, OR, December 31, 1996. PB97-964610REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Elmendorf Air Force Base, Operable Unit 3, Greater Anchorage Borough, AK, December 5, 1996. PB97-964606REB 98-04 PC A05/MF A01

Superfund Record of Decision (EPA Region 10): Elmendorf Air Force Base, Operable Unit 6 and Source Area SS 19, Greater Anchorage Borough, AK, December 4, 1996. PB97-964607REB 98-04 PC A12/MF A03

Superfund Record of Decision (EPA Region 10): Fort Richardson (US Army), Operable Units A and B, Anchorage, AK, September 15, 1997. PB97-964614REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 1, Fairbanks North Star Borough, AK, June 27, 1997. PB97-964606REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK, March 31, 1997. PB97-964609REB 98-04 PC A10/MF A03

Superfund Record of Decision (EPA Region 10): Hanford Site - 100 Area (USDOE) 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Benton County, WA, April 4, 1997. PB97-963127REB 98-04 PC A04/MF A01

Superfund Record of Decision (EPA Region 10): Hanford 200 Area (USDOE), (200-UP-1 Operable Unit), Benton County, WA, February 11, 1997. PB97-964604REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 10): Harbor Island (Lead), The Shipyard Sediment Operable Unit, Seattle, WA, November 27, 1996. PB97-964601REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 10): Monsanto Chemical Co. (Soda Springs), Soda Springs, ID, April 30, 1997. PB97-964605REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Old Navy Dump Manchester Laboratory (USEPA/NOAA), Manchester, WA, September 30, 1997. PB97-964613REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit A) (aka: Bremerton Naval Complex), Bremerton, WA, January 24, 1997. PB97-964602REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit NSC) (aka: Bremerton Naval Complex), Bremerton, WA, December 13, 1996. PB97-964603REB 98-04 PC A07/MF A02

Superfund Record of Decision Amendment (EPA Region 2): Haviland Complex Town of Hyde Park, NY, August 1, 1997. PB97-963149REB 98-03 PC A07/MF A02

Superfund Record of Decision Amendment (EPA Region 2): Preferred Plating Corp., Farmingdale, NY, September 30, 1997. PB97-963131REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 1): Davis Gloucester-Smithfield Regional (GSF) Landfill Site, Gloucester-Smithfield, RI, September 29, 1997. PB97-963703REB 98-03 PC A10/MF A02

Superfund Record of Decision (EPA Region 1): Davisville Naval Construction Battalion Center, Site 08, North Kingsdown, RI, September 29, 1997. PB97-963704REB 98-03 PC A15/MF A03

Superfund Record of Decision (EPA Region 1): Fort Devens (Area of Contamination 63AX), Fort Devens, MA, September 29, 1997. PB97-963706REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 1): Fort Devens (Area of Contamination 43G and 43J), Fort Devens, MA, October 17, 1996. PB97-963705REB 98-03 PC A10/MF A02

Superfund Record of Decision (EPA Region 1): New London Submarine Base, New London, CT, September 18, 1997. PB97-963709REB 98-03 PC A03/MF A01

Superfund Record of Decision (EPA Region 1): Pease Air Force Base Brooks/Ditches Operable Unit, Portsmouth, NH, September 30, 1997. PB97-963710REB 98-04 PC A13/MF A03

Superfund Record of Decision (EPA Region 2): Global Sanitary Landfill Operable Unit 2, Old Bridge Township, NJ, September 29, 1997. PB97-963812REB 98-03 PC A07/MF A02

Superfund Reforms Annual Report FY 1997. PB98-963218REB 98-02 PC A06/MF A01

Superfund Removal Procedures. Response Management: Removal Action Start-Up to Close-Out. PB98-963407REB 98-01 PC A05/MF A01

Supplement C to Compilation of Air Pollutant Emission Factors. Volume 1. Stationary Point and Area Sources (Fifth Edition). PB98-152669REB 98-04 PC A06/MF A02

Supplement to the Second Addendum (1986) to Air Quality Criteria for Particulate Matter and Sulfur Oxides (1982): Assessment of New Findings on Sulfur Dioxide Acute Exposure Health Effects in Asthmatic Individuals. PB98-132384REB 98-03 PC A07/MF A02

Survey of Environmental Products and Services. PB98-143365REB 98-03 PC A04/MF A01

Susceptibility of Fiberglass Duct Liner to Fungal (Penicillium chrysogenum) Growth. PB98-155070REB 98-04 PC A03/MF A01

SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM). PB97-501828REB 98-01 CD-ROM \$125.00

Taking Toxics Out of the Air. Progress in Setting 'Maximum Achievable Control Technology' Standards under the Clean Air Act. PB98-132780REB 98-03 PC A04/MF A01

Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115272REB 98-01 PC A20/MF A04

Technical Support Document for the Round Two Sewage Sludge Pollutants. PB98-126071REB 98-02 PC A21/MF A04

Test and Evaluation of Six Fire Resistant Booms at Ohmsett. AD-A344 642/4REB 98-03 PC A05/MF A01

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM). PB98-500010REB 98-01 CD-ROM \$140.00

Test Methods for Determining Short and Long Term VOC Emissions from Latex Paint. PB98-155054REB 98-04 PC A03/MF A01

Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition. PB98-111750REB 98-02 PC\$49.00

Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring. PB98-151244REB 98-04 PC A03/MF A01

Thermodynamic, Energy-Efficient and Economic Criteria for Evaluation of Alternative Refrigerants for Heat Pumps. PB98-145568REB 98-04 PC A03/MF A01

Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990. PB98-169188REB 98-04 PC A06/MF A01

Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette). PB98-500473REB 98-02 CP D01

Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FaTE Module. A Status Report. PB98-145485REB 98-04 PC A09/MF A02

Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995. PB98-113640REB 98-01 PC A08/MF A01

Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-500564REB 98-02 Diskette \$140.00

Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-502412REB 98-04 Diskette \$161.00

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape). PB98-500556REB 98-02 Mag Tape \$395.00

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM). PB98-502404REB 98-04 Mag Tape \$454.00

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-500572REB 98-02 CP D01

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-502388REB 98-04 CP D01

Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM). SUB-5423REB 98-04 Subscription

Toxicity Characteristic Rule Enforcement Training Manual. PB98-142060REB 98-03 PC A11/MF A03

Toxicological Review of Bentazon (CAS No. 25057-89-0). PB98-151764REB 98-04 PC A04/MF A01

Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7). PB98-151756REB 98-04 PC A07/MF A02

Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS). PB98-155229REB 98-04 PC A06/MF A01



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Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System. PB98-155211REB	98-04	PC A04/MF A01	U.S. EPA Biomass Fuel Analytical Laboratory. PB98-140312REB	98-03	PC A03/MF A01	Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium. PB98-169782REB	98-04	PC A02/MF A01
Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS). PB98-155245REB	98-04	PC A06/MF A01	Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet. PB98-153174REB	98-04	PC A02/MF A01	Water Quality Benefits Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115132REB	98-01	PC A06/MF A01
Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9). PB98-151798REB	98-04	PC A05/MF A01	Update on EPA's Air Duct Cleaning Research Activities. PB98-137433REB	98-03	PC A03/MF A01	Water Quality Criteria and Standards Newsletter. Spring and Summer 1997. PB98-103237REB	98-01	PC A03/MF A01
Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS). PB98-155237REB	98-04	PC A05/MF A01	Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CCERCLA Sites. PB97-963308REB	98-02	PC A02/MF A01	Water Quality Criteria and Standards Plan: Priorities for the Future. PB98-163025REB	98-04	PC A05/MF A01
Trace Metal Cleanroom. PB98-147325REB	98-03	PC A08/MF A02	Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997. PB98-118441REB	98-02	PC A07/MF A02	Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water. PB98-153067REB	98-04	PC A07/MF A02
Tracers Detect Aquifer Contamination. ADA350763REB	98-04	PC A01/MF A01	Using Qualified Data to Document an Observed Release and Observed Contamination. PB94-963311REB	98-02	PC A03/MF A01	Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary. PB98-169758REB	98-04	PC A06/MF A01
Transmittal of Guidance on the Use of Section 7003 of RCRA. PB98-108616REB	98-01	PC A04/MF A01	Utilizing Low Volatile Organic Content Exterior Coatings for Wood Furniture. PB98-100415REB	98-01	PC A04/MF A01	Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995. PB98-152705REB	98-04	PC A16/MF A03
Transport Property Measurements of HFC-236ea. PB98-137185REB	98-03	PC A11/MF A03	Verification of Advanced Air Monitoring Systems. PB98-135635REB	98-03	PC A03/MF A01	Who Pays for Sprawl: The Economic, Social, and Environmental Impacts of Sprawl Development: A Literature Review. PB98-141120REB	98-03	PC A04/MF A01
Treatability Studies for Wood Preserving Sites. PB98-132400REB	98-02	PC A17/MF A03	Verification Testing of Air Pollution Control Technology. PB98-145576REB	98-03	PC A03/MF A01	Wind Rose Plotting Program (WRPLOT) (on Diskette). PB98-500606REB	98-02	CP D01
Treatment Technology Performance and Cost Data for Remediation of Wood Preserving Sites. PB98-147069REB	98-03	PC A09/MF A02	Veterans Affairs Medical Center Pollution Prevention Assessment. PB98-159767REB	98-04	PC A05/MF A01	Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997. PB98-135189REB	98-03	PC A19/MF A04
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Two-Phase Flow of Two HFC Refrigerant Mixtures through Short-Tube Orifices. PB98-142045REB	98-03	PC A08/MF A02	Volatile Organic Compound Emissions from Automobile Refinishing: Background Information for Promulgated Standards. PB98-173461REB	98-04	PC A05/MF A01	Zeolite: A Versatile Air Pollutant Adsorber. PB98-159924REB	98-04	PC A03/MF A01
U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report. PB98-169766REB	98-04	PC A04/MF A01	Volunteer Lake Monitoring Program 1996. Volume 1. State-wide Summary Report. PB98-107618REB	98-01	PC A14/MF A03			
			Water Conservation Plan Guidelines. PB98-169741REB	98-04	PC A11/MF A03			

# KEYWORD INDEX

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Index entries in this section are selected to indicate important ideas and concepts presented in a report. When using the keyword index, be sure to look under terms narrower, broader, or related to a particular topic. Although some of the keywords are not selected from a controlled vocabulary of terms, most of them have been selected from the DoD, DoE, NASA, or NTIS controlled vocabularies. The entries are arranged by keyword and then by the NTIS order number.

## SAMPLE ENTRY

<b>Use: Keywords Term</b>	<b>RECYCLED MATERIALS</b>	
Title	Engineering and Environmental Aspects of Recycled Materials for Highway Construction	
NTIS Order Number/Media Code Price Codes	PB94-100443/REB	PC A10/MF A03

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## 1-3-BUTADIENE

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PB98-133010REB 98-02 PC A15/MF A03

## 1-OCTEN-3-OL

Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.  
PB98-165186REB 98-04 PC A02/MF A01

## ABANDONED SITES

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998).  
PB98-963229REB 98-03 PC A03/MF A01

Brownfields Economic Redevelopment Initiative: Proposal Guidelines for Brownfields Job Training and Development Demonstration Pilots.  
PB98-963260REB 98-04 PC A03/MF A01

## ABEL COMPUTER MODEL

ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette).  
PB98-500416REB 98-01 Diskette \$50.00

## ABILITY TO PAY

General Policy on Superfund Ability to Pay Determinations.  
PB97-199731REB 98-01 PC A04/MF A01

INDIPAY Model: Evaluates Individual Taxpayer's Claims of Inability to Afford Penalties and Compliance Costs (on Diskette).  
PB98-500366REB 98-01 Diskette \$50.00

ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette).  
PB98-500416REB 98-01 Diskette \$50.00

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PB98-142227REB 98-03 PC A03/MF A01

## ACCIDENTAL RELEASES

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PB97-963259REB 98-02 PC A25/MF A04

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PB98-133143REB 98-03 PC A17/MF A03

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Compliance Report, 1996: Acid Rain Program. Plants Affected by Phase 1 of the Acid Rain Program in 1996.  
PB98-142151REB 98-03 PC A06/MF A01

## ACID STREAMS

Statistical Analysis of the Extensive Component of the Maryland Department of the Environment Stream Acidification Monitoring Program.  
PB98-119233REB 98-02 PC A04/MF A01

## ACIDIFICATION

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PB98-125362REB 98-02 PC A07/MF A02

## ACTIVATED CARBON

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PB98-137417REB 98-03 PC A03/MF A01

Cost Analysis of Activated Carbon versus Photocatalytic Oxidation for Removing VOC's from Indoor Air.  
PB98-137490REB 98-03 PC A03/MF A01

Combined Mercury and Sulfur Oxides Control Using Calcium-Based Sorbents.  
PB98-147275REB 98-03 PC A03/MF A01

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Effect of Relative Humidity on Gaseous Air Cleaner Media Performance: Toluene Adsorption by Activated Carbon.  
PB98-151772REB 98-04 PC A03/MF A01

## ACUTE EXPOSURE

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PB98-101967REB 98-04 PC A99/MF A06

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PB98-132384REB 98-03 PC A07/MF A02

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PB98-116551REB 98-02 PC A03/MF A01

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PB98-126840REB 98-02 PC A02/MF A01

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PB98-159924REB 98-04 PC A03/MF A01

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PB98-135759REB 98-03 PC A03/MF A01

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PB98-155062REB 98-04 PC A03/MF A01

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PB98-155096REB 98-04 PC A03/MF A01

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PB98-155153REB 98-04 PC A03/MF A01

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PB98-135445REB 98-03 PC A05/MF A01

National Emission Standards for Aerospace Manufacturing and Rework Facilities: Summary of Requirements for Implementing the NESHAP.  
PB98-145501REB 98-03 PC A08/MF A02

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PB98-158538REB 98-04 PC A05/MF A01

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PB98-147143REB 98-04 PC A02/MF A01

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PB98-136955REB 98-03 PC A13/MF A03

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Influence of Adverse Soil Conditions on the Formation and Function of Arbuscular Mycorrhizae.  
PB98-145626REB 98-03 PC A04/MF A01

National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
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AHERA (ASBESTOS HAZARDS EMERGENCY RESPONSE ACT)

National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
PB98-148273REB 98-04 PC A15/MF A03

## AIR CHIEF COMPUTER PROGRAM

Air CHIEF, Version 5.0 (on CD-ROM).  
PB98-500622REB 98-02 CD-ROM CP D01

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PB98-151251REB 98-04 PC A03/MF A01

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PB98-116387REB 98-01 PC A04/MF A01

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SAB Report: Review of the EPA Draft Mercury Study Report to Congress. Review of the EPA's Mercury Report to Congress by the Mercury Review Subcommittee.  
PB98-117070REB 98-02 PC A08/MF A02

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PB98-116460REB 98-02 PC A03/MF A01

Atmospheric Deposition in Maryland: Assessment of Status, Trends, and Environmental Effects.  
PB98-119274REB 98-02 PC A08/MF A02

Indoor Air Emissions from Office Equipment: Test Method and Pollution Prevention Opportunities.  
PB98-165137REB 98-04 PC A09/MF A02

EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin.  
SUB-9042REB 98-02 Subscription

## AIR POLLUTION ABATEMENT

Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04

Paint Spray Booth Design Using Recirculation/Partitioning Ventilation.  
PB98-116346REB 98-02 PC A03/MF A01

Opportunities to Improve Air Quality through Transportation Pricing Programs.  
PB98-122195REB 98-02 PC A08/MF A02

Demonstration of a Paint Spray Booth Emission Control Strategy Using Recirculation/Partitioning and UV/Ozone Pollutant Emission Control. Volume 1, Technical Report.  
PB98-124316REB 98-02 PC A08/MF A02

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Evaluation of an IAQ Source Management Strategy for a Large Building.  
PB98-155047REB 98-04 PC A03/MF A01

Air Pollution Prevention and Control Division's Program within U.S. EPA's Office of Research and Development.  
PB98-173446REB 98-04 PC A03/MF A01

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Seminar Publication: Pollution Control in the Forest Products Industry.  
PB98-102304REB 98-01 PC A06/MF A01

Radon Reduction Techniques for Detached Houses: Technical Guidance.  
PB98-103393REB 98-01 PC A05/MF A01

Evaluation of Barriers to the Use of Radiation Cured Coatings in Wide-Web Flexographic Printing.  
PB98-106412REB 98-01 PC A08/MF A02

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- Guideline Series: Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations. PB98-135445REB 98-03 PC A05/MF A01
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- Pilot Study to Evaluate the Impact of Air Duct Cleaning on Indoor Air Quality in Residences. PB98-140296REB 98-03 PC A03/MF A01
- ERMS Guidebook: Cleaner Air, Reduced Cost, Illinois EPA. PB98-141484REB 98-03 PC A03/MF A01
- Compliance Report, 1996: Acid Rain Program. Plants Affected by Phase 1 of the Acid Rain Program in 1996. PB98-142151REB 98-03 PC A06/MF A01
- RACT/BACT/LAER Clearinghouse Information System (RBLC). User's Manual. PB98-142599REB 98-03 PC A11/MF A03
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- Zeoil: A Versatile Air Pollutant Adsorber. PB98-159924REB 98-04 PC A03/MF A01
- RACT/BACT/LAER Clearinghouse Clean Air Technology Center: A Compilation of Control Technology Determinations. Seventh Supplement to the 1990 Edition. PB98-163124REB 98-04 PC A18/MF A04
- Air Pollution Prevention and Control Division's Program within U.S. EPA's Office of Research and Development. PB98-173446REB 98-04 PC A03/MF A01
- RACT/BACT/LAER Clearinghouse Annual Report for 1996: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition. PB98-173495REB 98-04 PC A23/MF A04
- AIR POLLUTION CONTROL EQUIPMENT**
- EPA Technology Transfer Capsule Report: Fabric Filter Particulate Control on Coal-Fired Utility Boilers: Nuclea, Co. and Sunbury, Pa. PB98-102288REB 98-01 PC A03/MF A01
- Capsule Report: Double Alkali Flue Gas Desulfurization System Applied at the General Motors Parma, Ohio Facility. PB98-102312REB 98-01 PC A03/MF A01
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### BIBLIOGRAPHIES

Catalog of Publications: Office of Science and Technology, 1997 Edition.  
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EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin.  
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- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998).  
PB98-963229REB 98-03 PC A03/MF A01
- Brownfields Economic Redevelopment Initiative: Proposal Guidelines for Brownfields Job Training and Development Demonstration Pilots.  
PB98-963260REB 98-04 PC A03/MF A01
- Quality Assurance Guidance for Conducting Brownfields Site Assessments.  
PB98-963307REB 98-04 PC A06/MF A01
- BROWNFIELDS REDEVELOPMENT PROGRAM**
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Update February 1998).  
PB98-963234REB 98-03 PC A03/MF A01
- BTEX (BENZENE TOLUENE ETHYLBENZENE XYLENE)**
- Enhanced Bioremediation of BTEX Using Immobilized Nutrients: Field Demonstration and Monitoring.  
PB97-186290REB 98-01 PC A05/MF A01
- BUILDINGS**
- Large Building Radon Manual.  
PB98-123995REB 98-02 PC A07/MF A02
- Indoor Air Quality Large Building Characterization Project Planning.  
PB98-147184REB 98-03 PC A02/MF A01
- BULK MATERIALS**
- Superfund Method for the Determination of Releasable Asbestos in Soils and Bulk Materials.  
PB97-963503REB 98-01 PC A08/MF A02
- BUOYANCY**
- Buoyant Discharges in Reversing Ambient Currents. Experimental Investigation and Prediction.  
PB98-125370REB 98-02 PC A09/MF A02
- BURKHOLDERIA CEPACIA PR1 (SUB 301)**
- Bioaugmentation with 'Burkholderia cepacia' PR1 301 for in situ Bioremediation of Trichloroethylene Contaminated Groundwater.  
PB98-141542REB 98-03 PC A03/MF A01
- BURNING**
- Gradient Analysis of Biomass in Costa Rica and a First Estimate of Total Emissions of Greenhouse Gases from Biomass Burning.  
PB98-116403REB 98-01 PC A04/MF A01
- Products of Incomplete Combustion from Direct Burning of Pentachlorophenol-Treated Wood Wastes.  
PB98-127731REB 98-02 PC A09/MF A02
- BUSES**
- Fuel Cell Bus Demonstration in Mexico City.  
PB98-142037REB 98-04 PC A03/MF A01
- BUSINESSES**
- ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette).  
PB98-500416REB 98-01 Diskette \$50.00
- BUTRALIN**
- Red Facts: Butralin.  
PB98-153091REB 98-04 PC A02/MF A01
- Registration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).  
PB98-153109REB 98-04 PC A08/MF A02
- BYPRODUCTS**
- Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water.  
PB98-140775REB 98-03 PC A06/MF A01
- CADMIUM**
- Screening Level Probabilistic Ecological Risk Assessment of Copper and Cadmium in the Chesapeake Bay Watershed.  
PB98-105562REB 98-01 PC A12/MF A03
- CAG (COATING ALTERNATIVE GUIDE)**
- Personal Computer Guide for Businesses in the Metal Parts Coating Industry.  
PB98-147168REB 98-03 PC A03/MF A01
- CALIBRATION STANDARDS**
- EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards.  
PB98-115314REB 98-01 PC A08/MF A02
- CANCER**
- SAB Report: Guidelines for Cancer Risk Assessment.  
PB98-104722REB 98-01 PC A05/MF A01
- Assessment of Thyroid Follicular Cell Tumors.  
PB98-133119REB 98-02 PC A05/MF A01
- CANOLA OIL**
- Pesticide Fact Sheet: Canola Oil.  
PB98-137367REB 98-03 PC A02/MF A01
- CANOPIES (VEGETATION)**
- Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.  
PB98-151244REB 98-04 PC A03/MF A01
- CAPACITY**
- Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-133333REB 98-02 PC A03/MF A01
- Information for States on Implementing the Capacity Development Provisions of the Safe Drinking Water Act.  
PB98-133366REB 98-02 PC A09/MF A02
- Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03
- Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity.  
PB98-169733REB 98-04 PC A03/MF A01
- Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-169774REB 98-04 PC A03/MF A01
- Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996.  
PB98-169808REB 98-04 PC A05/MF A01
- CAPILLARITY**
- Research Issues for Thermal Remediation.  
PB98-135114REB 98-03 PC A03/MF A01
- CAPILLARY PRESSURE**
- Parameter Estimation of Two-Fluid Capillary Pressure-Saturation and Permeability Functions.  
PB98-151236REB 98-03 PC A07/MF A02
- CARBON DIOXIDE**
- Research Plan: Interactive Effects of O3 and CO2 on the Ponderosa Pine Plant/Litter/Soil System.  
PB98-115306REB 98-02 PC A07/MF A02
- High Performance Metal Cleaning Using Liquid CO2 and Surfactants.  
PB98-116338REB 98-02 PC A02/MF A01
- Interactive Effects of O3 and CO2: Implications for Terrestrial Ecosystems.  
PB98-137516REB 98-03 PC A06/MF A01
- CARBON HYDROXIDE**
- Experimental Study on Mercury Sorption by Activated Carbons and Calcium Hydroxide.  
PB98-137471REB 98-03 PC A03/MF A01
- CARBON MONOXIDE**
- Real-Time Monitoring of Particles, PAH, and CO in an Occupied Townhouse.  
PB98-135627REB 98-03 PC A03/MF A01
- CARBONYL COMPOUNDS**
- Measurement of Carbonyl Compounds from Stationary Source Emissions by a PFBHA-GC-ECD Method.  
PB98-135643REB 98-03 PC A03/MF A01
- CARCINOGENICITY TESTS**
- Nitrobenzene Carcinogenicity (CAS No. 98-95-3).  
PB98-143282REB 98-03 PC A04/MF A01
- CARCINOGENICITY TESTS**
- Chloroethane Carcinogenicity (CAS No. 75-00-3).  
PB98-143274REB 98-03 PC A04/MF A01
- CARPETS**
- Simulation of Track-In of Lawn-Applied Pesticides from Turf to Home: Comparison of Dislodgeable Turf Residues with Carpet Dust and Carpet Surface Residues.  
PB98-103120REB 98-01 PC A06/MF A01
- Round-Robin Testing of Methods for Collecting Dislodgeable Residues from Carpet.  
PB98-117989REB 98-02 PC A06/MF A01
- Increases in Levels of Breathable Fine Particulates Due to the Application of Carpet Fresheners in a Suburban Home.  
PB98-155112REB 98-04 PC A03/MF A01
- CASE STUDIES**
- Remediation Case Studies: Bioremediation and Vitrification. Volume 5.  
PB97-177554REB 98-01 PC A13/MF A03
- Remediation Case Studies: Soil Vapor Extraction and Other in situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03
- Abstracts of Remediation Case Studies. Volume 2.  
PB97-177570REB 98-01 PC A05/MF A01
- Clean Water State Revolving Fund: Practical Approaches to Improving Pace. Hands on Approaches.  
PB98-133275REB 98-02 PC A04/MF A01
- CASES**
- Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM). (Researchnonemt with new format and pricing information).  
SUB-5197REB 98-04 Subscription
- CASHOUT COMPUTER MODEL**
- CASHOUT Model: Calculates Current Value of Superfund Cleanup Costs (Version 1.6) (on Diskette).  
PB98-500390REB 98-01 Diskette \$50.00
- CASTING**
- Profile of the Metal Casting Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143381REB 98-03 PC A09/MF A02
- CATALOGS (PUBLICATIONS)**
- Catalog of Publications: Office of Science and Technology, 1997 Edition.  
PB98-102692REB 98-01 PC A08/MF A02
- CATALYSTS**
- Methane-Steam Reaction Over Nickel Catalysts in the Hynol Process.  
PB98-100480REB 98-01 PC A07/MF A02
- Dual Function Sorbent/Catalyst Design for Energy Efficient Chlorinated VOC Destruction.  
PB98-135650REB 98-03 PC A03/MF A01
- CATFISH**
- Catfish Populations in Chesapeake Bay.  
PB98-123235REB 98-02 PC A05/MF A01
- CCL (CONTAMINANT CANDIDATE LIST)**
- Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices. Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List.  
PB98-144694REB 98-03 PC A04/MF A01
- CEM (CONTINUOUS EMISSION MONITORING)**
- Operator's Guide to Eliminating Bias in CEM Systems.  
PB98-150253REB 98-04 PC A08/MF A02
- CENTRIFUGAL COMPRESSORS**
- Comparison of CFC-114 and HFC-236ea Performance in Shipboard Vapor Compression Systems.  
PB98-140395REB 98-03 PC A03/MF A01
- CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)**
- Addendum to the 'Interim CERCLA Settlement Policy' Issued on December 5, 1984.  
PB98-103138REB 98-01 PC A02/MF A01
- Guidance on EPA Participation in Bankruptcy Cases.  
PB98-103146REB 98-01 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304).  
PB98-963230REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Oil Pollution Prevention Regulation and the Oil Pollution Act of 1990 (Updated February 1998).  
PB98-963231REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Statutory Overview of CERCLA (Updated February 1998).  
PB98-963232REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998).  
PB98-963235REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Liability, Enforcement, and Settlements (Updated February 1998).  
PB98-963236REB 98-03 PC A04/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998).  
PB98-963237REB 98-03 PC A04/MF A01
- CERCLIS (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM)**
- Pre-CERCLIS Screening Guidance.  
PB98-963251REB 98-02 PC A01/MF A01
- CERCLIS (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM)**
- CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03
- CERTIFICATION**
- Information for States on Recommended Operator Certification Requirements.  
PB98-133317REB 98-02 PC A16/MF A03
- Pesticide Registration (PR) Notice 98-5. Notice to Manufacturers, Producers, Formulators and Registrants of Pesticide Products. New Forms for the Certification with Respect to Citation of Data.  
PB98-158264REB 98-04 PC A03/MF A01
- CFC-12**
- Alternatives for CFC-12 Refrigerant in Automotive Air Conditioning.  
PB98-137524REB 98-03 PC A03/MF A01
- CHANGES**
- PR Notice 97-7: Existing Stocks for Labeling Changes in PR Notices.  
PB98-127897REB 98-02 PC A02/MF A01
- CHANNEL MORPHOLOGY**
- Effects of Flow Augmentation on Channel Morphology and Riparian Vegetation in the Upper Arkansas River Basin, Colorado.  
PB98-126287REB 98-02 PC A08/MF A02

## CHARACTERIZATION

Characterization of Metal Benzotriazoles and Related Polymers. PB98-163108REB 98-04 PC A03/MF A01

## CHEMICAL ANALYSIS

SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM). PB97-501928REB 98-01 CD-ROM \$125.00

Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern. PB98-126691REB 98-02 PC A99/MF A06

Design of an Aerosol Mass Spectral Interface. PB98-135759REB 98-03 PC A03/MF A01

Rapid Analysis of Toxic Organic Vapors in Ambient Air. PB98-135825REB 98-03 PC A03/MF A01

Standard Operating Procedure for the Laboratory Analysis of Lead in Paint, Bulk Dust, and Soil by Ultrasonic, Acid Digestion and Inductively Coupled Plasma Emission Spectrometric Measurement. PB98-136963REB 98-03 PC A04/MF A01

Standard Operating Procedure for the Field Analysis of Lead in Dust Collected by Vacuum and on Wipes by Ultrasonic, Acid Digestion, and Colorimetric Measurement. PB98-140734REB 98-03 PC A05/MF A01

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM). PB98-500010REB 98-01 CD-ROM \$140.00

## CHEMICAL COMPOUNDS

Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995. PB98-113640REB 98-01 PC A06/MF A01

Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water. PB98-153067REB 98-04 PC A07/MF A02

Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990. PB98-169188REB 98-04 PC A06/MF A01

Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette). PB98-500473REB 98-02 CP D01

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape). PB98-500556REB 98-02 Mag Tape \$395.00

Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-500564REB 98-02 Diskette \$140.00

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-500572REB 98-02 CP D01

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-502388REB 98-04 CP D01

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM). PB98-502404REB 98-04 Mag Tape \$454.00

Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-502412REB 98-04 Diskette \$161.00

Integrated Risk Information System (IRIS) (on Diskette). PB98-591330REB 98-02 Standing Order

Health Effects Assessment Summary Tables. PB98-921100REB 98-02 Standing Order

Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM). SUB-5423REB 98-04 Subscription

## CHEMICAL EFFLUENTS

Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category. PB98-152887REB 98-04 PC A05/MF A01

Development Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category. PB98-153166REB 98-04 PC A22/MF A04

Development Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category. PB98-153182REB 98-04 PC A12/MF A03

Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1. PB98-153190REB 98-04 PC A06/MF A02

Environmental Assessment for the Proposed Effluent Guidelines for the Landfills Point Source Category. Volume 1. PB98-154016REB 98-04 PC A08/MF A02

Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category. Volume 1. Final Report. PB98-161243REB 98-04 PC A09/MF A02

Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative. PB98-163033REB 98-04 PC A15/MF A03

Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers). SUB-5252REB 98-02 Subscription

## CHEMICAL FEEDSTOCKS

Hynol Process Evaluation. PB98-127319REB 98-02 PC A11/MF A03

## CHEMICAL INDUSTRY

Chemical Industry National Environmental Baseline Report, 1990-1994. PB98-110406REB 98-02 PC A09/MF A02

Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative. PB98-163033REB 98-04 PC A15/MF A03

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Methane-Steam Reaction Over Nickel Catalysts in the Hynol Process. PB98-100480REB 98-01 PC A07/MF A02

## CHEMICAL REACTIONS

Review of Nitrous Oxide Behavior in the Atmosphere and in Combustion and Industrial Systems. PB98-135767REB 98-03 PC A04/MF A01

## CHEMICAL REACTIVITY

Remediation of Ground Water Using In-situ Permeable Reactive Barriers: Chromate and Other Inorganic Contaminants. PB98-135122REB 98-03 PC A02/MF A01

Emplacement Verification and Long-Term Performance Monitoring for Permeable Reactive Barrier at the USCG Support Center, Elizabeth City, North Carolina. PB98-151285REB 98-03 PC A03/MF A01

Ground Water Remediation of Chromium Using Zero-Valent Iron in a Permeable Reactive Barrier. PB98-155088REB 98-04 PC A03/MF A01

## CHEMICAL RELEASES

Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions. PB97-963313REB 98-03 PC A05/MF A01

Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance. PB97-963314REB 98-03 PC A06/MF A01

## CHEMICAL SPILLS

Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM). PB98-502313REB 98-03 CD-ROM CP D01

Inland Area Contingency Plan and Maps for Pennsylvania (on CD-ROM). PB98-502321REB 98-03 CD-ROM CP D01

Inland Area Contingency Plan and Maps for Virginia (on CD-ROM). PB98-502339REB 98-03 CD-ROM CP D01

Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska. PB98-963205REB 98-02 PC A25/MF A04

## CHEMICAL SUBSTANCES INVENTORY

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape). PB98-500556REB 98-02 Mag Tape \$395.00

Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-500564REB 98-02 Diskette \$140.00

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-500572REB 98-02 CP D01

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-502388REB 98-04 CP D01

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM). PB98-502404REB 98-04 Mag Tape \$454.00

Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-502412REB 98-04 Diskette \$161.00

Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM). SUB-5423REB 98-04 Subscription

## CHEMICAL TREATMENT

Performance Characteristics of a Multi-Stage Process for Ex-situ Treatment of Solids or Liquids Contaminated with Chlorinated Organics. PB98-138662REB 98-03 PC A03/MF A01

Environmental Assessment of the Base Catalyzed Decomposition (BCD) Process. PB98-173479REB 98-04 PC A04/MF A01

## CHESAPEAKE BAY

Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States. PB98-105422REB 98-01 PC A05/MF A01

Screening Level Probabilistic Ecological Risk Assessment of Copper and Cadmium in the Chesapeake Bay Watershed. PB98-105562REB 98-01 PC A12/MF A03

Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments. PB98-115587REB 98-01 PC A08/MF A02

Chesapeake Bay Nutrient Reduction Progress and Future Directions. Nutrient Reduction Reevaluation Summary Report. PB98-117013REB 98-01 PC A04/MF A01

Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997. PB98-118441REB 98-02 PC A07/MF A02

Interaction among Environmental Factors and Recruitment Potential in Striped Bass. PB98-119258REB 98-02 PC A11/MF A03

Fluxes of Trace Elements in Aerosol Particles Dry Depositing to the Chesapeake Bay Watershed. PB98-119266REB 98-02 PC A04/MF A01

Catfish Populations in Chesapeake Bay. PB98-123235REB 98-02 PC A05/MF A01

Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997. PB98-123243REB 98-02 PC A11/MF A03

Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix A. Phase 4 Chesapeake Bay Watershed Model Hydrology Calibration Results. PB98-126048REB 98-02 PC A10/MF A02

Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios. PB98-130974REB 98-02 PC A08/MF A02

Ambient Toxicity Testing in Chesapeake Bay, 5 Year Report. PB98-130982REB 98-02 PC A08/MF A02

Protecting Wetlands 2: Technical and Financial Assistance Programs for Local Governments in the Chesapeake Bay Region. PB98-133416REB 98-02 PC A07/MF A02

Comprehensive List of Chesapeake Bay Basin Species, 1998. PB98-141476REB 98-03 PC A07/MF A02

Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix B. Phase 4 Chesapeake Bay Watershed Model Water Quality Calibration Results. PB98-141500REB 98-03 PC A99/MF A06

Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report. PB98-167414REB 98-04 PC A04/MF A01

## CHILD-RESISTANT PACKAGING

Pesticide Registration (PR) Notice 97-9. Notice to Manufacturers, Formulators, Producers, and Registrants of Pesticides. Electronic Submission of Child-Resistant Packaging Test Data for all Pesticides and Child-Resistant Testing of Prefilled, Nonrefillable Insecticide Bait Stations Not Designed or Intended to Be Opened or Activated in a Manner That Exposes the Contents to Human Contact. PB98-116767REB 98-01 PC A04/MF A01

## CHILDREN

Assessment of Thyroid Follicular Cell Tumors. PB98-157860REB 98-04 PC A11/MF A03

National Strategy for the Development of Regional Nutrient Criteria. PB98-163017REB 98-04 PC A05/MF A01

## CHILLERS

Heat Transfer Evaluation of HFC-236ea with High Performance Enhanced Tubes in Condensation and Evaporation. PB98-137177REB 98-03 PC A07/MF A02

## CHLORANSULAM-METHYL

Pesticide Fact Sheet: Chloransulam-methyl. PB98-115298REB 98-01 PC A03/MF A01

## CHLORDAN

Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS). PB98-155229REB 98-04 PC A06/MF A01

# KEYWORD INDEX

## CHLORINATED SOLVENTS

Performance Evaluation of an In situ Anaerobic Biotreatment System for Chlorinated Solvents.  
PB98-135809REB 98-03 PC A02/MF A01

## CHLORINATED VOLATILE ORGANIC COMPOUNDS

Dual Function Sorbent/Catalyst Design for Energy Efficient Chlorinated VOC Destruction.  
PB98-135650REB 98-03 PC A03/MF A01

## CHLOROBENZENE

Chlorobenzene Bioreactor Demonstration.  
AD-A332 757/4REB 98-02 PC A05/MF A01  
Chloroethane Carcinogenicity (CAS No. 75-00-3).  
PB98-143274REB 98-03 PC A04/MF A01

## CHROMATES

Remediation of Ground Water Using In-situ Permeable Reactive Barriers: Chromate and Other Inorganic Contaminants.  
PB98-135122REB 98-03 PC A02/MF A01

## CHROMIUM

Ground Water Remediation of Chromium Using Zero-Valent Iron in a Permeable Reactive Barrier.  
PB98-155088REB 98-04 PC A03/MF A01

## CHROMIUM COMPOUNDS

Innovative Measures for Subsurface Chromium Remediation: Source Zone, Concentrated Plume, and Dilute Plume.  
PB98-126717REB 98-02 PC A03/MF A01

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Appreciative Inquiry: A Mechanism for Maximizing Empowerment in Social Systems.  
PB98-151277REB 98-03 PC A03/MF A01

Community-Based Environmental Protection: A Resource Book for Protecting Ecosystems and Communities.  
PB98-158884REB 98-04 PC A08/MF A02

Plan to Enhance the Role of States and Tribes in the Superfund Program.  
PB98-983221REB 98-04 PC A08/MF A02

RCRA, Superfund and EPCRA Hotline Training Module: Introduction to Superfund Community Involvement (Updated February 1996).  
PB98-983235REB 98-03 PC A03/MF A01

## CIUDAD ACUNA (MEXICO)

Ambient Air Monitoring Plan for Ciudad Acuna and Piedra Negra, Coahuila, Mexico.  
PB98-131634REB 98-03 PC A06/MF A02

## CLASSIFICATION

PR Notice 98-2: Liquid Chemical Sterilant Products.  
PB98-126840REB 98-02 PC A02/MF A01

## CLASSIFICATIONS

Toxicity Characteristic Rule Enforcement Training Manual.  
PB98-142080REB 98-03 PC A11/MF A03

## CLAYS

Report of 1995 Workshop on Geosynthetic Clay Liners.  
PB98-141889REB 98-03 PC A12/MF A03

## CLEAN AIR ACT

Air Pollution Operating Permit Program Update: Key Features and Benefits.  
PB98-132798REB 98-03 PC A03/MF A01

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Glossary of Terms from Federal Air Programs.  
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Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices, Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules.  
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CASHOUT Model: Calculates Current Value of Superfund Cleanup Costs (Version 1.6) (on Diskette).  
PB98-500390REB 98-01 Diskette \$50.00

## COTTON PLANTS

Environmental Protection Agency's White Paper on 'Bacillus thuringiensis' Plant-Pesticide Resistance Management.  
PB98-153133REB 98-04 PC A06/MF A01

## COUNTERTERRORISM

EPA Counter-Terrorism (CT) Strategy, Work Plan, and Executive Summary.  
PB98-963224REB 98-02 PC A04/MF A01

Draft Guidance on CT Equipment Purchase.  
PB98-963226REB 98-03 PC A02/MF A01

## CRITERIA

Water Quality Criteria and Standards Newsletter, Spring and Summer 1997.  
PB98-103237REB 98-01 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Subtitle D: Municipal Solid Waste Disposal Facility Criteria Updated July 1997.  
PB98-108236REB 98-02 PC A04/MF A01

Nomination Guidance: 1998 Beneficial Use of Biosolids Awards Program; for Operating Projects, Technology Development, Research, and Public Acceptance.  
PB98-133242REB 98-02 PC A03/MF A01

Water Quality Criteria and Standards Plan: Priorities for the Future.  
PB98-163025REB 98-04 PC A05/MF A01

## CRYPTOSPORIDIUM

Method 1622: 'Cryptosporidium' in Water by Filtration/IMS/FA.  
PB98-153059REB 98-04 PC A05/MF A01

## CUMENE

Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01

## CURING

Evaluation of Barriers to the Use of Radiation Cured Coatings in Wide-Web Flexographic Printing.  
PB98-106412REB 98-01 PC A08/MF A02

## CYPRODINIL

Pesticide Fact Sheet: Cyprodinil.  
PB98-137235REB 98-03 PC A03/MF A01

## CZECH REPUBLIC

Czech Air Quality Monitoring and Receptor Modeling Study.  
PB98-110299REB 98-01 PC A09/MF A02

## DATA ACQUISITION

Test and Evaluation of Six Fire Resistant Booms at Ohmsett.  
AD-A344 642/4REB 98-03 PC A05/MF A01

## DATA ACQUISITION SYSTEMS

Handbook: Continuous Emission Monitoring Systems for Non-Criteria Pollutants.  
PB98-112931REB 98-01 PC A09/MF A02

## DATA ANALYSIS

National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997.  
PB98-108150REB 98-01 PC A20/MF A04

Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern.  
PB98-126691REB 98-02 PC A99/MF A06

EPA's Data Attribute Rating System.  
PB98-135783REB 98-03 PC A03/MF A01

Some Remarks on Research Directions in Statistical Data Protection.  
PB98-141286REB 98-03 PC A03/MF A01

## DATA ATTRIBUTE RATING SYSTEM

EPA's Data Attribute Rating System.  
PB98-135783REB 98-03 PC A03/MF A01

## DATA BASES

Fact Sheet Update: Listing of Fish and Wildlife Advisories.  
PB98-102932REB 98-01 PC A02/MF A01

Northwest Forest Plan Research Database. Users Guide.  
PB98-108366REB 98-01 PC A06/MF A01

SAB Report: Review of the Source Ranking Database.  
PB98-133713REB 98-02 PC A04/MF A01

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM).  
PB98-500010REB 98-01 CD-ROM \$140.00

Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM).  
PB98-592570REB 98-02 Standing Order

Pesticide Product Label System (PPLS) (on CD-ROM).  
SUB-5404REB 98-02 Subscription

## DATA ELEMENTS

CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03

## DATA FILE

Ecotox Database (ACQUIRE, PHYTOTOX, and TERRETOX) (Non-VMS Data) (on Magnetic Tape). (Reannouncement with New Abstract).  
PB97-500292REB 98-02 CP T02

SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).  
PB97-501928REB 98-01 CD-ROM \$125.00

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM).  
PB98-500010REB 98-01 CD-ROM \$140.00

Biennial Reporting System (BRS) Data: Generation and Management of Hazardous Waste, 1995 (Final) (on CD-ROM).  
PB98-500077REB 98-01 CD-ROM \$480.00

Superfund Public Information System (SPIS) (on CD-ROM).  
PB98-500341REB 98-02 CD-ROM \$60.00

Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette).  
PB98-500473REB 98-02 CP D01

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape).  
PB98-500556REB 98-02 Mag Tape \$395.00

Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-500564REB 98-02 Diskette \$140.00

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-500572REB 98-02 CP D01

Emergency Response Notification System (ERNS), 1996 (on CD-ROM).  
PB98-500663REB 98-02 CD-ROM \$265.00

Emergency Response Notification System (ERNS), 1997 (on CD-ROM).  
PB98-500671REB 98-02 CD-ROM \$265.00

Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM).  
PB98-502289REB 98-03 CD-ROM CP D02

Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM).  
PB98-502313REB 98-03 CD-ROM CP D01

Inland Area Contingency Plan and Maps for Pennsylvania (on CD-ROM).  
PB98-502321REB 98-03 CD-ROM CP D01

Inland Area Contingency Plan and Maps for Virginia (on CD-ROM).  
PB98-502339REB 98-03 CD-ROM CP D01

Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
PB98-502354REB 98-04 CD-ROM \$60.00

Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-502388REB 98-04 CP D01

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM).  
PB98-502404REB 98-04 Mag Tape \$454.00

Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-502412REB 98-04 Diskette \$161.00

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

RCRA Permit Policy Compendium, September 1993 Update (on Diskette).  
PB98-502511REB 98-04 Diskette \$116.00

Integrated Risk Information System (IRIS) (on Diskette).  
PB98-591330REB 98-02 Standing Order

Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM).  
PB98-592570REB 98-02 Standing Order

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) Site Location Extract, Quarterly (on CD-ROM).  
SUB-5131REB 98-02 Subscription

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

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## DOSE-RESPONSE RELATIONSHIPS

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription  
Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM). (Reannouncement with new format and pricing information).  
SUB-5197REB 98-04 Subscription  
EPA Facility Index System (FINDS) File (on magnetic tape).  
SUB-5205REB 98-02 Subscription  
Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers).  
SUB-5252REB 98-02 Subscription  
Emergency Response Notification System (ERNS) Annual Cumulative (on CD-ROM).  
SUB-5335REB 98-02 Subscription  
Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM).  
SUB-5423REB 98-04 Subscription

### DATA FORMATS

Development of the EIIP Emission Inventory Data Model for Purposes of Facilitating Data Transfer between the States and U.S. EPA.  
PB98-116288REB 98-01 PC A03/MF A01

### DATA MANAGEMENT

EIIP Volume 1: Introduction and Use of EIIP Guidance for Emissions Inventory Development.  
PB98-118029REB 98-02 PC\$43.00/MF A02  
EIIP Volume 2: Point Sources Preferred and Alternative Methods.  
PB98-118037REB 98-02 PC\$67.00/MF A04  
EIIP Volume 3: Area Sources Preferred and Alternative Methods.  
PB98-118045REB 98-02 PC\$67.00/MF A04  
EIIP Volume 4: Mobile Sources Preferred and Alternative Methods.  
PB98-118052REB 98-02 PC\$43.00/MF A03  
EIIP Volume 5: Biogenic Sources Preferred and Alternative Methods.  
PB98-118060REB 98-02 PC\$43.00/MF A01  
EIIP Volume 6: Quality Assurance Procedures.  
PB98-118078REB 98-02 PC\$67.00/MF A04  
EIIP Volume 7: Data Management Procedures.  
PB98-118086REB 98-02 PC\$67.00/MF A04  
RCRA Implementation Plan (RIP): Fiscal Years 1996-97.  
PB98-150121REB 98-04 PC A06/MF A01

### DATA QUALITY

Using Qualified Data to Document an Observed Release and Observed Contamination.  
PB94-963311REB 98-02 PC A03/MF A01  
Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03  
Frequently Asked Questions: RAGS Part D.  
PB97-963311REB 98-02 PC A01/MF A01  
Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions.  
PB97-963313REB 98-03 PC A05/MF A01  
Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim).  
PB98-963302REB 98-02 PC A02/MF A01

### DATA REQUIREMENTS

Pesticide Registration (PR) Notice 98-1: Self-Certification of Product Chemistry Data.  
PB98-126832REB 98-02 PC A03/MF A01

### DATA TRANSMISSION

Development of the EIIP Emission Inventory Data Model for Purposes of Facilitating Data Transfer between the States and U.S. EPA.  
PB98-116288REB 98-01 PC A03/MF A01

### DATABASES

Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet.  
PB98-153174REB 98-04 PC A02/MF A01  
Global Emissions Database (GloED) Version 1.0 (on Diskette).  
PB98-500580REB 98-04 CP D02

### DATE BASES

RAC/BACT/LAER Clearinghouse Information System (RBL/C). User's Manual.  
PB98-142599REB 98-03 PC A11/MF A03

### DECISION MAKING

Final Guidance on Improving Communication to Achieve Collaborative Decision-Making at Department of Energy Sites.  
PB98-963239REB 98-03 PC A02/MF A01

### DECONTAMINATION

Performance Characteristics of a Multi-Stage Process for Ex-situ Treatment of Solids or Liquids Contaminated with Chlorinated Organics.  
PB98-138662REB 98-03 PC A03/MF A01

### DEGASIFICATION

National Assessment of Environmental and Economic Benefits from Methane Control and Utilization Technologies at U.S. Underground Coal Mines.  
PB98-118144REB 98-02 PC A09/MF A02

### DEGREASING

Demonstration of Liquid CO2 as an Alternative for Metal Parts Cleaning.  
PB98-151632REB 98-04 PC A02/MF A01

### DELAWARE

Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM).  
PB98-502313REB 98-03 CD-ROM CP D01

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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Petitions, Delistings, and Variances Updated July 1997.  
PB98-108186REB 98-02 PC A03/MF A01

### DELIVERY

Alternative Methods for Fluid Delivery and Recovery: Manual.  
PB98-169956REB 98-04 PC A07/MF A02

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Fuel Cell Bus Demonstration in Mexico City.  
PB98-142037REB 98-04 PC A03/MF A01

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Research Issues for Thermal Remediation.  
PB98-135114REB 98-03 PC A03/MF A01

### DERMAL ABSORPTION

Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04

### DESIGN ANALYSIS

Life Cycle Design of a Fuel Tank System. General Motors Demonstration Project.  
PB98-117856REB 98-02 PC A06/MF A01

Developing Guidance for Considering Cost-Effectiveness When Selecting and Designing IAQ Control Approaches.  
PB98-151780REB 98-04 PC A03/MF A01

### DESIGN CRITERIA

Guide to Technical Resources for the Design of Land Disposal Facilities.  
PB98-102270REB 98-01 PC A06/MF A01

Comparison of Design Specifications for Three Large Environmental Chambers.  
PB98-155146REB 98-04 PC A03/MF A01

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Capsule Report: Wellman-Lord SO2 Recovery Process. Flue Gas Desulfurization Plant.  
PB98-102262REB 98-01 PC A03/MF A01

Sulfur Oxides Control Technology Series: Flue Gas Desulfurization. Wellman-Lord Process.  
PB98-102296REB 98-01 PC A04/MF A01

Capsule Report: Double Alkali Flue Gas Desulfurization System Applied at the General Motors Parma, Ohio Facility.  
PB98-102312REB 98-01 PC A03/MF A01

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ADA350763REB 98-04 PC A01/MF A01

Method Validation and Application for Semivolatile Organic Compounds in Dust and Soil: Pesticides and PCBs.  
PB98-113376REB 98-01 PC A05/MF A01

Comparison of Commercial vs Homeowner Application for Transport of Lawn-Applied Herbicide 2,4-D into Homes.  
PB98-116536REB 98-01 PC A03/MF A01

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Guidance for Landfilling Waste in Economically Developing Countries.  
PB98-142102REB 98-03 PC A19/MF A04

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CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03

### DIESEL EMISSIONS

Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06

### DIESEL ENGINE EXHAUST

Comparison of Emission Models with On-Road Heavy-Duty Diesel Modal Data.  
PB98-116353REB 98-02 PC A03/MF A01

### DIESEL ENGINE EXHAUST EMISSIONS

On-Road Sampling of Diesel Engine Emissions of Polychlorinated Dibenzop-p-Dioxin and Polychlorinated Dibenzofuran.  
PB98-140353REB 98-03 PC A03/MF A01

### DIFFUSION MODELING

National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997.  
PB98-109150REB 98-01 PC A20/MF A04

AREMOD's Simplified Algorithm for Dispersion in Complex Terrain.  
PB98-116510REB 98-01 PC A03/MF A01

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PB97-963309REB 98-03 PC A02/MF A01

Locating and Estimating Air Emissions from Sources of Dioxins and Furans.  
PB98-116650REB 98-02 PC A16/MF A03

Inventory of Sources of Dioxin in the United States. Review Draft.  
PB98-137037REB 98-03 PC A21/MF A04

Dioxin Formation Mechanisms: Implications for Combustion Technologies.  
PB98-145584REB 98-03 PC A03/MF A01

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PB98-151491REB 98-04 PC A03/MF A01

Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM).  
PB98-502289REB 98-03 CD-ROM CP D02

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PB98-153042REB 98-04 PC A02/MF A01

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PB98-153083REB 98-04 PC A08/MF A02

### DIRECTORIES

National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
PB98-148273REB 98-04 PC A15/MF A03

### DISASTERS

Disaster and Emergency Response. Mission Assignment Guidance.  
PB97-963408REB 98-01 PC A06/MF A01

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Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water.  
PB98-140775REB 98-03 PC A06/MF A01

### DISINFECTION

Design Manual: Municipal Wastewater Disinfection.  
PB98-126618REB 98-02 PC A13/MF A03

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PB98-135114REB 98-03 PC A03/MF A01

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PB98-106420REB 98-01 PC A07/MF A02

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Mercury Study Report to Congress. Volume 5. Health Effects of Mercury and Mercury Compounds.  
PB98-124779REB 98-02 PC A17/MF A03

Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02

Toxicological Review of Bentazon (CAS No. 25057-89-0).  
PB98-151764REB 98-04 PC A04/MF A01

Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
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Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01

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Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
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Delineation of Source Water Protection Areas, a Discussion for Managers. Part 1. A Conjunctive Approach for Ground Water and Surface Water.  
PB98-133267REB 98-02 PC A04/MF A01  
Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water.  
PB98-140775REB 98-03 PC A06/MF A01  
Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices, Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List.  
PB98-144694REB 98-03 PC A04/MF A01  
Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices, Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules.  
PB98-144736REB 98-03 PC A03/MF A01  
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- Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01
- Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A08/MF A01
- ENVIRONMENTAL EXPOSURE PATHWAY**  
Method Validation and Application for Semivolatile Organic Compounds in Dust and Soil: Pesticides and PCBs.  
PB98-113376REB 98-01 PC A05/MF A01
- Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.  
PB98-124001REB 98-02 PC A09/MF A06
- Mercury Study Report to Congress. Volume 3. Fate and Transport of Mercury in the Environment.  
PB98-124753REB 98-02 PC A18/MF A04
- Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04
- ENVIRONMENTAL FATE**  
Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series.  
PB98-118102REB 98-02 PC A20/MF A04
- Mercury Study Report to Congress. Volume 3. Fate and Transport of Mercury in the Environment.  
PB98-124753REB 98-02 PC A18/MF A04
- Estimation of Infiltration Rate in the Vadose Zone: Compilation of Simple Mathematical Models. Volume 1.  
PB98-142474REB 98-03 PC A06/MF A01
- Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FATE Module. A Status Report.  
PB98-145485REB 98-04 PC A09/MF A02
- Estimation of Infiltration Rate in the Vadose Zone: Application of Selected Mathematical Models. Volume 2.  
PB98-147317REB 98-03 PC A08/MF A02
- ENVIRONMENTAL HEALTH**  
National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.  
PB98-152994REB 98-04 PC A03/MF A01
- ENVIRONMENTAL IMPACT**  
Evaluation of Dredged Material Proposed For Discharge in Waters of the U.S. - Testing Manual. Inland Testing Manual.  
AD-A338 883/2REB 98-03 PC A25/MF A04
- ENVIRONMENTAL IMPACT ASSESSMENTS**  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1.  
PB98-153190REB 98-04 PC A06/MF A02
- Environmental Assessment for the Proposed Effluent Guidelines for the Landfills Point Source Category. Volume 1.  
PB98-154016REB 98-04 PC A08/MF A02
- Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Clearing Category. Volume 1. Final Report.  
PB98-161243REB 98-04 PC A09/MF A02
- Health Effects Assessment Summary Tables.  
PB98-921100REB 98-02 Standing Order
- Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual.  
PB98-963251REB 98-04 PC A09/MF A06
- ENVIRONMENTAL IMPACT STATEMENTS**  
Final Environmental Impact Statement for National Aeronautics and Space Administration Office of Space Science.  
AD-A338 963/2REB 98-03 PC A07/MF A02
- ENVIRONMENTAL IMPACTS**  
Nitrogen Oxides: Impacts on Public Health and the Environment.  
PB98-104631REB 98-01 PC A09/MF A02
- SAB Report: Ecological Impacts and Evaluation Criteria for the Use of Structures in Marsh Management.  
PB98-133721REB 98-02 PC A05/MF A01
- Who Pays for Sprawl: The Economic, Social, and Environmental Impacts of Sprawl Development: A Literature Review.  
PB98-141120REB 98-03 PC A04/MF A01
- Profile of the Air Transportation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-158686REB 98-04 PC A07/MF A02
- ENVIRONMENTAL IMPACTS ASSESSMENTS**  
Ecosystem Management, Chapter 2.  
PB98-116411REB 98-01 PC A04/MF A01
- ENVIRONMENTAL INDUSTRY**  
Survey of Environmental Products and Services.  
PB98-143365REB 98-03 PC A04/MF A01
- ENVIRONMENTAL JUSTICE**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998).  
PB98-963229REB 98-03 PC A03/MF A01
- ENVIRONMENTAL LAW**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Other Laws That Interface with RCRA Updated July 1997.  
PB98-108160REB 98-02 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Applicable or Relevant and Appropriate Requirements (Updated February 1998).  
PB98-963228REB 98-03 PC A03/MF A01
- ENVIRONMENTAL MANAGEMENT**  
Test and Evaluation of Six Fire Resistant Booms at Onmsell.  
AD-A344 642/4REB 98-03 PC A05/MF A01
- ENVIRONMENTAL MONITORING**  
Monitoring Design for Riparian Forests in the Pacific Northwest. Research Plan.  
PB98-115363REB 98-01 PC A08/MF A02
- Atmospheric Deposition in Maryland: Assessment of Status, Trends, and Environmental Effects.  
PB98-119274REB 98-02 PC A08/MF A02
- Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.  
PB98-123243REB 98-02 PC A11/MF A03
- Ambient Toxicity Testing in Chesapeake Bay, 5 Year Report.  
PB98-130982REB 98-02 PC A08/MF A02
- Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.  
PB98-151244REB 98-04 PC A03/MF A01



**ENVIRONMENTAL MONITORING AND ASSESSMENT PROGRAM**

SAB Report: Evaluation of the Environmental Monitoring and Assessment Program (EMAP) Research Strategy and Research Plan.  
PB98-104730REB 98-01 PC A03/MF A01

Environmental Monitoring and Assessment Program Surface Waters. Field Operations Manual for Lakes.  
PB98-122211REB 98-02 PC A13/MF A03

**ENVIRONMENTAL OFFENSES**

Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM). (Reannouncement with new format and pricing information).  
SUB-5197REB 98-04 Subscription

**ENVIRONMENTAL POLICY**

Advisory on the Need to Develop Ecological Risk Management Guidelines.  
PB98-104763REB 98-01 PC A02/MF A01

**ENVIRONMENTAL POLLUTANTS**

Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01

**ENVIRONMENTAL PROTECTION**

Investigation of Hydrogeologic Mapping to Delineate Protection Zones Around Springs: Report of Two Case Studies.  
PB97-199749REB 98-02 PC A05/MF A01

Environmental Technology Initiative: FY1994-FY1995 Projects. Removing Barriers to Innovations That Protect Public Health and the Environment.  
PB98-120728REB 98-02 PC A10/MF A02

Protecting Wetlands 2: Technical and Financial Assistance Programs for Local Governments in the Chesapeake Bay Region.  
PB98-133416REB 98-02 PC A07/MF A02

National Estuary Program: A Ten-Year Perspective. Demonstrating Practical Tools for Watershed Management through the National Estuary Program.  
PB98-152937REB 98-04 PC A02/MF A01

Community-Based Environmental Protection: A Resource Book for Protecting Ecosystems and Communities.  
PB98-158694REB 98-04 PC A08/MF A02

Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
PB98-169782REB 98-04 PC A02/MF A01

EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin.  
SUB-8042REB 98-02 Subscription

**ENVIRONMENTAL PROTECTION AGENCY**

Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM). (Reannouncement with new format and pricing information).  
SUB-5197REB 98-04 Subscription

EPA Facility Index System (FINDS) File (on magnetic tape).  
SUB-5205REB 98-02 Subscription

**ENVIRONMENTAL RADIATION AMBIENT MONITORING SYSTEM**

SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II.  
PB98-169964REB 98-04 PC A04/MF A01

**ENVIRONMENTAL RELEASES**

Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM).  
PB98-502289REB 98-03 CD-ROM CP D02

**ENVIRONMENTAL STRESSORS**

Effects of Single and Multiple Stressors on Communities of Wheat and Wild Oats.  
PB98-151269REB 98-03 PC A09/MF A02

**ENVIRONMENTAL SURVEYS**

Lake Michigan Water Quality Report 1992-1993.  
PB98-123052REB 98-02 PC A08/MF A02

Study on Integrating Surveys of Terrestrial Natural Resources: The Oregon Demonstration Project.  
PB98-136930REB 98-03 PC A05/MF A01

Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor.  
PB98-167836REB 98-04 PC A07/MF A02

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PB98-155146REB 98-04 PC A03/MF A01

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PB98-106495REB 98-01 PC A12/MF A03

Comparison of Commercial vs Homeowner Application for Transport of Lawn-Applied Herbicide 2,4-D into Homes.  
PB98-116536REB 98-01 PC A03/MF A01

Development of Analytical Methods for Specific Lawn-Applied Pesticides in House Dust.  
PB98-117906REB 98-02 PC A06/MF A01

Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series.  
PB98-118102REB 98-02 PC A20/MF A04

Mercury Study Report to Congress. Volume 3. Fate and Transport of Mercury in the Environment.  
PB98-124753REB 98-02 PC A18/MF A04

Contribution of Dissolved Organic Nitrogen Deposition to Mid-Atlantic Coastal Waters. Precipitation Concentration, Isotopic Composition and Wet Flux.  
PB98-125313REB 98-02 PC A05/MF A01

Behavior of Toxic Metals during Contact of Synthetic Coal Leachates with Maryland Coastal Plain Soil.  
PB98-125388REB 98-02 PC A05/MF A01

Estimation of Infiltration Rate in the Vadose Zone: Comparison of Simple Mathematical Models. Volume 1.  
PB98-142474REB 98-03 PC A06/MF A01

Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FaTE Module. A Status Report.  
PB98-145485REB 98-04 PC A09/MF A02

Novel, Whole-Field, Non-Intrusive Diagnostic Technique for Improvement of Indoor Air Quality.  
PB98-151673REB 98-04 PC A03/MF A01

**ENZYMES**

Remediation Using Plants and Plant Enzymes: A Progress Report.  
ADA350530REB 98-04 PC A01/MF A01

Biochemical Remediation Using Plant Enzymes.  
ADA351092REB 98-04 PC A01/MF A01

**EPA METHOD 101B**

Development of a Method for the Speciation of Source Mercury Emissions.  
PB98-147267REB 98-03 PC A03/MF A01

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Analysis of Method TO-14 Target Analytes Using a Cryofocusing High-Speed Gas Chromatograph Interfaced to a High-Speed Time-of-Flight Mass Spectrometer.  
PB98-116262REB 98-02 PC A03/MF A01

**EPA METHODS 0040**

Field Evaluation of EPA Method 0040 (Volatiles Using Bags).  
PB98-133085REB 98-03 PC A08/MF A02

**EPA METHODS 1622**

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PB98-153059REB 98-04 PC A05/MF A01

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Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
PB98-131899REB 98-02 PC A25/MF A04

**EPCRA (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT)**

Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304).  
PB98-963230REB 98-03 PC A03/MF A01

**EPIDEMIOLOGY**

U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
PB98-169766REB 98-04 PC A04/MF A01

**EQUATIONS**

Conversion Equations for Use in Section 403 Rule-making.  
PB98-159429REB 98-04 PC A09/MF A02

**EQUIPMENT**

Draft Guidance on CT Equipment Purchase.  
PB98-963226REB 98-03 PC A02/MF A01

**ERAMS (ENVIRONMENTAL RADIATION AMBIENT MONITORING SYSTEM)**

SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II.  
PB98-169964REB 98-04 PC A04/MF A01

**ERMS (EMISSIONS REDUCTION MARKETING SYSTEM)**

ERMS Guidebook: Cleaner Air, Reduced Cost, Illinois EPA.  
PB98-141484REB 98-03 PC A03/MF A01

**ERNS (EMERGENCY RESPONSE NOTIFICATION SYSTEM)**

Emergency Response Notification System (ERNS), 1996 (on CD-ROM).  
PB98-500663REB 98-02 CD-ROM \$265.00

Emergency Response Notification System (ERNS), 1997 (on CD-ROM).  
PB98-500671REB 98-02 CD-ROM \$265.00

**ESD (EXPLANATION OF SIGNIFICANCE DIFFERENCE)**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): DeFlewer Chemical Co., Kingwood Township, NJ., June 12, 1997.  
PB97-963137REB 98-03 PC A02/MF A01

**ESD (EXPLANATION OF SIGNIFICANT DIFFERENCE)**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Love Canal, Niagara Falls, NY., September 5, 1996.  
PB98-963131REB 98-01 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: PSC Resources, Palmer, MA., November 26, 1996.  
PB97-963102REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site),  
PB97-963103REB 98-03 PC A03/MF A01

(O.U. 1), (Management of Migration Operable Unit), Groveland, MA., November 11, 1996.  
PB97-963103REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (Source Control Operable Unit), (O.U. 2), Groveland, MA., November 15, 1996.  
PB97-963104REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: South Municipal Water Well Supply, Peterborough, NH., February 3, 1997.  
PB97-963105REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Croymen TCE, Croymen, PA., December 31, 1996.  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Brown's Battery Breaking, Shoemakersville, PA., December 1996.  
PB97-963108REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Tonoli Corp., Nesquehoning, PA., January 7, 1997.  
PB97-963109REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Industrial Lane, Williams Township, PA., December 5, 1996.  
PB97-963110REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): United Heckathorn Company, Richmond, CA., November 29, 1996.  
PB97-963111REB 98-04 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE) (Treatment Facilities A and B), Livermore, CA., April 16, 1997.  
PB97-963112REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): San Fernando Valley (Area 1), Burbank Operable Unit, Los Angeles, CA., February 12, 1997.  
PB97-963113REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE) (Metal Discharge Limits), Livermore, CA., April 15, 1997.  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Apache Powder Co., St. David, AZ., April 16, 1997.  
PB97-963115REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Tucson International Airport Area, (Areas A and B Groundwater Operable Unit), Tucson, AZ., February 27, 1997.  
PB97-963116REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Selma Treating Co., Selma, CA., April 18, 1997.  
PB97-963117REB 98-04 PC A08/MF A02

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Westinghouse Electric Corp. (Sunnyvale), Sunnyvale, CA., March 14, 1997.  
PB97-963118REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Tottdahl Drums, Brush Prairie, WA., June 17, 1997.  
PB97-963119REB 98-04 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Commencement Bay, Near Shore/Tide Flats, Operable Unit 01 - Sediments and Operable Unit 05 - Source, Pierce County, WA., July 28, 1997.  
PB97-963120REB 98-04 PC A07/MF A02

Superfund Record of Decision Amendment (EPA Region 5): Clare Water Supply, Clare, MI., May 15, 1997.  
PB97-963123REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Fields Brook (Sediment Operable Unit), Ashland, OH., August 15, 1997.  
PB97-963126REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Teledyne Wah Chang, Albany, OR., October 8, 1996.  
PB97-963128REB 98-04 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Volney Municipal Landfill, Town of Volney, NY., August 7, 1997.  
PB97-963129REB 98-04 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Bendix Flight Systems Division, South Montrose, PA., November 22, 1996.  
PB97-963130REB 98-03 PC A02/MF A01

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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 7): Cornhusker Army Ammunition Plant, Hall County, NE., February 7, 1997.  
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PB97-963141REB 98-03 PC A02/MF A01

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PB97-963142REB 98-03 PC A02/MF A01

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PB97-963143REB 98-03 PC A02/MF A01

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PB97-963144REB 98-03 PC A02/MF A01

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PB97-963146REB 98-03 PC A04/MF A01

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PB97-963147REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Salem Acres, Salem, MA., April 11, 1997.  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Powell Road Landfill, Dayton, OH., January 23, 1997.  
PB97-963150REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Powell Road Landfill, Dayton, OH., August 13, 1997.  
PB97-963151REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Janesville Ash Beds and Janesville Old Landfill, Janesville, WI., September 17, 1997.  
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PB97-963154REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Fort Ord, Operable Unit 2, Marina, CA., January 17, 1997.  
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PB98-153026REB 98-04 PC A04/MF A01

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Enhanced Bioremediation of BTEX Using Immobilized Nutrients: Field Demonstration and Monitoring.  
PB97-186290REB 98-01 PC A05/MF A01

**ETHYLENE OXIDE**

Ethylene Oxide Commercial Sterilization and Fumigation Operations NESHAP. Implementation Document.  
PB98-103385REB 98-01 PC A05/MF A01

Ethylene Oxide Emissions from Commercial Sterilization/Fumigation Operations. Background Information for Final Standards: Summary of Public Comments and Responses.  
PB98-117864REB 98-02 PC A06/MF A01

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Heat Transfer Evaluation of HFC-236a in Condensation and Evaporation.  
PB98-136203REB 98-03 PC A06/MF A02

Heat Transfer Evaluation of HFC-236a with High Performance Enhanced Tubes in Condensation and Evaporation.  
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PB98-108244REB 98-02 PC A04/MF A01

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PB98-135619REB 98-03 PC A03/MF A01

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PB98-165145REB 98-04 PC A10/MF A03

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Superfund Explanation of Significant Difference for the Record of Decision: South Municipal Water Well Supply, Peterborough, NH., February 3, 1997.  
PB97-963105REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Revere Chemical Co., Nockamixon Township, PA., March 25, 1997.  
PB97-963141REB 98-03 PC A02/MF A01

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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Salem Acres, Salem, MA., April 11, 1997.  
PB97-963148REB 98-03 PC A02/MF A01

**EXPLANATION OF SIGNIFICANT DIFFERENCE**

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PB98-963131REB 98-01 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (O.U. 1), (Management of Migration Operable Unit), Groveland, MA., November 11, 1996.  
PB97-963103REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (Source Control Operable Unit), (O.U. 2), Groveland, MA., November 15, 1996.  
PB97-963104REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Croyden TCE, Croyden, PA., December 31, 1996.  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Brown's Battery Breaking, Shoemakersville, PA., December 1996.  
PB97-963108REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Tonoli Corp., Nesquehoning, PA., January 7, 1997.  
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PB97-963110REB 98-03 PC A03/MF A01

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PB97-963111REB 98-04 PC A02/MF A01

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PB97-963112REB 98-03 PC A03/MF A01

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PB97-963113REB 98-03 PC A04/MF A01

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PB97-963114REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Apache Powder Co., St. David, AZ., April 16, 1997.  
PB97-963115REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Tucson International Airport Area, (Areas A and B Groundwater Operable Unit), Tucson, AZ., February 27, 1997.  
PB97-963116REB 98-03 PC A03/MF A01

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PB97-963117REB 98-04 PC A08/MF A02

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Westinghouse Electric Corp. (Sunnyvale), Sunnyvale, CA., March 14, 1997.  
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PB97-963128REB 98-04 PC A03/MF A01

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PB97-963137REB 98-03 PC A02/MF A01

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PB97-963138REB 98-03 PC A03/MF A01

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PB97-963142REB 98-03 PC A02/MF A01

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PB97-963143REB 98-03 PC A02/MF A01

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PB97-963144REB 98-03 PC A02/MF A01

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PB97-963145REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 6): Crystal Chemical Co., Houston, TX., March 19, 1997.  
PB97-963146REB 98-03 PC A04/MF A01

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PB97-963151REB 98-03 PC A03/MF A01

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PB97-963153REB 98-03 PC A03/MF A01

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PB98-135205REB 98-03 PC A03/MF A01
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PB97-963105REB 98-03 PC A03/MF A01  
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PB97-963109REB 98-03 PC A02/MF A01  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Commencement Bay, Near Shore/Tide Flats, Operable Unit 01 - Sediments and Operable Unit 05 - Source, Pierce County, WA., July 28, 1997.  
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EPA Superfund Program Policies and Administration. PB98-963200REB 98-02 Standing Order

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Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment. PB98-117831REB 98-03 PC A04/MF A01

Guidelines for Ecological Risk Assessment: Notice. PB98-117849REB 98-03 PC A14/MF A03

Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series. PB98-118102REB 98-02 PC A20/MF A04

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Guideline on Ozone Monitoring Site Selection. PB98-173453REB 98-04 PC A06/MF A02

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM). PB98-500010REB 98-01 CD-ROM \$140.00

**GUIDES**

Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions. PB97-963313REB 98-03 PC A05/MF A01

Guide to Technical Resources for the Design of Land Disposal Facilities. PB98-102270REB 98-01 PC A06/MF A01

Citizens's Guide to Pest Control and Pesticide Safety. PB98-118474REB 98-02 PC A05/MF A01

Putting Energy into Profits. ENERGY STAR (Trade Name) Small Business Guide. PB98-143308REB 98-03 PC A07/MF A02

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Science Policy Council Handbook: Peer Review. PB98-140726REB 98-03 PC A08/MF A02

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Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 2, Appendices. PB98-131782REB 98-02 PC A14/MF A03

Air Pollution Control Technologies. Chapter 65. PB98-147242REB 98-03 PC A03/MF A01

**HAZARDOUS MATERIAL**

Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition. PB98-111750REB 98-02 PC\$49.00

**HAZARDOUS MATERIALS**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Love Canal, Niagara Falls, NY., September 5, 1996. PB98-963131REB 98-01 PC A03/MF A01

Superfund Removal Procedures. Response Management: Removal Action Start-Up to Close-Out. PB98-963407REB 98-01 PC A05/MF A01

Remediation Case Studies: Bioremediation and Vitrification. Volume 5. PB97-177554REB 98-01 PC A13/MF A03

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Superfund Explanation of Significant Difference for the Record of Decision: Auburn Road Landfill, Londonderry, NH., December 19, 1996. PB97-963101REB 98-03 PC A06/MF A01

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PB97-963131REB 98-03 PC A05/MF A01

Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance.  
PB97-963134REB 98-03 PC A06/MF A01

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Superfund Record of Decision (EPA Region 9): Camp Pendleton Marine Corps Base, Operable Unit 2, San Diego, CA., September 30, 1997.  
PB97-964516REB 98-04 PC A15/MF A03

Superfund Record of Decision (EPA Region 9): Norton Air Force Base, Operable Unit 3, Site 19 Waste Drum Storage Area No. 1, San Bernardino, CA., June 25, 1997.  
PB97-964517REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 10): Harbor Island (Lead), The Shipyard Sediment Operable Unit, Seattle, WA., November 27, 1996.  
PB97-964601REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit A) (aka: Bremerton Naval Complex), Bremerton, WA., January 24, 1997.  
PB97-964602REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Hanford 200 Area (USDOE), (200-UP-1 Operable Unit), Benton County, WA., February 11, 1997.  
PB97-964604REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 10): Monsanto Chemical Co. (Soda Springs), Soda Springs, ID., April 30, 1997.  
PB97-964605REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Elmendorf Air Force Base, Operable Unit 3, Greater Anchorage Borough, AK., December 5, 1996.  
PB97-964606REB 98-04 PC A05/MF A01

Superfund Record of Decision (EPA Region 10): Elmendorf Air Force Base, Operable Unit 6 and Source Area SS 19, Greater Anchorage Borough, AK., December 4, 1996.  
PB97-964607REB 98-04 PC A12/MF A03

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 1, Fairbanks North Star Borough, AK., June 27, 1997.  
PB97-964608REB 98-04 PC A09/MF A02

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK., March 31, 1997.  
PB97-964609REB 98-04 PC A10/MF A03

Superfund Record of Decision (EPA Region 10): East Multnomah County Groundwater Contamination, Operable Unit 1, Multnomah County, OR., December 31, 1996.  
PB97-964610REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): East Multnomah County Ground Water Contamination, Operable Unit 2, Multnomah County, OR., December 31, 1996.  
PB97-964611REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Boomsnub/Airco Site-Wide Ground Water Operable Unit, Vancouver, WA., September 29, 1997.  
PB97-964612REB 98-04 PC A09/MF A02

Superfund Record of Decision (EPA Region 10): Old Navy Dump Manchester Laboratory (USEPA/NOAA), Manchester, WA., September 30, 1997.  
PB97-964613REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Fort Richardson (US Army), Operable Units A and B, Anchorage, AK., September 15, 1997.  
PB97-964614REB 98-04 PC A09/MF A02

Guidance on EPA Participation in Bankruptcy Cases.  
PB98-103146REB 98-01 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Boilers and Industrial Furnaces (40 CFR Part 266, Subpart H) Updated July 1997.  
PB98-108020REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Containers (40 CFR Parts 264/265, Subpart I, Section 261.7) Updated July 1997.  
PB98-108046REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Containment Buildings (40 CFR Parts 264/265, Subpart DD) Updated July 1997.  
PB98-108053REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Definition of Solid Waste and Hazardous Waste Recycling (40 CFR Parts 261.2 and 261.9) Updated July 1997.  
PB98-108061REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Drip Pads (40 CFR Parts 264 and 265, Subpart W) Updated July 1997.  
PB98-108079REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Generators (40 CFR Part 262) Updated July 1997.  
PB98-108095REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Hazardous Waste Identification (40 CFR Part 261) Updated July 1997.  
PB98-108111REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Hazardous Waste Incinerators (40 CFR Parts 264/265, Subpart O) Updated July 1997.  
PB98-108129REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Restrictions (40 CFR Part 268) Updated July 1997.  
PB98-108137REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Units (40 CFR Parts 264/265, Subparts K, L, M, N) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Tanks (40 CFR Parts 264/265, Subpart J) Updated July 1997.  
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PB98-108293REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
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Federal Remediation Technologies Screening Matrix and Reference Guide, Third Edition.  
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PB98-123300REB 98-02 PC A06/MF A01

Technical Support Document for the Round Two Sewage Sludge Pollutants. PB98-126071REB 98-02 PC A21/MF A04

Capsule Report: Sources and Air Emission Sources and Control Technologies at Waste Management Facilities. PB98-131998REB 98-03 PC A04/MF A01

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RCRA Implementation Plan (RIP): Fiscal Years 1996-97. PB98-150121REB 98-04 PC A06/MF A01

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Site Enforcement Tracking System (SETS) (National) (on Diskette). PB98-502453REB 98-04 CP D02

RCRA Permit Policy Compendium, September 1993 Update (on Diskette). PB98-502511REB 98-04 Diskette \$116.00

Health Effects Assessment Summary Tables. PB98-921100REB 98-02 Standing Order

ROD Amendments and Explanations of Significant Differences (ESD). PB98-963100REB 98-02 Standing Order

Environmental Response Training Program Schedule of Courses, September 1, 1998 - September 30, 1999. PB98-96327REB 98-03 PC A06/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998). PB98-963235REB 98-03 PC A03/MF A01

Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual. PB98-963251REB 98-04 PC A99/MF A06

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EPA Superfund Records of Decision (RODS) for Region 7: Iowa, Kansas, Missouri, and Nebraska. PB98-964300REB 98-02 Standing Order

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EPA Superfund Records of Decision (RODS) for Region 10: Alaska, Idaho, Oregon, and Washington. PB98-964600REB 98-02 Standing Order

CERCLUS (Comprehensive Environmental Response, Compensation, and Liability Information System) Site Location Extract, Quarterly (on CD-ROM). SUB-5131REB 98-02 Subscription

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Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape). SUB-5179REB 98-02 Subscription

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Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska. PB98-963205REB 98-02 PC A25/MF A04

Emergency Response Notification System (ERNS) Annual Cumulative (on CD-ROM). SUB-5335REB 98-02 Subscription

**HAZARDOUS WASTES**

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid and Hazardous Waste Exclusions (40 CFR Part 261.4) Updated July 1997. PB98-108244REB 98-02 PC A04/MF A01

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Pesticide Registration Notice PR 98-4. Notice to Manufacturers, Formulators, Producers, Distributors and Registrants of Pesticide Products. Additional Guidance on Final FIFRA Section 6(a)(2) Regulations for Pesticide Product Registrants. PB98-166473REB 98-04 PC A03/MF A01

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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Financial Assurance (40 CFR Parts 264 and 265, Subpart H) Updated November 1997. PB98-108087REB 98-02 PC A03/MF A01

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Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE). PB98-153026REB 98-04 PC A04/MF A01

Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet. PB98-153174REB 98-04 PC A02/MF A01

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Human Health Risk Assessment Research Strategy. External Review Draft. AD-A346 913/7REB 98-04 PC A06/MF A01

**HEALTH EFFECTS**

Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background. PB98-101967REB 98-04 PC A99/MF A06

Nitrogen Oxides: Impacts on Public Health and the Environment. PB98-104631REB 98-01 PC A09/MF A02

Mercury Study Report to Congress. Volume 1. Executive Summary. PB98-124738REB 98-02 PC A07/MF A02

Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE). PB98-126667REB 98-02 PC A02/MF A01

Chloroethane Carcinogenicity (CAS No. 75-00-3). PB98-143274REB 98-03 PC A04/MF A01

Nitrobenzene Carcinogenicity (CAS No. 98-95-3). PB98-143282REB 98-03 PC A04/MF A01

Pesticides and National Strategies for Health Care Providers. Workshop Proceedings. Held on April 23-24, 1998. PB98-164668REB 98-04 PC A05/MF A01

Integrated Risk Information System (IRIS) (on Diskette). PB98-591330REB 98-02 Standing Order

**HEALTH HAZARDS**

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim). PB97-963305REB 98-02 PC E13/MF A03

Frequently Asked Questions: RAGS Part D. PB97-963311REB 98-02 PC A01/MF A01

Health Assessment Document for Diesel Emissions (Preliminary Draft). PB98-124308REB 98-02 PC A99/MF A06

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 1. PB98-131774REB 98-02 PC A23/MF A04

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 2. Appendices. PB98-131782REB 98-02 PC A14/MF A03

Supplement to the Second Addendum (1986) to Air Quality Criteria for Particulate Matter and Sulfur Oxides (1982): Assessment of New Findings on Sulfur Dioxide Acute Exposure Health Effects in Asthmatic Individuals. PB98-132384REB 98-03 PC A07/MF A02

Taking Toxics Out of the Air. Progress in Setting 'Maximum Achievable Control Technology' Standards under the Clean Air Act. PB98-132780REB 98-03 PC A04/MF A01

Health Risk Assessment of 1,3-Butadiene. PB98-133010REB 98-02 PC A15/MF A03

Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7). PB98-151756REB 98-04 PC A07/MF A02

Toxicological Review of Bentazon (CAS No. 25057-89-0). PB98-151764REB 98-04 PC A04/MF A01

Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9). PB98-151798REB 98-04 PC A05/MF A01

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Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules, Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule.  
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Clean Water Needs Survey Report to Congress, 1996. Assessment of Needs for Publicly Owned Wastewater Treatment Facilities, Correction of Combined Sewer Overflows and Management of Storm Water and Nonpoint Source Pollution in the United States.  
PB98-133226REB 98-02 PC A07/MF A02

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PB98-161185REB 98-04 PC A06/MF A01

NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02

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Chemical Industry National Environmental Baseline Report, 1990-1994.  
PB98-110406REB 98-02 PC A09/MF A02

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- Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
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Proceedings of the National Watershed Water Quality Project Symposium. Held in Washington DC. on September 22-26, 1997.  
PB98-136955REB 98-03 PC A13/MF A03

Site Characterization for Subsurface Remediation. Seminar Publication.  
PB98-147333REB 98-03 PC A14/MF A03

Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC. on April 24-26, 1995.  
PB98-151343REB 98-04 PC A99/MF A06

Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03

National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.  
PB98-152994REB 98-04 PC A03/MF A01

National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996.  
PB98-153141REB 98-04 PC A17/MF A03

Sanitary Sewer Overflow Workshop. Held in Washington, DC. on April 26-28, 1995.  
PB98-169972REB 98-04 PC A11/MF A03

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Mercury Study Report to Congress. Volume 1. Executive Summary.  
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Mercury Study Report to Congress. Volume 2. An Inventory of Anthropogenic Mercury Emissions in the United States.  
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Mercury Study Report to Congress. Volume 3. Fate and Transport of Mercury in the Environment.  
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Mercury Study Report to Congress. Volume 4. An Assessment of Exposure to Mercury in the United States.  
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Mercury Study Report to Congress. Volume 5. Health Effects of Mercury and Mercury Compounds.  
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PB98-126667REB 98-02 PC A02/MF A01

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PB98-102924REB 98-01 PC A03/MF A01

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## MOBILE POLLUTANT SOURCES

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- Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.05 (on Diskette). (Reannouncement with New Order Number). PB98-500333REB 98-01 CP D02

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- CASHOUT Model: Calculates Current Value of Superfund Cleanup Costs (Version 1.6) (on Diskette). PB98-500390REB 98-01 Diskette \$50.00

- PROJECT Model: Evaluates the Value of Supplemental Environmental Projects (SEP) (Version 1.3) (on Diskette). PB98-500408REB 98-01 Diskette \$50.00

- ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette). PB98-500416REB 98-01 Diskette \$50.00

- Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.07 (on Diskette). PB98-501943REB 98-02 CP D02

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- Interaction among Environmental Factors and Recruitment Potential in Striped Bass. PB98-119258REB 98-02 PC A11/MF A03

- Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices. Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List. PB98-144694REB 98-03 PC A04/MF A01

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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid Waste Programs Updated July 1997. PB98-108251REB 98-02 PC A03/MF A01
- Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites. PB98-118003REB 98-02 PC A03/MF A01
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- Basis and Purpose Document for the Development of Final National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery Operations. PB98-152663REB 98-04 PC A06/MF A01

- National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum. PB98-158538REB 98-04 PC A05/MF A01

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- Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities. PB98-144702REB 98-03 PC A09/MF A02

## NATIONAL POLLUTION DISCHARGE ELIMINATION

- Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules. Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule. PB98-144710REB 98-03 PC A07/MF A02

## NATIONAL RADON PROFICIENCY PROGRAM

- National Radon Proficiency Program: Guidance on Quality Assurance. PB98-123060REB 98-02 PC A08/MF A02

## NATIONAL REMEDY REVIEW BOARD

- National Remedy Review Board. Progress Report: Fiscal Year 1997. PB97-963250REB 98-02 PC A08/MF A02

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- SAB Report: Review of the National Risk Management Research Laboratory (NRMRL). PB98-104714REB 98-01 PC A04/MF A01

## NATIONAL SEDIMENT QUALITY SURVEY

- Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey. PB98-126063REB 98-02 PC A15/MF A03

- Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 3. National Sediment Contaminant Point Source Inventory. PB98-126683REB 98-02 PC A09/MF A02

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PB98-167836REB 98-04 PC A07/MF A02

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Clean Water Needs Survey Report to Congress, 1996. Assessment of Needs for Publicly Owned Wastewater Treatment Facilities, Correction of Combined Sewer Overflows and Management of Storm Water and Nonpoint Source Pollution in the United States.  
PB98-133226REB 98-02 PC A07/MF A02

### NERVOUS SYSTEM DISORDERS

Federal Register Volume 63, Number 93, Thursday, May 14, 1998. Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01

### NESHAP (NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS)

Ethylene Oxide Commercial Sterilization and Fumigation Operations NESHAP. Implementation Document.  
PB98-103385REB 98-01 PC A05/MF A01

Ethylene Oxide Emissions from Commercial Sterilization/Fumigation Operations. Background Information for Final Standards: Summary of Public Comments and Responses.  
PB98-117864REB 98-02 PC A06/MF A01

Economic Impact Analysis of the Proposed Oil and Natural Gas NESHAPs.  
PB98-135452REB 98-03 PC A12/MF A03

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PB98-152663REB 98-04 PC A06/MF A01

National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum.  
PB98-158538REB 98-04 PC A05/MF A01

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Federal Register Volume 63, Number 93, Thursday, May 14, 1998. Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01

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Animal Investigation Program (AIP). A.I.P. summary report on and around the Nevada Test Site from 1982-1995.  
DE97008803REB 98-01 PC A04/MF A01

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PB98-142052REB 98-03 PC A08/MF A02

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PB98-147218REB 98-03 PC A13/MF A03

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PB98-135866REB 98-03 PC A03/MF A01

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BEN Model: Calculates Violators' Economic Benefits from Noncompliance (Version 4.4) (on Diskette).  
PB98-500382REB 98-01 Diskette \$50.00

### NONHAZARDOUS WASTES

Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03

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PB98-105422REB 98-01 PC A05/MF A01

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PB98-136955REB 98-03 PC A13/MF A03

### NORTH ATLANTIC OCEAN

Contribution of Dissolved Organic Nitrogen Deposition to Mid-Atlantic Coastal Waters. Precipitation Concentration, Isotopic Composition and Wet Flux.  
PB98-125313REB 98-02 PC A05/MF A01

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RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Oil Pollution Prevention Regulation and the Oil Pollution Act of 1990 (Updated February 1998).  
PB98-963231REB 98-03 PC A03/MF A01

### NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)

Federal Register Volume 63, Number 31, Tuesday, February 17, 1998. Notices, Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities.  
PB98-144702REB 98-03 PC A09/MF A02

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Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States.  
PB98-105422REB 98-01 PC A05/MF A01

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Year of the Ocean. Discussion Papers. March 1998.  
PB98-145873REB 98-03 PC A18/MF A04

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PB98-145535REB 98-03 PC A03/MF A01

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PB98-152663REB 98-04 PC A06/MF A01

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PB98-143208REB 98-03 PC A07/MF A02

Microbiological Screening of the Indoor Air Quality in a Large Building.  
PB98-155120REB 98-04 PC A03/MF A01

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Measurement of Indoor Air Emissions from Office Equipment.  
PB98-151681REB 98-04 PC A03/MF A01

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Office of Solid Waste and Emergency Response Procedures for Contract Laboratory Program Investigations.  
PB98-963259REB 98-04 PC A02/MF A01

### OFFICE OF PESTICIDE PROGRAMS

Office of Pesticide Programs Annual Report for 1996.  
PB98-102338REB 98-01 PC A05/MF A01

### OFFICE OF RESEARCH AND DEVELOPMENT

SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee.  
PB98-155005REB 98-04 PC A04/MF A01

### OFFICE OF SCIENCE AND TECHNOLOGY

Catalog of Publications: Office of Science and Technology, 1997 Edition.  
PB98-102692REB 98-01 PC A08/MF A02

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SAB Report: Review of the Surface Impoundments Study (SIS) Plan. Review of the Office of Solid Waste's Proposed Surface Impoundment Study by the Environmental Engineering Committee.  
PB98-169303REB 98-04 PC A04/MF A01

### OFFICE OF SOLID WASTES AND EMERGENCY RESPONSE

Second Supplemental Five-Year Review Guidance.  
PB98-963204REB 98-01 PC A02/MF A01

### OFFICE OF WATER

Catalog of Publications: Office of Science and Technology, 1997 Edition.  
PB98-102692REB 98-01 PC A08/MF A02

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Emission Factors for Compression Ignition Nonroad Engines Operated on No. 2 Highway and Nonroad Diesel Fuel.  
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Test and Evaluation of Six Fire Resistant Booms at Ohmsett.  
AD-A344 642/4REB 98-03 PC A05/MF A01

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Superfund/Oil Program Implementation Manual Fiscal Year 1998.  
PB97-963219REB 98-01 PC A18/MF A04

Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
PB98-111685REB 98-01 PC A21/MF A04

Superfund/Oil Program Implementation Manual Fiscal Year 99/00.  
PB98-963201REB 98-04 PC A18/MF A03

### OIL POLLUTION CONTAINMENT

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AD-A344 642/4REB 98-03 PC A05/MF A01

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PB98-140320REB 98-03 PC A02/MF A01

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- Emergency Response Notification System (ERNS), 1996 (on CD-ROM). PB98-500663REB 98-02 CD-ROM \$265.00
- Emergency Response Notification System (ERNS), 1997 (on CD-ROM). PB98-500671REB 98-02 CD-ROM \$265.00
- Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM). PB98-502313REB 98-03 CD-ROM CP D01
- Inland Area Contingency Plan and Maps for Pennsylvania (on CD-ROM). PB98-502321REB 98-03 CD-ROM CP D01
- Inland Area Contingency Plan and Maps for Virginia (on CD-ROM). PB98-502339REB 98-03 CD-ROM CP D01
- Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska. PB98-963205REB 98-02 PC A25/MF A04
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- Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices, Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities.  
PB98-144702REB 98-03 PC A09/MF A02
- Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules, Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule.  
PB98-144710REB 98-03 PC A07/MF A02
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- Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM).  
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SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee. PB98-155005REB 98-04 PC A04/MF A01

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Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Analysis of Economic Impacts for Existing Sources. PB98-110133REB 98-01 PC A05/MF A01

Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices, Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules. PB98-144736REB 98-03 PC A03/MF A01

National Emission Standards for Aerospace Manufacturing and Rework Facilities: Summary of Requirements for Implementing the NESHAP. PB98-145501REB 98-03 PC A08/MF A02

National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum. PB98-158538REB 98-04 PC A05/MF A01

RCRA Permit Policy Compendium, September 1993 Update (on Diskette). PB98-502511REB 98-04 Diskette \$116.00

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Applicable or Relevant and Appropriate Requirements (Updated February 1998). PB98-963228REB 98-03 PC A03/MF A01

**POLLUTION SOURCES**

Acid Rain Hourly Emissions Data (Raw Data Only) (on CD-ROM). SUB-5431REB 98-03 Subscription

**POLYCHLORINATED BIPHENYLS**

Method Validation and Application for Semivolatile Organic Compounds in Dust and Soil: Pesticides and PCBs. PB98-113376REB 98-01 PC A05/MF A01

Assessment of Waukegan Harbor Sediment Contamination, April 1996. PB98-139249REB 98-03 PC A03/MF A01

**POLYCHLORINATED DIBENZODIOXINS**

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Research Plan: Interactive Effects of O3 and CO2 on the Ponderosa Pine Plant/Litter/Soil System. PB98-115306REB 98-02 PC A07/MF A02

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Locating and Estimating Air Emissions from Sources of Polycyclic Organic Matter. PB98-159882REB 98-04 PC A99/MF A06

Locating and Estimating Air Emissions from Sources of Benzene. PB98-159916REB 98-04 PC A99/MF A06

Locating and Estimating Air Emissions from Sources of Arsenic and Arsenic Compounds. PB98-163132REB 98-04 PC A14/MF A03

**POTABLE WATER**

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National Public Water System Supervision Program: FY96 Compliance Report. PB98-147358REB 98-03 PC A05/MF A01

Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity. PB98-169733REB 98-04 PC A03/MF A01

Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary. PB98-169758REB 98-04 PC A06/MF A01

U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report. PB98-169766REB 98-04 PC A04/MF A01

Information for the Public on Participating with States in Preparing Capacity Development Strategies. PB98-169774REB 98-04 PC A03/MF A01

Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996. PB98-169808REB 98-04 PC A05/MF A01

**POTATOES**

Environmental Protection Agency's White Paper on 'Bacillus thuringiensis' Plant-Pesticide Resistance Management. PB98-153133REB 98-04 PC A06/MF A01

**POWDER COATINGS**

Powder Coat Applications. (Reannounced with new abstract). PB98-108624REB 98-02 PC A06/MF A01

**POWER GENERATION**

Profile of the Fossil Fuel Electric Power Generation Industry. EPA Office of Compliance Sector Notebook Project. PB98-143423REB 98-03 PC A09/MF A02

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Conceptual Framework for a Synoptic Assessment of the Prairie Pothole Region. PB98-115322REB 98-01 PC A06/MF A01

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Estimating the Area of Influence of Ozone Produced by Local Precursor Emissions for a Summer Period with a Range of Photochemical Activity. PB98-116312REB 98-02 PC A03/MF A01

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Statistical Support Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115157REB 98-01 PC A07/MF A02

Economic Assessment for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115249REB 98-01 PC A15/MF A03

Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115272REB 98-01 PC A20/MF A04

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Personal Computer Monitors: A Screening Evaluation of Volatile Organic Emissions from Existing Printed Circuit Board Laminates and Potential Pollution Prevention Alternatives. PB98-137102REB 98-03 PC A06/MF A01

**PRINTING INKS**

Evaluation of Barriers to the Use of Radiation Cured Coatings in Wide-Web Flexographic Printing. PB98-106412REB 98-01 PC A08/MF A02

Fugitive Emission Reductions Due to the Use of Enclosed Doctor Blade Systems in the Flexographic and Rotogravure Printing Industries. PB98-137391REB 98-03 PC A08/MF A02

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Response to Congress on Privatization of Wastewater Facilities. PB98-133234REB 98-02 PC A04/MF A01

**PROCEDURES**

Show Me the Technology: Institutional Barriers to Environmental Technology Transfer. N19970027271REB

98-01  
(Order as N19970027257REB, PC A12/MF A03)

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Draft Guidance on CT Equipment Purchase. PB98-963226REB 98-03 PC A02/MF A01

**PRODUCTION MANAGEMENT**

Developing and Using Production-Adjusted Measurements of Pollution Prevention. PB97-199707REB 98-01 PC A06/MF A01

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Evaluation of the Behavior of Flame Ionization Detection Total Hydrocarbon Continuous Emission Monitors at Low Concentrations. PB98-137508REB 98-03 PC A03/MF A01

Characterization of PIC Emissions from Combustion of Pentachlorophenol-Treated Wood Wastes. PB98-142219REB 98-03 PC A03/MF A01

**PROGRAM ADMINISTRATION**

Superfund/Oil Program Implementation Manual Fiscal Year 1998. PB97-963219REB 98-01 PC A18/MF A04

FY 1998 Superfund Reforms Strategy. PB97-963255REB 98-01 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Other Laws That Interface with RCRA Updated July 1997. PB98-108160REB 98-02 PC A03/MF A01

SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee. PB98-155005REB 98-04 PC A04/MF A01

EPA Superfund Program Policies and Administration. PB98-963200REB 98-02 Standing Order

Superfund/Oil Program Implementation Manual Fiscal Year 1998. PB98-963201REB 98-04 PC A18/MF A03

Superfund Reforms Annual Report FY 1997. PB98-963218REB 98-02 PC A06/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998). PB98-963237REB 98-03 PC A04/MF A01

**PROGRAM MANAGEMENT**

National Remedy Review Board. Progress Report: Fiscal Year 1997. PB97-963250REB 98-02 PC A08/MF A02

Draft Interim Final OSWER Monitored Natural Attenuation Policy. PB97-963312REB 98-01 PC A04/MF A01

Office of Pesticide Programs Annual Report for 1996. PB98-102338REB 98-01 PC A05/MF A01

SAB Report: Review of the National Risk Management Research Laboratory (NRMRL). PB98-104714REB 98-01 PC A04/MF A01

SAB Report: Evaluation of the Environmental Monitoring and Assessment Program (EMAP) Research Strategy and Research Plan. PB98-104730REB 98-01 PC A03/MF A01

EIIP Volume 1: Introduction and Use of EIIP Guidance for Emissions Inventory Development. PB98-118029REB 98-02 PC A43.00/MF A02

EPA Strategic Plan: The Mission of the Environmental Protection Agency is to Protect Human Health and to Safeguard the Natural Environment: Air, Water, and Land, upon Which Life Depends. PB98-130487REB 98-03 PC A07/MF A02

Air Pollution Operating Permit Program Update. Key Features and Benefits. PB98-132798REB 98-03 PC A03/MF A01

Clean Water State Revolving Fund: Practical Approaches to Improving Practice. Hands on Approaches. PB98-133275REB 98-02 PC A04/MF A01

Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water. PB98-140775REB 98-03 PC A06/MF A01

Future of the National Performance Audit Program (NPAP). PB98-147051REB 98-03 PC A03/MF A01

State Third-Party Service Provider Programs: Augmenting State Underground Storage Tank Programs. PB98-147341REB 98-03 PC A12/MF A03

RCRA Implementation Plan (RIP): Fiscal Years 1996-97. PB98-150121REB 98-04 PC A06/MF A01

Second Supplemental Five-Year Review Guidance. PB98-963204REB 98-01 PC A02/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998). PB98-963234REB 98-03 PC A03/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Update February 1998). PB98-963234REB 98-03 PC A03/MF A01

EPA Superfund Enforcement. PB98-963600REB 98-02 Standing Order

# KEYWORD INDEX

## PROJECT COMPUTER MODEL

PROJECT Model: Evaluates the Value of Supplemental Environmental Projects (SEP) (Version 1.3) (on Diskette). PB98-500408REB 98-01 Diskette \$50.00

## PROJECT MANAGEMENT

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim). PB97-963305REB 98-02 PC E13/MF A03

Frequently Asked Questions: RAGS Part D. PB97-963311REB 98-02 PC A01/MF A01

Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim). PB98-963302REB 98-02 PC A02/MF A01

## PROPELLANTS

Reducing Solvent and Propellant Emissions from Consumer Products. PB98-140262REB 98-03 PC A03/MF A01

## PROPOXUR

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Reregistration Eligibility Decision (RED): Propoxur. (Includes RED Facts: Propoxur Fact Sheet). PB98-125685REB 98-02 PC A09/MF A02

## PROTECTIVE COATINGS

Guideline Series: Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations. PB98-135445REB 98-03 PC A05/MF A01

## PUBLIC BUILDINGS

Florida Large Building Study: Polk County Administration Building. PB98-127103REB 98-02 PC A09/MF A02

## PUBLIC HEALTH

Human Health Risk Assessment Research Strategy. External Review Draft. AD-A346 913/7REB 98-04 PC A06/MF A01

Nitrogen Oxides: Impacts on Public Health and the Environment. PB98-104631REB 98-01 PC A09/MF A02

Exposure Factors Handbook. Volume 1, General Factors (Final Report). PB98-124225REB 98-02 PC A11/MF A03

Exposure Factors Handbook. Volume 2, Food Ingestion Factors (Final Report). PB98-124233REB 98-02 PC A18/MF A03

Exposure Factors Handbook. Volume 3, Activity Factors (Final Report). PB98-124241REB 98-02 PC A17/MF A03

U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report. PB98-169766REB 98-04 PC A04/MF A01

Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium. PB98-169782REB 98-04 PC A02/MF A01

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Information for the Public on Participating with States in Preparing Capacity Development Strategies. PB98-133333REB 98-02 PC A03/MF A01

Information for the Public on Participating with States in Preparing Capacity Development Strategies. PB98-168774REB 98-04 PC A03/MF A01

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## QUALITY CONTROL

EIIP Volume 6: Quality Assurance Procedures. PB98-118078REB 98-02 PC\$67.00/MF A04

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## QUANTITATIVE CHEMICAL ANALYSIS

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RACT/BACT/LAER Clearinghouse Clean Air Technology Center: A Compilation of Control Technology Determinations. Seventh Supplement to the 1990 Edition. PB98-163124REB 98-04 PC A19/MF A04

RACT/BACT/LAER Clearinghouse Annual Report for 1998: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition. PB98-173495REB 98-04 PC A23/MF A04

## RACT (REASONABLY ACHIEVABLE CONTROL TECHNOLOGY)

RACT/BACT/LAER Clearinghouse Information System (RBLIC). User's Manual. PB98-142599REB 98-03 PC A11/MF A03

## RADIATION DETECTION

National Radon Proficiency Program: Guidance on Quality Assurance. PB98-123060REB 98-02 PC A08/MF A02

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SAB Report: Review of the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM). PB98-104748REB 98-01 PC A06/MF A01

Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor. PB98-167836REB 98-04 PC A07/MF A02

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## RADIOACTIVE CONTAMINANTS

Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites. PB97-963308REB 98-02 PC A02/MF A01

SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II. PB98-169964REB 98-04 PC A04/MF A01

## RADIOACTIVE MATERIALS

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Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 14, Oak Ridge, TN., September 25, 1997. PB97-964028REB 98-03 PC A06/MF A02

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 17 L-Area Oil and Chemical Basin (904-83G) and L-Area Acid Caustic Basin (904-79G), Aiken, SC., September 30, 1997. PB97-964031REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE) Operable Unit 16, Old F Area Seepage Basin (904-49G), Aiken, SC., May 14, 1997. PB97-964032REB 98-03 PC A05/MF A01

## RADIOACTIVE WASTE MANAGEMENT

Superfund Record of Decision (EPA Region 10): Hanford Site - 100 Area (USDOE) 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Benton County, WA., April 4, 1997. PB97-963127REB 98-04 PC A04/MF A01

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## RADIOMETRIC SURVEYS

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Large Building Radon Manual. PB98-123995REB 98-02 PC A07/MF A02

Florida Large Building Study: Polk County Administration Building. PB98-127103REB 98-02 PC A09/MF A02

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Comparison of Indoor Radon Concentrations Determined by Passive Carbon Monitors and Continuous Radon Monitors. PB98-173420REB 98-04 PC A03/MF A01

## RAGS (RISK ASSESSMENT GUIDANCE FOR SUPERFUND)

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim). PB97-963305REB 98-02 PC E13/MF A03

Frequently Asked Questions: RAGS Part D. PB97-963311REB 98-02 PC A01/MF A01

Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim). PB98-963302REB 98-02 PC A02/MF A01

## RAIL TRANSPORTATION

Profile of the Ground Transportation Industry: Trucking, Railroad and Pipeline. EPA Office of Compliance Sector Notebook Project. PB98-143456REB 98-03 PC A08/MF A02

## RCRA (RESOURCE CONSERVATION AND RECOVERY ACT)

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Other Laws That Interface with RCRA Updated July 1997. PB98-108160REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Air Emission Standards Updated July 1997. PB98-108194REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Corrective Action Updated July 1997. PB98-108202REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Enforcement and Compliance Updated July 1997. PB98-108210REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Statutory Overview Updated July 1997. PB98-108228REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I, Underground Storage Tanks (40 CFR Part 280) Updated July 1997. PB98-133093REB 98-02 PC A03/MF A01

Toxicity Characteristic Rule Enforcement Training Manual. PB98-142060REB 98-03 PC A11/MF A03

RCRA Implementation Plan (RIP): Fiscal Years 1996-97. PB98-150121REB 98-04 PC A06/MF A01

RCRA Permit Policy Compendium, September 1993 Update (on Diskette). PB98-502511REB 98-04 Diskette \$116.00

## RCRIS (RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM)

Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM). PB98-592570REB 98-02 Standing Order

## REACTOR OPERATION

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## REASONABLY ACHIEVABLE CONTROL TECHNOLOGY

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RACT/BACT/LAER Clearinghouse Clean Air Technology Center: A Compilation of Control Technology Determinations. Seventh Supplement to the 1990 Edition. PB98-163124REB 98-04 PC A19/MF A04

RACT/BACT/LAER Clearinghouse Annual Report for 1998: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition. PB98-173495REB 98-04 PC A23/MF A04

## RECORD OF DECISION

Superfund Record of Decision (EPA Region 1): Cheshire Groundwater Contamination, Cheshire, CT., December 31, 1996. PB97-963701REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 1): Loring Air Force Base, Operable Unit 13, Limestone, ME., June 16, 1997. PB97-963702REB 98-04 PC A11/MF A03

Superfund Record of Decision (EPA Region 1): Davis Gloucester-Smithfield Regional (GSR) Landfill Site, Gloucester-Smithfield, RI., September 29, 1997. PB97-963703REB 98-03 PC A10/MF A02

Superfund Record of Decision (EPA Region 1): Davisville Naval Construction Battalion Center, Site 09, North Kingstown, RI., September 29, 1997. PB97-963704REB 98-03 PC A15/MF A03

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## RECORD OF DECISION

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PB97-963705REB 98-03 PC A10/MF A02

Superfund Record of Decision (EPA Region 1): Fort Devens (Area of Contamination 63AX), Fort Devens, MA., September 29, 1997.  
PB97-963706REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 1): Fort Devens-Sudbury Training Annex (Areas of Contamination A4, A7, and A9), Middlesex County, MA., September 30, 1997.  
PB97-963707REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 1): Gallup's Quarry Superfund Site, Plainfield, CT., September 30, 1997.  
PB97-963708REB 98-04 PC A09/MF A02

Superfund Record of Decision (EPA Region 1): New London Submarine Base, New London, CT., September 18, 1997.  
PB97-963709REB 98-03 PC A03/MF A01

Superfund Record of Decision (EPA Region 1): Pease Air Force Base Brooks/Ditches Operable Unit, Portsmouth/Newington, NH., September 30, 1997.  
PB97-963710REB 98-04 PC A13/MF A03

Superfund Record of Decision (EPA Region 2): Federal Aviation Admin Tech Center, (Area P) (Building 204) (Fuel Spill Area), Atlantic County, NJ., February 13, 1997.  
PB97-963801REB 98-03 PC A05/MF A01

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Superfund Record of Decision (EPA Region 2): Plattsburgh Air Force Base, (Former Landfill LF-024), Plattsburgh, NY., March 25, 1997.  
PB97-963803REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 2): Jones Sanitation, Hyde Park, NY., March 31, 1997.  
PB97-963804REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 2): Robintech, Inc./National Pipe Company, Town of Vestal, NY., July 25, 1997.  
PB97-963805REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 20 (Site 28 Soil and Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963806REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 21 (Areas A and B Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963807REB 98-03 PC A05/MF A01

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PB97-963809REB 98-03 PC A05/MF A01

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PB97-963811REB 98-03 PC A06/MF A01

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PB97-963812REB 98-03 PC A07/MF A02

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PB97-963813REB 98-03 PC A10/MF A02

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PB97-963817REB 98-03 PC A07/MF A02

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PB97-963818REB 98-03 PC A05/MF A01

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PB97-963820REB 98-04 PC A99/MF A06

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PB97-963821REB 98-03 PC A12/MF A03

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PB97-963901REB 98-03 PC A03/MF A01

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PB97-963902REB 98-03 PC A04/MF A01

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PB97-963903REB 98-04 PC A08/MF A02

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PB97-963904REB 98-03 PC A06/MF A01

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PB97-963905REB 98-03 PC A09/MF A02

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PB97-963906REB 98-03 PC A05/MF A01

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PB97-963907REB 98-03 PC A05/MF A01

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PB97-963910REB 98-03 PC A05/MF A01

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PB97-963911REB 98-03 PC A07/MF A02

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PB97-963912REB 98-03 PC A06/MF A01

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PB97-963913REB 98-03 PC A05/MF A01

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PB97-963914REB 98-03 PC A05/MF A01

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PB97-963917REB 98-03 PC A05/MF A01

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PB97-963918REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 3): Naval Weapons Station-Yorktown, Site 12, Operable Units 3, 4, and 5, Yorktown, VA., April 16, 1997.  
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PB97-964001REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 4): Escambia Wood - Pensacola (aka: Escambia Treating Company Site), Pensacola, FL., February 12, 1997.  
PB97-964002REB 98-03 PC A04/MF A01

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PB97-964003REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 4): Alabama Army Ammunition Plant, Operable Unit 6, (Area B) Study Areas 2, 10, 16, 17, and 22, Childersburg, AL., March 27, 1997.  
PB97-964004REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 4): Alabama Army Ammunition Plant, Operable Unit 5, Childersburg, AL., March 27, 1997.  
PB97-964005REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 14, Aiken, SC., March 27, 1997.  
PB97-964006REB 98-03 PC A05/MF A01

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PB97-964008REB 98-03 PC A03/MF A01

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PB97-964010REB 98-03 PC A03/MF A01

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PB97-964011REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 3 PSC 16 and PSC 17, Albany, GA., September 2, 1997.  
PB97-964012REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 1 PSC 1, PSC 2, PSC 3, and PSC 26, Albany, GA., September 2, 1997.  
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PB97-964016REB 98-03 PC A04/MF A01

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PB97-964022REB 98-03 PC A04/MF A01

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Superfund Record of Decision Amendment (EPA Region 4): Marzone Inc./Chevron Chemical Company, Tifton, GA., June 18, 1997.  
PB97-963158REB 98-03 PC A04/MF A01

Superfund Record of Decision Amendment (EPA Region 4): Munisport Landfill, North Miami, FL., September 5, 1997.  
PB97-963159REB 98-04 PC A05/MF A01

Superfund Record of Decision (EPA Region 5): Organic Chemicals, Inc., Operable Unit 2, Grandville, MI., February 5, 1997.  
PB97-964102REB 98-04 PC A06/MF A01

Superfund Record of Decision (EPA Region 6): RSR Corp., Operable Unit 3, Dallas, TX., September 30, 1997.  
PB97-964204REB 98-04 PC A12/MF A03

Superfund Record of Decision (EPA Region 9): Del Amo Facility Waste Pits Operable Unit, Los Angeles, CA., September 5, 1997.  
PB97-964509REB 98-04 PC A15/MF A03

Superfund Record of Decision (EPA Region 10): Harbor Island (Lead), The Shipyard Sediment Operable Unit, Seattle, WA., November 27, 1996.  
PB97-964601REB 98-04 PC A06/MF A01

**RECORD OF DECISION**  
Superfund Record of Decision (EPA Region 9): Iron Mountain Mine, Redding, CA., September 30, 1997.  
PB97-964510REB 98-04 PC A07/MF A02

**RECORDS OF DECISION**  
Superfund Record of Decision (EPA Region 9): Moffett Naval Air Station, Operable Unit 1, Sunnyvale, CA., August 14, 1997.  
PB97-964507REB 98-04 PC A11/MF A03

Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Units 2A and 3A (No Action Sites), El Toro, CA., September 29, 1997.  
PB97-964513REB 98-04 PC A10/MF A02

EPA Superfund Records of Decision (RODS) for Region 1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.  
PB96-963700REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 3: New Jersey, New York, Puerto Rico, and Virgin Islands.  
PB96-963800REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 3: Delaware, Washington DC., Maryland, Pennsylvania, and Virginia.  
PB96-963900REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 5: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.  
PB96-964100REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 6: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.  
PB96-964200REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 7: Iowa, Kansas, Missouri, and Nebraska.  
PB96-964300REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 8: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.  
PB96-964400REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 9: Arizona, California, Hawaii, Nevada, American Samoa, and Guam.  
PB96-964500REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 10: Alaska, Idaho, Oregon, and Washington.  
PB96-964600REB 98-02 Standing Order

**RECORDS OF DECISION AMENDMENT**  
Superfund Record of Decision Amendment (EPA Region 2): Preferred Plating Corp., Farmingdale, NY., September 30, 1997.  
PB97-963131REB 98-03 PC A08/MF A02

**RECOVERY**  
Alternative Methods for Fluid Delivery and Recovery: Manual.  
PB96-169956REB 98-04 PC A07/MF A02

**REFORMS**  
National Remedy Review Board. Progress Report: Fiscal Year 1997.  
PB97-963250REB 98-02 PC A08/MF A02

FY 1998 Superfund Reforms Strategy.  
PB97-963255REB 98-01 PC A03/MF A01

Superfund Reforms Annual Report FY 1997.  
PB96-963218REB 98-02 PC A06/MF A01

**REFRIGERANT**

Thermodynamic, Energy-Efficient and Economic Criteria for Evaluation of Alternative Refrigerants for Heat Pumps.  
PB98-145568REB 98-04 PC A03/MF A01

**REFRIGERANTS**

New Chemical Alternative for Ozone-Depleting Substances: HFC-236ea.  
PB98-127384REB 98-02 PC A07/MF A02

Heat Transfer Evaluation of HFC-236ea with High Performance Enhanced Tubes in Condensation and Evaporation.  
PB98-137177REB 98-03 PC A07/MF A02

Transport Property Measurements of HFC-236ea.  
PB98-137185REB 98-03 PC A11/MF A03

Alternatives for CFC-12 Refrigerant in Automotive Air Conditioning.  
PB98-137524REB 98-03 PC A03/MF A01

Comparison of CFC-114 and HFC-236ea Performance in Shipboard Vapor Compression Systems.  
PB98-140395REB 98-03 PC A03/MF A01

Two-Phase Flow of Two HFC Refrigerant Mixtures through Short-Tube Orifices.  
PB98-142045REB 98-03 PC A08/MF A02

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Emerging Technologies for the Management and Utilization of Landfill Gas.  
PB98-127913REB 98-03 PC A06/MF A01

U.S. EPA Biomass Fuel Analytical Laboratory.  
PB98-140312REB 98-03 PC A03/MF A01

Next Generation Technologies for Landfill Gas and "What is ETV".  
PB98-147234REB 98-03 PC A03/MF A01

**REGIONAL ANALYSIS**

National Air Quality and Emissions Trends Report, 1996.  
PB98-135155REB 98-03 PC A09

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

**REGIONAL PLANNING**

Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios.  
PB98-130974REB 98-02 PC A08/MF A02

**REGISTRATION**

Pesticide Fact Sheet: Chloransulam-methyl.  
PB98-115298REB 98-01 PC A03/MF A01

Pesticide Registration (PR) Notice 97-9. Notice to Manufacturers, Formulators, Producers, and Registrants of Pesticides. Electronic Submission of Child-Resistant Packaging Test Data for all Pesticides and Child-Resistant: Testing of Prefilled, Nonrefillable Insecticide Bait Stations Not Designed or Intended to Be Opened or Activated in a Manner That Exposes the Contents to Human Contact.  
PB98-116767REB 98-01 PC A04/MF A01

Pesticide Fact Sheet: Gamma aminobutyric Acid (GABA) and Glutamic Acid.  
PB98-126543REB 98-02 PC A02/MF A01

PR Notice 97-8: Time Extension of PR Notice 96-7, Termiticide Labeling.  
PB98-127905REB 98-02 PC A01/MF A01

Pesticide Data Submitters List (March 31, 1998).  
PB98-127988REB 98-02 PC A99/MF E08

Pesticide Fact Sheet: Kaolin.  
PB98-133127REB 98-03 PC A03/MF A01

Pesticide Fact Sheet: Fish Oil.  
PB98-133135REB 98-03 PC A03/MF A01

New Pesticide Fact Sheet: Imiprothrin.  
PB98-137169REB 98-03 PC A03/MF A01

Pesticide Fact Sheet: Cyprodinil.  
PB98-137235REB 98-03 PC A03/MF A01

Pesticide Fact Sheet: Flufenacet.  
PB98-137334REB 98-03 PC A03/MF A01

Pesticide Fact Sheet: Canola Oil.  
PB98-137367REB 98-03 PC A02/MF A01

Pesticide Fact Sheet: Gamma aminobutyric acid (GABA) and L-Glutamic Acid.  
PB98-165160REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: Jojoba Oil.  
PB98-165178REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.  
PB98-165186REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: Kaolin (Update).  
PB98-165194REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: Killed Fermentation Solids and Solubles of "Myrothecium verrucaria".  
PB98-165202REB 98-04 PC A02/MF A01

EPA Pesticide Fact Sheet: Hexanoic Acid.  
PB98-166440REB 98-04 PC A02/MF A01

EPA Pesticide Fact Sheet: Pelargonic Acid.  
PB98-166457REB 98-04 PC A03/MF A01

Pesticide Registration Notice PR 98-4. Notice to Manufacturers, Formulators, Producers, Distributors and Registrants of Pesticide Products. Additional Guidance on Final FIFRA Section 6(a)(2) Regulations for Pesticide Product Registrants.  
PB98-166473REB 98-04 PC A03/MF A01

Pesticide Fact Sheet: 'Gliocladium catenulatum' Strain J1446.  
PB98-166481REB 98-04 PC A02/MF A01

EPA Pesticide Fact Sheet: German Cockroach Pheromone, August 1998.  
PB98-166499REB 98-04 PC A02/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' Subspecies 'kurstaki' Strain M-200.  
PB98-166507REB 98-04 PC A03/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' subspecies 'tolworthi' Cry9C Protein and the Genetic Material Necessary for Its Production in Corn.  
PB98-166515REB 98-04 PC A03/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pCIB4431) in Corn.  
PB98-166523REB 98-04 PC A03/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' Subspecies 'kurstaki' CryIA(c) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
PB98-166531REB 98-04 PC A03/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pZO1502) in Corn.  
PB98-166549REB 98-04 PC A04/MF A01

Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
PB98-166556REB 98-04 PC A03/MF A01

**REGULATIONS**

Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites.  
PB97-963308REB 98-02 PC A02/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Groundwater Monitoring (40 CFR Parts 264/265, Subpart F) Updated July 1997.  
PB98-108103REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Hazardous Waste Incinerators (40 CFR Parts 264/265, Subpart O) Updated July 1997.  
PB98-108129REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Miscellaneous and Other Units (40 CFR Part 264, Subpart X and 40 CFR Part 265, Subparts P, Q, and R) Updated July 1997.  
PB98-108152REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Petitions, Delistings, and Variances Updated July 1997.  
PB98-108186REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Subtitle D: Municipal Solid Waste Disposal Facility Criteria Updated July 1997.  
PB98-108236REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
PB98-108301REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I. Underground Storage Tanks (40 CFR Part 280) Updated July 1997.  
PB98-133093REB 98-02 PC A03/MF A01

Pesticide Registration Notice PR 98-4. Notice to Manufacturers, Formulators, Producers, Distributors and Registrants of Pesticide Products. Additional Guidance on Final FIFRA Section 6(a)(2) Regulations for Pesticide Product Registrants.  
PB98-166473REB 98-04 PC A03/MF A01

**REGULATORY IMPACT ANALYSIS**  
Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Regulatory Impact Analysis for New and Existing Facilities.  
PB98-110141REB 98-01 PC A06/MF A01

**RELEASE**  
Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995.  
PB98-113640REB 98-01 PC A06/MF A01

**REMEDIATION ACTION**  
CASHOUT Model: Calculates Current Value of Superfund Cleanup Costs (Version 1.6) (on Diskette).  
PB98-500390REB 98-01 Diskette \$50.00

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

**REMEDIATION**  
Ground-Water Issue: Steam Injection for Soil and Aquifer Remediation.  
PB98-126709REB 98-02 PC A03/MF A01

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## REMEDIATION

- Remediation Case Studies: Soil Vapor Extraction and Other In Situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03
- Abstracts of Remediation Case Studies. Volume 2.  
PB97-177570REB 98-01 PC A05/MF A01
- Approach for Addressing Dioxin in Soils at CERCLA and RCRA Sites.  
PB97-963309REB 98-03 PC A02/MF A01
- Draft Interim Final OSWER Monitored Natural Attenuation Policy.  
PB97-963312REB 98-01 PC A04/MF A01
- Final Guidance on the Issuance of Administrative Orders under Section 311 (c) and (e) of the Clean Water Act.  
PB98-103153REB 98-01 PC A04/MF A01
- Experience in Incineration Applicable to Superfund Site Remediation.  
PB98-104193REB 98-01 PC A04/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Corrective Action Updated July 1997.  
PB98-108202REB 98-02 PC A03/MF A01
- Federal Remediation Technologies Screening Matrix and Reference Guide, Third Edition.  
PB98-108590REB 98-02 PC A99/MF E08
- How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites. A Guide for Corrective Action Plan Reviewers.  
PB98-113525REB 98-01 PC A20/MF A04
- Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
PB98-131899REB 98-02 PC A25/MF A04
- Assessing UST Corrective Action Technologies: In situ SVE-Based Systems for Free Product Recovery and Residual Hydrocarbon Removal.  
PB98-137219REB 98-03 PC A16/MF A03
- Hot Water Injection for the Remediation of Oily Wastes.  
PB98-139991REB 98-03 PC A03/MF A01
- Treatment Technology Performance and Cost Data for Remediation of Wood Preserving Sites.  
PB98-147089REB 98-03 PC A09/MF A02
- Enhanced Remediation Demonstrations at Hill AFB: Introduction, Chapter 20.  
PB98-151251REB 98-04 PC A03/MF A01
- Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies. First Edition.  
PB98-161185REB 98-04 PC A06/MF A01
- NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998).  
PB98-963233REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Updated February 1998).  
PB98-963234REB 98-03 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Liability, Enforcement, and Settlements (Updated February 1998).  
PB98-963236REB 98-03 PC A04/MF A01
- EPA Superfund Site Assessment and Remediation.  
PB98-963300REB 98-02 Standing Order

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- Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.  
PB98-151244REB 98-04 PC A03/MF A01

## REMOVAL

- Superfund Removal Procedures. Response Management: Removal Action Start-Up to Close-Out.  
PB98-963407REB 98-01 PC A05/MF A01
- National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
PB98-148273REB 98-04 PC A15/MF A03
- VOC Removal at Low Contaminant Concentrations Using Granular Activated Carbon.  
PB98-155138REB 98-04 PC A03/MF A01

## REMOVAL ACTIONS

- Concurrence Policy for Mercury Removals.  
PB98-963401REB 98-04 PC A01/MF A01

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- On-Line Detection of Dichlorodibenzodioxins by DLR Jet-REMPL.  
PB98-145543REB 98-03 PC A03/MF A01

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- Pesticide Fact Sheet: Kaolin.  
PB98-133127REB 98-03 PC A03/MF A01
- Pesticide Fact Sheet: Fish Oil.  
PB98-133135REB 98-03 PC A03/MF A01

## REPELLENTS

- Pesticide Fact Sheet: Kaolin (Update).  
PB98-165194REB 98-04 PC A02/MF A01

## REPORTING

- Emergency Response Notification System (ERNS), 1996 (on CD-ROM).  
PB98-500663REB 98-02 CD-ROM \$265.00
- Emergency Response Notification System (ERNS), 1997 (on CD-ROM).  
PB98-500671REB 98-02 CD-ROM \$265.00
- Emergency Response Notification System (ERNS) Annual Cumulative (on CD-ROM).  
SUB-5335REB 98-02 Subscription

## REPORTING REQUIREMENTS

- Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance.  
PB97-963314REB 98-03 PC A06/MF A01
- Pesticide Registration Notice PR 98-4. Notice to Manufacturers, Formulators, Producers, Distributors and Registrants of Pesticide Products. Additional Guidance on Final FIFRA Section 6(a)(2) Regulations for Pesticide Product Registrants.  
PB98-166473REB 98-04 PC A03/MF A01
- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304).  
PB98-963230REB 98-03 PC A03/MF A01

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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Closure/Post-Closure (40 CFR Parts 264/265, Subpart G) Updated July 1997.  
PB98-108038REB 98-02 PC A03/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I. Underground Storage Tanks (40 CFR Part 280) Updated July 1997.  
PB98-133093REB 98-02 PC A03/MF A01

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- RED Facts: Methylene bis(thiocyanate).  
PB98-102924REB 98-01 PC A03/MF A01
- Reregistration Eligibility Decision (RED): Methylene bis(thiocyanate). (Includes RED FACTS: Methylene bis(thiocyanate) Fact Sheet).  
PB98-103211REB 98-01 PC A16/MF A03
- RED Facts: Metribuzin.  
PB98-125644REB 98-02 PC A02/MF A01
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PB98-153083REB 98-04 PC A06/MF A02
- Red Facts: Butralin.  
PB98-153091REB 98-04 PC A02/MF A01
- Reregistration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).  
PB98-153109REB 98-04 PC A09/MF A02
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PB98-153117REB 98-04 PC A02/MF A01
- Reregistration Eligibility Decision (RED): 'Bacillus thuringiensis'. (Includes RED Facts: 'Bacillus thuringiensis').  
PB98-153125REB 98-04 PC A10/MF A02
- Pesticide Reregistration Progress Report for 1997.  
PB98-164502REB 98-04 PC A05/MF A01

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- Environmental Technology Initiative: FY1994-FY1995 Projects. Removing Barriers to Innovations That Protect Public Health and the Environment.  
PB98-120728REB 98-02 PC A10/MF A02

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- SAB Report: Evaluation of the Environmental Monitoring and Assessment Program (EMAP) Research Strategy and Research Plan.  
PB98-104730REB 98-01 PC A03/MF A01

## RESEARCH PROGRAMS

- SAB Report: Review of the National Risk Management Research Laboratory (NRMRL).  
PB98-104714REB 98-01 PC A04/MF A01

- Research Agenda on Air Duct Cleaning.  
PB98-140221REB 98-03 PC A03/MF A01
- Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water.  
PB98-140775REB 98-03 PC A06/MF A01
- SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee.  
PB98-155005REB 98-04 PC A04/MF A01

## RESEARCH PROJECTS

- Northwest Forest Plan Research Database. Users Guide.  
PB98-109366REB 98-01 PC A06/MF A01
- Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.  
PB98-123243REB 98-02 PC A11/MF A03
- Particulate Matter Sources, Emissions, and Control Options-USA.  
PB98-142243REB 98-03 PC A03/MF A01

## RESIDENTIAL BUILDINGS

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PB98-135791REB 98-03 PC A03/MF A01
- Evaluating Residential Air Duct Cleaning and IAQ: Results of a Field Study Conducted in Nine Single Family Dwellings.  
PB98-140254REB 98-03 PC A03/MF A01
- Results of a Pilot Field Study to Evaluate the Effectiveness of Cleaning Residential Heating and Air Conditioning Systems and the Impact on Indoor Air Quality and System Performance.  
PB98-142011REB 98-04 PC A12/MF A03
- Increases in Levels of Breathable Fine Particulates Due to the Application of Carpet Fresheners in a Suburban Home.  
PB98-155112REB 98-04 PC A03/MF A01

## RESISTANCE

- Environmental Protection Agency's White Paper on 'Bacillus thuringiensis' Plant-Pesticide Resistance Management.  
PB98-153133REB 98-04 PC A06/MF A01

## RESONANCE ENHANCED MULTIPHOTON IONIZATION

- On-Line Detection of Dichlorodibenzodioxins by DLR Jet-REMPL.  
PB98-145543REB 98-03 PC A03/MF A01

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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Other Laws That Interface with RCRA Updated July 1997.  
PB98-108160REB 98-02 PC A03/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Air Emission Standards Updated July 1997.  
PB98-108194REB 98-02 PC A03/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Corrective Action Updated July 1997.  
PB98-108202REB 98-02 PC A03/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Enforcement and Compliance Updated July 1997.  
PB98-108210REB 98-02 PC A03/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Statutory Overview Updated July 1997.  
PB98-108228REB 98-02 PC A04/MF A01
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I. Underground Storage Tanks (40 CFR Part 280) Updated July 1997.  
PB98-133093REB 98-02 PC A03/MF A01
- Toxicity Characteristic Rule Enforcement Training Manual.  
PB98-142060REB 98-03 PC A11/MF A03
- RCRA Implementation Plan (RIP): Fiscal Years 1996-97.  
PB98-150121REB 98-04 PC A06/MF A01
- RCRA Permit Policy Compendium, September 1993 Update (on Diskette).  
PB98-502511REB 98-04 Diskette \$116.00

## RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM

- Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM).  
PB98-592570REB 98-02 Standing Order

## RESOURCE MANAGEMENT

- Indian River Lagoon Comprehensive Conservation and Management Plan.  
PB98-158470REB 98-04 PC A18/MF A03

## RESOURCE RECOVERY FACILITIES

- Emerging Technologies for the Management and Utilization of Landfill Gas.  
PB98-127913REB 98-03 PC A06/MF A01

## RESPONSE PROCESS

- RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998).  
PB98-963237REB 98-03 PC A04/MF A01

## RESPONSIBILITY

- Addendum to the 'Interim CERCLA Settlement Policy' Issued on December 5, 1984.  
PB98-103138REB 98-01 PC A02/MF A01

## RESTORATION

- Risk Management Research Plan for Ecosystem Restoration in Watersheds.  
PB98-147044REB 98-03 PC A04/MF A01
- Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03

## RESTRICTIONS

- Background Document for Capacity Analysis for Land Disposal Restrictions, Phase 4 (Second Supplement): Toxicity Characteristic Metal Wastes and Newly Identified Mineral Processing Wastes (Proposed Rule).  
PB97-176978REB 98-01 PC A15/MF A03
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Restrictions (40 CFR Part 268) Updated July 1997.  
PB98-108137REB 98-02 PC A04/MF A01

## REVIEWING

- Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions.  
PB97-963313REB 98-03 PC A05/MF A01
- SAB Report: Review of the National Risk Management Research Laboratory (NRMRL).  
PB98-104714REB 98-01 PC A04/MF A01
- Status of Chemicals in Special Review.  
PB98-152911REB 98-04 PC A05/MF A01

## REVISIONS

- Final Revisions to the Ozone and Particulate Matter Air Quality Standards.  
PB98-147283REB 98-03 PC A02/MF A01

## RHODE ISLAND

- Air Quality Evaluation of Rhode Island's Incident Management Program.  
PB98-135700REB 98-03 PC A04/MF A01

## RIPARIAN PLANTS

- Effects of Flow Augmentation on Channel Morphology and Riparian Vegetation in the Upper Arkansas River Basin, Colorado.  
PB98-126287REB 98-02 PC A08/MF A02
- Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.  
PB98-151244REB 98-04 PC A03/MF A01

## RIPARIAN WATERS

- Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03

## RISK ANALYSIS

- Human Health Risk Assessment Research Strategy. External Review Draft.  
AD-A346 913/7REB 98-04 PC A06/MF A01
- Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 2. Appendices B to G.  
PB98-155666REB 98-04 PC A10/MF A02
- Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 1. Chapters 1 to 7. Appendix A.  
PB98-155674REB 98-04 PC A17/MF A03

## RISK ASSESSMENT

- Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04
- Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories. Volume 2. Risk Assessment and Fish Consumption Limits. Second Edition.  
PB98-102734REB 98-01 PC A21/MF A04
- SAB Report: Review of the Sector Facility Indexing Project (SFIP).  
PB98-104706REB 98-01 PC A03/MF A01
- SAB Report: Guidelines for Cancer Risk Assessment.  
PB98-104722REB 98-01 PC A05/MF A01
- Advisory on the Need to Develop Ecological Risk Management Guidelines.  
PB98-104763REB 98-01 PC A02/MF A01
- Kanawha Valley Toxics Screening Study. Final Report.  
PB98-113111REB 98-01 PC A19/MF A04
- Ecosystem Management, Chapter 2.  
PB98-116411REB 98-01 PC A04/MF A01
- SAB Report: Review of the EPA Draft Mercury Study Report to Congress. Review of the EPA's Mercury Report to Congress by the Mercury Review Subcommittee.  
PB98-117070REB 98-02 PC A08/MF A02
- Federal Register Volume 63, Number 93, Thursday, May 14, 1998. Notices. Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01
- Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.  
PB98-124001REB 98-02 PC A99/MF A06
- Exposure Factors Handbook. Volume 1, General Factors (Final Report).  
PB98-124225REB 98-02 PC A11/MF A03
- Exposure Factors Handbook. Volume 2, Food Ingestion Factors (Final Report).  
PB98-124233REB 98-02 PC A18/MF A03
- Exposure Factors Handbook, Volume 3. Activity Factors (Final Report).  
PB98-124241REB 98-02 PC A17/MF A03

Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06

Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
PB98-126667REB 98-02 PC A02/MF A01

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 1.  
PB98-131774REB 98-02 PC A23/MF A04

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 2. Appendices.  
PB98-131782REB 98-02 PC A14/MF A03

Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
PB98-131899REB 98-02 PC A25/MF A04

Health Risk Assessment of 1,3-Butadiene.  
PB98-133010REB 98-02 PC A15/MF A03

Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FaTE Module. A Status Report.  
PB98-145485REB 98-04 PC A09/MF A02

Risk Management Research Plan for Ecosystem Restoration in Watersheds.  
PB98-147044REB 98-03 PC A04/MF A01

Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02

Toxicological Review of Bentazon (CAS No. 25057-89-0).  
PB98-151764REB 98-04 PC A04/MF A01

Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
PB98-151798REB 98-04 PC A05/MF A01

Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01

Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01

Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01

Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A06/MF A01

Assessment of Thyroid Follicular Cell Tumors.  
PB98-157860REB 98-04 PC A11/MF A03

National Strategy for the Development of Regional Nutrient Criteria.  
PB98-163017REB 98-04 PC A05/MF A01

Integrated Risk Information System (IRIS) (on Diskette).  
PB98-591330REB 98-02 Standing Order

## RISK ASSESSMENT GUIDANCE FOR SUPERFUND

- Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03
- Frequently Asked Questions: RAGS Part D.  
PB97-963311REB 98-02 PC A01/MF A01
- Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim).  
PB98-963302REB 98-02 PC A02/MF A01

## RISK COMPUTER MODEL

- RISK: An IAQ Model for Windows.  
PB98-137482REB 98-03 PC A03/MF A01

## RISK MANAGEMENT

- Pesticide Registration (PR) Notice 97-3. Notice to Manufacturers, Formulators, Producers and Registrants of Pesticide Products. Guidelines for Expedited Review of Conventional Pesticides under the Reduced-Risk Initiative and for Biological Pesticides.  
PB98-106610REB 98-01 PC A04/MF A01
- Guidelines for Ecological Risk Assessment; Notice.  
PB98-117849REB 98-03 PC A14/MF A03

## RISK MANAGEMENT

- Risk Management Research Plan for Wet Weather Flows.  
PB98-147093REB 98-03 PC A06/MF A02

## RIVER BASINS

- Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix A. Phase 4 Chesapeake Bay Watershed; Model Hydrology Calibration Results.  
PB98-126048REB 98-02 PC A10/MF A02
- Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix B. Phase 4 Chesapeake Bay Watershed Model Water Quality Calibration Results.  
PB98-141500REB 98-03 PC A99/MF A06

Development of Index of Biotic Integrity Expectations for the Ecoregions of Indiana II. Huron-Erie Lake Plain (December 1994).  
PB98-148828REB 98-03 PC A09

## RIVER FLOW

Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix A. Phase 4 Chesapeake Bay Watershed; Model Hydrology Calibration Results.  
PB98-126048REB 98-02 PC A10/MF A02

## RODS (RECORDS OF DECISION)

Estimated O & M Costs for RODS: Historical Trends and Projected Costs through FY 2040.  
PB98-963222REB 98-02 PC A10/MF A02

## ROTARY KILNS

Application of Tunable Diode Lasers as a Fast-Response System to Measure Transient Emissions from Rotary Kilns.  
PB98-140346REB 98-03 PC A03/MF A01

## SAFE DRINKING WATER ACT

Safe Drinking Water Act, One Year Later. Success in Advancing Public Health Protection.  
PB98-104029REB 98-01 PC A03/MF A01

Information for States on Developing Affordability Criteria for Drinking Water.  
PB98-133325REB 98-02 PC A05/MF A01

Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-133333REB 98-02 PC A03/MF A01

Information for States on Implementing the Capacity Development Provisions of the Safe Drinking Water Act.  
PB98-133366REB 98-02 PC A09/MF A02

Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity.  
PB98-169733REB 98-04 PC A03/MF A01

Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary.  
PB98-169758REB 98-04 PC A06/MF A01

Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996.  
PB98-169808REB 98-04 PC A05/MF A01

## SAFE DRINKING WATER ACT (SDWA)

Federal Register Volume 63, Number 89, Friday, May 8, 1998. Notices. Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment.  
PB98-144728REB 98-03 PC A02/MF A01

## SAFETY AMMUNITION

Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04

## SAINT CROIX RIVER

Assessment of Sediments from the Upper Mississippi River.  
PB98-115165REB 98-01 PC A08/MF A02

## SAMPLE PREPARATION

Intercomparison of Grinding Techniques Used for the Preparation of Lead-in-Paint Samples.  
PB98-131881REB 98-02 PC A06/MF A01

## SAMPLING

SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).  
PB97-501928REB 98-01 CD-ROM \$125.00

Field Evaluation of Screening Techniques for Polycyclic Aromatic Hydrocarbons, 2,4-Diphenoxycetic Acid, and Pentachlorophenol in Air, House Dust, Soil, and Total Diet.  
PB98-103195REB 98-01 PC A09/MF A02

Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition.  
PB98-111750REB 98-02 PC \$49.00

Evaluation of Methods for Collecting Dislodgeable Pesticide Residues from Turf.  
PB98-114390REB 98-02 PC A05/MF A01

## SAND HILLS REGION

Hydrology of Two Interdunal Valleys in the Nebraska Sand Hills.  
PB98-146004REB 98-03 PC A07/MF A02

## SANITARY SEWERS

Risk Management Research Plan for Wet Weather Flows.  
PB98-147093REB 98-03 PC A06/MF A02

Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC. on April 24-26, 1995.  
PB98-151343REB 98-04 PC A99/MF A06

Sanitary Sewer Overflow Workshop. Held in Washington, DC. on April 26-28, 1995.  
PB98-169972REB 98-04 PC A11/MF A03

## SATURATION

Parameter Estimation of Two-Fluid Capillary Pressure: Saturation and Permeability Functions.  
PB98-151236REB 98-03 PC A07/MF A02

## SCENARIOS

Aggregation Using Cluster Analyses for Models-3 CMAQ Applications.  
PB98-116478REB 98-02 PC A02/MF A01

# KEYWORD INDEX

## SCHOOL BUILDINGS

Evaluation of the Implementation of Operations and Maintenance Programs in New Jersey Schools.  
PB97-181424REB 98-02 PC A06/MF A01

## SCIENCE POLICY COUNCIL

Science Policy Council Handbook: Peer Review.  
PB98-140726REB 98-03 PC A08/MF A02

## SCREENING (SELECTION)

Pre-CERCLIS Screening Guidance.  
PB96-963251REB 98-02 PC A01/MF A01

## SCRUBBING

Sulfur Oxides Control Technology Series: Flue Gas Desulfurization. Wellman-Lord Process.  
PB98-102296REB 98-01 PC A04/MF A01  
Capsule Report: Double Alkali Flue Gas Desulfurization System Applied at the General Motors Parma, Ohio Facility.  
PB98-102312REB 98-01 PC A03/MF A01

## SEA WATER

Bacterial Water Quality Standards for Recreational Waters (Freshwater and Marine Waters). Status Report.  
PB98-153075REB 98-04 PC A04/MF A01

## SEAFOOD

Asian and Pacific Islander Seafood Consumption Study: Exposure Information Obtained through a Community-Centered Approach. Planning Phase.  
PB98-119100REB 98-02 PC A18/MF A04

## SEALERS

Identification and Evaluation of Pollution Prevention Techniques to Reduce Indoor Emissions from Engineered Wood Products.  
PB98-140304REB 98-03 PC A03/MF A01

## SEASONS

Guideline for Selecting and Modifying the Ozone Monitoring Season Based on an 8-Hour Ozone Standard.  
PB98-157613REB 98-04 PC A05/MF A01

## SECOND REMEDIAL ACTION

Superfund Record of Decision Amendment (EPA Region 5): Allied Chemical and Ironton Coke, Ironton, OH., September 4, 1997.  
PB97-963155REB 98-03 PC A03/MF A01

## SECOND REMEDIAL ACTION

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Kellogg-Deering Well Field, Norwalk, CT., March 31, 1997.  
PB97-963147REB 98-03 PC A03/MF A01

## SECOND REMEDIAL ACTION

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Love Canal, Niagara Falls, NY., September 5, 1996.  
PB96-963131REB 98-01 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Auburn Road Landfill, Londonderry, NH., December 19, 1996.  
PB97-963101REB 98-03 PC A06/MF A01

Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (O.U. 1), (Management of Migration Operable Unit), Groveland, MA., November 11, 1996.  
PB97-963103REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Croyden TCE, Croyden, PA., December 31, 1996.  
PB97-963107REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Brown's Battery Breaking, Shoemakersville, PA., December 1996.  
PB97-963108REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Industrial Lane, Williams Township, PA., December 5, 1996.  
PB97-963110REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): San Fernando Valley (Area 1), Burbank Operable Unit, Los Angeles, CA., February 12, 1997.  
PB97-963113REB 98-03 PC A04/MF A01

Superfund Record of Decision Amendment (EPA Region 5): Clare Water Supply, Clare, MI., May 15, 1997.  
PB97-963123REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 8): Libby Groundwater Contamination, Libby, MT., January 22, 1997.  
PB97-963139REB 98-03 PC A03/MF A01

Superfund Record of Decision (EPA Region 6): National Zinc Corp., Operable Unit 2, Bartlesville, OK., October 2, 1997.  
PB97-964202REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 8): California Gulch, Operable Unit 10, Leadville, CO., August 8, 1997.  
PB97-964402REB 98-03 PC A08/MF A02

## SECTION 403

Conversion Equations for Use in Section 403 Rule-making.  
PB98-159429REB 98-04 PC A09/MF A02

## SECTOR FACILITY INDEXING PROJECT

SAB Report: Review of the Sector Facility Indexing Project (SFIP).  
PB98-104706REB 98-01 PC A03/MF A01

## SECTORAL ANALYSIS

Profile of the Textile Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143373REB 98-03 PC A08/MF A02

Profile of the Metal Casting Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143381REB 98-03 PC A09/MF A02

Profile of the Water Transportation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143399REB 98-03 PC A06/MF A02

Profile of the Shipbuilding and Repair Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143407REB 98-03 PC A08/MF A02

Profile of the Fossil Fuel Electric Power Generation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143423REB 98-03 PC A09/MF A02

Profile of the Pharmaceutical Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143431REB 98-03 PC A09/MF A02

Profile of the Plastic Resin and Man-Made Fiber Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143449REB 98-03 PC A10/MF A02

Profile of the Ground Transportation Industry: Trucking, Railroad and Pipeline. EPA Office of Compliance Sector Notebook Project.  
PB98-143456REB 98-03 PC A08/MF A02

## SEDIMENTATION

Storage/Sedimentation Facilities for Control of Storm and Combined Sewer Overflows: Design Manual.  
PB98-132228REB 98-02 PC A11/MF A03

## SEDIMENTS

Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey.  
PB98-126063REB 98-02 PC A15/MF A03

## SELECTION

Developing Guidance for Considering Cost-Effectiveness When Selecting and Designing IAQ Control Approaches.  
PB98-151780REB 98-04 PC A03/MF A01

## SEPARATION PROCESSES

Metal Partitioning in Combustion Processes.  
PB98-116437REB 98-02 PC A03/MF A01

SITE Technology Capsule: Rochem Separation Systems, Inc. Disc Tube (Trade Name) Module Technology.  
PB98-147101REB 98-03 PC A03/MF A01

## SEQUENTIAL UNCONSTRAINED MINIMIZATION

Transmittal of Guidance on the Use of Section 7003 of RCRA.  
PB98-108616REB 98-01 PC A04/MF A01

## SERVICE LIFE

Life Cycle Design of a Fuel Tank System. General Motors Demonstration Project.  
PB98-117856REB 98-02 PC A06/MF A01

## SETTLEMENT (LAW)

Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites.  
PB98-118003REB 98-02 PC A03/MF A01

PROJECT Model: Evaluates the Value of Supplemental Environmental Projects (SEP) (Version 1.3) (on Diskette).  
PB98-500408REB 98-01 Diskette \$50.00

## SEWAGE SLUDGE

Technical Support Document for the Round Two Sewage Sludge Pollutants.  
PB98-126071REB 98-02 PC A21/MF A04

Nomination Guidance: 1998 Beneficial Use of Biosolids Awards Program; for Operating Projects, Technology Development, Research, and Public Acceptance.  
PB98-133242REB 98-02 PC A03/MF A01

Investigation of Alternative Means for Demonstrating Sewage Sludge Incinerator Compliance with Total Hydrocarbon Emission Standards.  
PB98-154024REB 98-04 PC A12/MF A03

## SEWAGE TREATMENT PLANTS

Information for States on Recommended Operator Certification Requirements.  
PB98-133317REB 98-02 PC A16/MF A03

## SEWER SYSTEMS

Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC. on April 24-26, 1995.  
PB98-151343REB 98-04 PC A09/MF A06

Sanitary Sewer Overflow Workshop. Held in Washington, DC. on April 26-28, 1995.  
PB98-168972REB 98-04 PC A11/MF A03

## SHELLFISH

Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories. Volume 2. Risk Assessment and Fish Consumption Limits. Second Edition.  
PB98-102734REB 98-01 PC A21/MF A04

## SHIP REPAIR

Profile of the Shipbuilding and Repair Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143407REB 98-03 PC A08/MF A02

## SHIPBUILDING

Profile of the Shipbuilding and Repair Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143407REB 98-03 PC A08/MF A02

## SHRIMP

Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03

## SIDE CHANNELS

Ecological Functions of Off-Channel Habitat, Willamette River, Oregon. Final Research Plan.  
PB98-122229REB 98-02 PC A06/MF A02

## SIEVE ANALYSIS

Evaluation of Illinois Sieved Stream Sediment Data 1982-1995.  
PB98-125214REB 98-02 PC A04/MF A01

## SINKS

Evaluation of Sink Effects on VOCs from a Latex Paint.  
PB98-142227REB 98-03 PC A03/MF A01

## SITE CHARACTERIZATION

Pre-CERCLIS Screening Guidance.  
PB98-963251REB 98-02 PC A01/MF A01

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03

Frequently Asked Questions: RAGS Part D.  
PB97-963311REB 98-02 PC A01/MF A01

Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
PB98-131899REB 98-02 PC A25/MF A04

Site Characterization for Subsurface Remediation. Seminar Publication.  
PB98-147333REB 98-03 PC A14/MF A03

Superfund Public Information System (SPIS) (on CD-ROM).  
PB98-500341REB 98-02 CD-ROM \$60.00

Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
PB98-502354REB 98-04 CD-ROM \$60.00

EPA Superfund Site Assessment and Remediation.  
PB98-963300REB 98-02 Standing Order

Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim).  
PB98-963302REB 98-02 PC A02/MF A01

Quality Assurance Guidance for Conducting Brownfields Site Assessments.  
PB98-963307REB 98-04 PC A06/MF A01

## SITE ENFORCEMENT TRACKING SYSTEM

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

## SITE INVESTIGATIONS

SAB Report: Review of the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM).  
PB98-104748REB 98-01 PC A06/MF A01

## SITE SELECTION

Guideline on Ozone Monitoring Site Selection.  
PB98-173453REB 98-04 PC A06/MF A02

## SITES

CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) Site Location Extract. Quarterly (on CD-ROM).  
SUB-5131REB 98-02 Subscription

## SKIN ABSORPTION

Workshop Report on Dermal Exposure Assessment. Held in Washington, DC. on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04

## SLAMS (STATE AND LOCAL AIR MONITORING STATIONS)

SLAMS/NAMS/PAMS Network Review Guidance. Revised Final Report.  
PB98-147226REB 98-03 PC A06/MF A01

## SLUDGE DIGESTION

Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 1. Technical Report.  
PB98-127368REB 98-02 PC A07/MF A02

Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 2. Appendices.  
PB98-127376REB 98-02 PC A24/MF A04

## SLUDGE DISPOSAL

In-Vessel Composting of Municipal Wastewater Sludge. Summary Report.  
PB98-104201REB 98-01 PC A10/MF A03

## SMALL BUSINESS

Putting Energy into Profits. ENERGY STAR (Trade Name) Small Business Guide.  
PB98-143308REB 98-03 PC A07/MF A02

## SMALL BUSINESSES

Powder Coat Applications. (Reannounced with new abstract).  
PB98-108624REB 98-02 PC A06/MF A01



## SMALL SYSTEMS

- Small System Compliance Technology List for the Surface Water Treatment Rule.  
PB98-104045REB 98-01 PC A04/MF A01
- Federal Funding Sources for Small Community Wastewater Systems.  
PB98-133309REB 98-02 PC A04/MF A01
- Information for States on Recommended Operator Certification Requirements.  
PB98-133317REB 98-02 PC A16/MF A03

## SMOKE

- Fireplace Emissions Update. New Particle Size Data.  
PB98-135791REB 98-03 PC A03/MF A01

## SOCIAL EFFECT

- Who Pays for Sprawl: The Economic, Social, and Environmental Impacts of Sprawl Development: A Literature Review.  
PB98-141120REB 98-03 PC A04/MF A01

## SOCIAL SYSTEMS

- Appreciative Inquiry: A Mechanism for Maximizing Empowerment in Social Systems.  
PB98-151277REB 98-03 PC A03/MF A01

## SOFTWARE

- SAGE for Windows (WSAGE) Version 1.0 Solvent Alternative Guide (on Diskette).  
PB97-503130REB 98-01 CP D01
- Integrated Air Pollution Control System (IAPS), Executable Model and Source Model (Version 5.a) (on Diskette).  
PB98-500325REB 98-01 CP D01
- Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.05 (on Diskette). (Reannouncement with New Order Number).  
PB98-500333REB 98-01 CP D02
- INDIPAY Model: Evaluates Individual Taxpayer's Claims of Inability to Afford Penalties and Compliance Costs (on Diskette).  
PB98-500366REB 98-01 Diskette \$50.00
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- Spreadsheet Model for Preparing Automotive Exhaust Surrogates (SMPAES) (on Diskette).  
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SUB-5404REB 98-02 Subscription

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PB98-135114REB 98-03 PC A03/MF A01
- Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04
- Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 2. Appendices B to G.  
PB98-155666REB 98-04 PC A10/MF A02
- Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 1. Chapters 1 to 7. Appendix A.  
PB98-155674REB 98-04 PC A17/MF A03

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- Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
PB98-111685REB 98-01 PC A21/MF A04
- Michigan Soil Vapor Extraction Remediation (MISER) Model: A Computer Program to Model Soil Vapor Extraction and Bioventing of Organic Chemicals in Unsaturated Geological Material.  
PB98-115355REB 98-01 PC A13/MF A03
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PB98-116445REB 98-01 PC A04/MF A01
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PB98-134133REB 98-03 PC A06/MF A02
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- Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites.  
PB98-118003REB 98-02 PC A03/MF A01
- Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03

## SOLID WASTE MANAGEMENT

- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid Waste Programs Updated July 1997.  
PB98-108251REB 98-02 PC A03/MF A01
- Technical Support Document for the Round Two Sewage Sludge Pollutants.  
PB98-126071REB 98-02 PC A21/MF A04
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PB98-592570REB 98-02 Standing Order

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PB98-108061REB 98-02 PC A03/MF A01

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- Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities. PB98-144702REB 98-03 PC A09/MF A02
- Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules. Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule. PB98-144710REB 98-03 PC A07/MF A02

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National Remedial Review Board. Progress Report: Fiscal Year 1997. PB97-963250REB 98-02 PC A08/MF A02

FY 1998 Superfund Reforms Strategy. PB97-963255REB 98-01 PC A03/MF A01

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim). PB97-963305REB 98-02 PC E13/MF A03

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PB97-964031REB 98-03 PC A07/MF A02

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PB97-964032REB 98-03 PC A05/MF A01

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PB97-964101REB 98-04 PC A08/MF A02

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PB97-964102REB 98-04 PC A06/MF A01

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PB97-964103REB 98-03 PC A05/MF A01

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PB97-964105REB 98-03 PC A05/MF A01

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PB97-964201REB 98-03 PC A05/MF A01

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PB97-964202REB 98-03 PC A04/MF A01

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PB97-964203REB 98-03 PC A07/MF A02

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Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 2, Cheyenne, WY., September 30, 1997.  
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PB97-964503REB 98-03 PC A05/MF A01

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Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
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Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

ROD Amendments and Explanations of Significant Differences (ESD).  
PB98-963100REB 98-02 Standing Order

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PB98-963201REB 98-04 PC A18/MF A03

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PB98-963204REB 98-01 PC A02/MF A01

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PB98-963232REB 98-03 PC A03/MF A01

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PB98-963233REB 98-03 PC A03/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Updated February 1998).  
PB98-963234REB 98-03 PC A03/MF A01

RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998).  
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Profile of the Plastic Resin and Man-Made Fiber Industry. EPA Office of Compliance Sector Notebook Project.  
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Operator's Guide to Eliminating Bias in CEM Systems.  
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Modeling a Plant and Soil Indicator of Habitat Suitability for Small Mammals.  
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Study on Integrating Surveys of Terrestrial Natural Resources: The Oregon Demonstration Project.  
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Sampling and Analysis of VOCs for Indoor Air Source Characterization.  
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Sampling and Analytical Strategies for Organic Emissions Testing of Wet Sources in Small Chambers.  
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Characterization of the Usefulness of the Field and Laboratory Emission Cell (FLEC) for the Evaluation of Emissions from Engineered Wood Products.  
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PB98-155146REB 98-04 PC A03/MF A01

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PB98-108624REB 98-01 PC A05/MF A01

**TEST METHODS**  
SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).  
PB97-501928REB 98-01 CD-ROM \$125.00  
Standard Method of Test for Gamma Spectrometry of Water. ASTM-D-2459-72.  
PB98-106479REB 98-01 PC A03/MF A01  
Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition.  
PB98-111750REB 98-02 PC \$49.00  
Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series.  
PB98-118102REB 98-02 PC A20/MF A04  
Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water.  
PB98-153067REB 98-04 PC A07/MF A02  
Test Methods for Determining Short and Long Term VOC Emissions from Latex Paint.  
PB98-155054REB 98-04 PC A03/MF A01

## TESTING

Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background.  
PB98-101967REB 98-04 PC A99/MF A06  
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PB98-101975REB 98-04 PC A03/MF A01  
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PB98-143373REB 98-03 PC A08/MF A02

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PB98-153018REB 98-04 PC A03/MF A01

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Reregistration Eligibility Decision (RED): Methylene bis(thiocyanate). (Includes RED FACTS: Methylene bis(thiocyanate) Fact Sheet).  
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PB97-963910REB 98-03 PC A05/MF A01  
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PB97-964113REB 98-03 PC A08/MF A02

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PB98-133119REB 98-02 PC A05/MF A01

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PB98-125370REB 98-02 PC A09/MF A02

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ADA351092REB 98-04 PC A01/MF A01

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PB97-136290REB 98-01 PC A05/MF A01  
Effect of Relative Humidity on Gaseous Air Cleaner Media Performance: Toluene Adsorption by Activated Carbon.  
PB98-151772REB 98-04 PC A03/MF A01

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PB98-145485REB 98-04 PC A09/MF A02

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Havre de Grace Heritage Corridor Plan, September 1997.  
PB98-103005REB 98-01 PC A05/MF A01

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National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997.  
PB98-109150REB 98-01 PC A20/MF A04  
Kanawha Valley Toxics Screening Study. Final Report.  
PB98-113111REB 98-01 PC A19/MF A04  
Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995.  
PB98-113640REB 98-01 PC A06/MF A01  
Exposure Mechanisms and Uptake Routes of Lipophilic Organic Toxicants in Fish.  
PB98-125396REB 98-02 PC A06/MF A01  
Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette).  
PB98-500473REB 98-02 CP D01

**TOXIC SUBSTANCES CONTROL ACT**  
Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background.  
PB98-101967REB 98-04 PC A99/MF A06  
Spray Drift Test Guidelines. OPPTS 840.1000 Background for Pesticide Aerial Drift Evaluation.  
PB98-101975REB 98-04 PC A03/MF A01  
Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-500564REB 98-02 Diskette \$140.00  
Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-500572REB 98-02 CP D01  
Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-502388REB 98-04 CP D01  
Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM).  
PB98-502404REB 98-04 Mag Tape \$454.00  
Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-502412REB 98-04 Diskette \$161.00  
Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM).  
SUB-5423REB 98-04 Subscription

**TOXICITY**  
Ecotox Database (AQUIRE, PHYTOX, and TERRETOX) (Non-VMS Data) (on Magnetic Tape). (Renouncement with New Abstract).  
PB97-500292REB 98-02 CP T02  
Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background.  
PB98-101967REB 98-04 PC A99/MF A06  
SAB Report: Review of the Sector Facility Indexing Project (SFIP).  
PB98-104706REB 98-01 PC A03/MF A01  
Assessment of Sediments from the Upper Mississippi River.  
PB98-115165REB 98-01 PC A08/MF A02  
Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.  
PB98-124001REB 98-02 PC A99/MF A06  
Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06  
Mercury Study Report to Congress. Volume 1. Executive Summary.  
PB98-124738REB 98-02 PC A07/MF A02  
Mercury Study Report to Congress. Volume 5. Health Effects of Mercury and Mercury Compounds.  
PB98-124779REB 98-02 PC A17/MF A03  
Acute and Chronic Toxicity of Copper to the Estuarine Copepod 'Eurytemora affinis'.  
PB98-126055REB 98-02 PC A04/MF A01  
Ambient Toxicity Testing in Chesapeake Bay, 5 Year Report.  
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PB98-133010REB 98-02 PC A15/MF A03  
Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02  
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PB98-151764REB 98-04 PC A04/MF A01  
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State-of-the-Art Procedures and Equipment for Internal Inspection and Upgrading of Underground Storage Tanks. 98-03 PC A06/MF A01  
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PB98-147341REB
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Mercury Study Report to Congress. Volume 2. An Inventory of Anthropogenic Mercury Emissions in the United States. 98-02 PC A10/MF A03  
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Mercury Study Report to Congress. Volume 4. An Assessment of Exposure to Mercury in the United States. 98-02 PC A15/MF A03  
PB98-124761REB  
Mercury Study Report to Congress. Volume 7. Characterization of Human Health and Wildlife Risks from Mercury Exposure in the United States. 98-02 PC A09/MF A02  
PB98-124795REB  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey. 98-02 PC A15/MF A03  
PB98-126063REB  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern. 98-02 PC A99/MF A06  
PB98-126691REB
- National Air Quality and Emissions Trends Report, 1996. 98-03 PC A09  
PB98-135155REB
- Characterization of Municipal Solid Waste in the United States: 1996 Update. 98-03 PC A10/MF A02  
PB98-142136REB
- Survey of Environmental Products and Services. 98-03 PC A04/MF A01  
PB98-143365REB
- National Air Pollutant Emission Trends, 1900-1996. 98-04 PC A11  
PB98-153158REB
- National Air Pollutant Emission Trends Procedures Document, 1900-1996; Projections 1999-2010. 98-04 PC A99/MF A06  
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- Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM). 98-03 CD-ROM CP D02  
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RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998). 98-03 PC A03/MF A01  
PB98-963229REB  
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Office of Pesticide Programs Annual Report for 1996. 98-01 PC A05/MF A01  
PB98-102338REB  
Water Quality Criteria and Standards Newsletter. Spring and Summer 1997. 98-01 PC A03/MF A01  
PB98-103237REB  
EPA Strategic Plan: The Mission of the Environmental Protection Agency is to Protect Human Health and to Safeguard the Natural Environment: Air, Water, and Land, upon Which Life Depends. 98-03 PC A07/MF A02  
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QA Review of Papers and Reports: How This Differs from Peer Review. 98-03 PC A03/MF A01  
PB98-135841REB  
Federal Register Volume 63, Number 89, Friday, May 8, 1998, Notices, Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment. 98-03 PC A02/MF A01  
PB98-144728REB  
SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee. 98-04 PC A04/MF A01  
PB98-155005REB  
Water Quality Criteria and Standards Plan: Priorities for the Future. 98-04 PC A05/MF A01  
PB98-163025REB  
Air Pollution Prevention and Control Division's Program within U.S. EPA's Office of Research and Development. 98-04 PC A03/MF A01  
PB98-173446REB  
EPA Superfund Program Policies and Administration. 98-02 Standing Order  
PB98-963200REB  
Superfund/Oil Program Implementation Manual Fiscal Year 99/00. 98-04 PC A18/MF A03  
PB98-963201REB  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997. 98-02 PC A04/MF A01  
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PB98-145618REB 98-03 PC A03/MF A01

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Update on EPA's Air Duct Cleaning Research Activities.  
PB98-137433REB 98-03 PC A03/MF A01

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PB98-135635REB 98-03 PC A03/MF A01

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INDIPAY Model: Evaluates Individual Taxpayer's Claims of Inability to Afford Penalties and Compliance Costs (on Diskette).  
PB98-500366REB 98-01 Diskette \$50.00

**VIRAL DISEASES**

Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03

**VIRGINIA**

Inland Area Contingency Plan and Maps for Virginia (on CD-ROM).  
PB98-502339REB 98-03 CD-ROM CP D01

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Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03

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PB98-137185REB 98-03 PC A11/MF A03

**VITRIFICATION**

Overview of Development in Continuous Emissions Monitoring for Mixed Waste Treatment.  
PB98-135858REB 98-03 PC A03/MF A01

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Utilizing Low Volatile Organic Content Exterior Coatings for Wood Furniture.  
PB98-100415REB 98-01 PC A04/MF A01

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Volume 6. Aerosol Products and Packaging Systems. Report to Congress.  
PB98-105190REB 98-01 PC A08/MF A02

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Volume 2. Comprehensive Emissions Inventory. Report to Congress.  
PB98-105224REB 98-01 PC A10/MF A02

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Economic Incentives to Reduce VOC Emissions from Consumer and Commercial Products.  
PB98-109648REB 98-01 PC A10/MF A02

Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
PB98-111685REB 98-01 PC A21/MF A04

Analysis of Method T0-14 Target Analytes Using a Cryofocusing High-Speed Gas Chromatograph Interfaced to a High-Speed Time-of-Flight Mass Spectrometer.  
PB98-116262REB 98-02 PC A03/MF A01

Evaluation of Waterborne Contact Adhesives for the Store Fixture Industry.  
PB98-116551REB 98-02 PC A03/MF A01

Field Evaluation of EPA Method 0040 (Volatiles Using Bags).  
PB98-133085REB 98-03 PC A08/MF A02

Guideline Series: Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations.  
PB98-135445REB 98-03 PC A05/MF A01

Performance Evaluation of an In situ Anaerobic Biotreatment System for Chlorinated Solvents.  
PB98-135809REB 98-03 PC A02/MF A01

Personal Computer Monitors: A Screening Evaluation of Volatile Organic Emissions from Existing Printed Circuit Board Laminates and Potential Pollution Prevention Alternatives.  
PB98-137102REB 98-03 PC A06/MF A01

Low-VOC Coatings Using Reactive Diluents Demonstration Project.  
PB98-137383REB 98-03 PC A09/MF A02

Characterizing Sink Effects in Large Environmental Chambers.  
PB98-137458REB 98-03 PC A03/MF A01

Cost Analysis of Activated Carbon versus Photocatalytic Oxidation for Removing VOC's from Indoor Air.  
PB98-137490REB 98-03 PC A03/MF A01

Reducing Solvent and Propellant Emissions from Consumer Products.  
PB98-140262REB 98-03 PC A03/MF A01

Characterization of VOC Emissions from an Alkyd Paint.  
PB98-140270REB 98-03 PC A03/MF A01

Identification and Evaluation of Pollution Prevention Techniques to Reduce Indoor Emissions from Engineered Wood Products.  
PB98-140304REB 98-03 PC A03/MF A01

Application of Tunable Diode Lasers as a Fast-Response System to Measure Transient Emissions from Rotary Kilns.  
PB98-140346REB 98-03 PC A03/MF A01

Lessons Learned Controlling VOCs from Three Paint Booths at Marine Corps Depot Facilities.  
PB98-140379REB 98-04 PC A03/MF A01

Evaluation of Sink Effects on VOCs from a Latex Paint.  
PB98-142227REB 98-03 PC A03/MF A01

Verification Testing of Air Pollution Control Technology.  
PB98-145576REB 98-03 PC A03/MF A01

Evaluation of Low-Emitting Products for Use in the Indoor Environment.  
PB98-145592REB 98-03 PC A03/MF A01

Near-Real-Time Measurement of Trace Volatile Organic Compounds from Combustion Processes Using an On-Line Gas Chromatograph.  
PB98-151517REB 98-04 PC A03/MF A01

Sampling and Analysis of VOCs for Indoor Air Source Characterization.  
PB98-151640REB 98-04 PC A03/MF A01

Test Methods for Determining Short and Long Term VOC Emissions from Latex Paint.  
PB98-155054REB 98-04 PC A03/MF A01

VOC Removal at Low Contaminant Concentrations Using Granular Activated Carbon.  
PB98-155138REB 98-04 PC A03/MF A01

Volatilization of Organic Compound Emissions from Automobile Refinishing: Background Information for Promulgated Standards.  
PB98-173461REB 98-04 PC A05/MF A01

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Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Report to Congress.  
PB98-105208REB 98-01 PC A10/MF A02

**WASTE CHARACTERIZATION**

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Definition of Solid Waste and Hazardous Waste Recycling (40 CFR Parts 261.2 and 261.9) Updated July 1997.  
PB98-108061REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid and Hazardous Waste Exclusions (40 CFR Part 261.4) Updated July 1997.  
PB98-108244REB 98-02 PC A04/MF A01

Characterization of Municipal Solid Waste in the United States: 1996 Update.  
PB98-142136REB 98-03 PC A10/MF A02

Estimating Municipal Waste Combustor Non-Metal Air Emissions as a Function of Waste Composition.  
PB98-147176REB 98-03 PC A02/MF A01

**WASTE DISPOSAL**

Superfund Explanation of Significant Difference for the Record of Decision: PSC Resources, Palmer, MA., November 26, 1996.  
PB97-963102REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Brown's Battery Breaking, Shoemakersville, PA., December 1996.  
PB97-963108REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): United Heckathorn Company, Richmond, CA., November 29, 1996.  
PB97-963111REB 98-04 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE) (Metal Discharge Limits), Livermore, CA., April 15, 1997.  
PB97-963114REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Apache Powder Co., St. David, AZ., April 16, 1997.  
PB97-963115REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Tucson International Airport Area, (Areas A and B Groundwater Operable Unit), Tucson, AZ., February 27, 1997.  
PB97-963116REB 98-03 PC A03/MF A01

Superfund Record of Decision Amendment (EPA Region 10): Gould, Inc., Soils Operable Unit, Portland, OR., June 3, 1997.  
PB97-963121REB 98-04 PC A06/MF A01

Superfund Record of Decision Amendment (EPA Region 5): Arcanum Iron and Metal, Darke County, OH., June 18, 1997.  
PB97-963124REB 98-03 PC A08/MF A02

Superfund Record of Decision Amendment (EPA Region 5): United Scap Lead Co., Inc., Troy, OH., June 27, 1997.  
PB97-963125REB 98-03 PC A09/MF A02

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Fields Brook (Sediment Operable Unit), Ashtabula, OH., August 15, 1997.  
PB97-963126REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Volney Municipal Landfill, Town of Volney, NY., August 7, 1997.  
PB97-963129REB 98-04 PC A03/MF A01

Superfund Record of Decision Amendment (EPA Region 4): Homestead AFB, FL., August 18, 1997.  
PB97-963132REB 98-03 PC A04/MF A01

Superfund Record of Decision Amendment (EPA Region 10): Hanford Site - 200 Area (USDOE), Benton County, WA., September 25, 1997.  
PB97-963136REB 98-04 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Paoli Rail Yard, Paoli, PA., April 2, 1997.  
PB97-963144REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 6): PAB Oil and Chemical Service Inc., Abbeville, LA., March 12, 1997.  
PB97-963145REB 98-03 PC A03/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 6): Crystal Chemical Co., Houston, TX., March 19, 1997.  
PB97-963146REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Salem Acres, Salem, MA., April 11, 1997.  
PB97-963148REB 98-03 PC A02/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Moss-American (Kerr-McGee Oil Co.), Milwaukee, WI., April 29, 1997.  
PB97-963153REB 98-03 PC A03/MF A01

Superfund Record of Decision Amendment (EPA Region 5): Allied Chemical and Ironton Coke, Ironton, OH., September 4, 1997.  
PB97-963155REB 98-03 PC A03/MF A01

Superfund Record of Decision Amendment (EPA Region 4): Coleman-Evans Wood Preserving Co., Whitehouse, FL., September 25, 1997.  
PB97-963157REB 98-04 PC A06/MF A01

Superfund Record of Decision Amendment (EPA Region 4): Marzone Inc./Chevron Chemical Company, Tifton, GA., June 18, 1997.  
PB97-963158REB 98-03 PC A04/MF A01

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Fort Ord, Operable Unit 2, Marina, CA., January 17, 1997.  
PB97-963160REB 98-03 PC A02/MF A01

Superfund Record of Decision (EPA Region 1): Pease Air Force Base Brooks/Ditches Operable Unit, Portsmouth/Newington, NH., September 30, 1997.  
PB97-963710REB 98-04 PC A13/MF A03

Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 2, Colts Neck, NJ., September 25, 1997.  
PB97-963811REB 98-03 PC A06/MF A01

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PB97-963817REB 98-03 PC A07/MF A02

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Superfund Record of Decision (EPA Region 2): Grand Street Mercury Site, Hoboken, NJ., September 30, 1997. PB97-963820REB 98-04 PC A99/MF A06

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Superfund Record of Decision (EPA Region 3): Marine Corps Combat Development Command (Site 4), Operable Unit 4, Quantico, VA., September 30, 1997. PB97-963910REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 3): Naval Surface Warfare-Dahlgren Site 2, Dahlgren, VA., September 29, 1997. PB97-963917REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 14, Oak Ridge, TN., September 25, 1997. PB97-964028REB 98-03 PC A06/MF A02

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 17 L-Area Oil and Chemical Basin (904-83G) and L-Area Acid Caustic Basin (904-79G), Aiken, SC., September 30, 1997. PB97-964031REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE) Operable Unit 16, Old F Area Seepage Basin (904-49G), Aiken, SC., May 14, 1997. PB97-964032REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 5): South Point Plant Site, South Point, OH., September 26, 1997. PB97-964108REB 98-03 PC A05/MF A01

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Superfund Record of Decision (EPA Region 6): RSR Corp., Operable Unit 4 (Groundwater) and Operable Unit 5, Dallas, TX., April 3, 1997. PB97-964205REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 6): Tar Creek (Ottawa County), Operable Unit 2, Ottawa County, OK., August 27, 1997. PB97-964206REB 98-03 PC A13/MF A03

Superfund Record of Decision (EPA Region 7): Cherokee County (Baxter Springs and Trece Subsites), Operable Unit 3/4, Cherokee County, KS., August 20, 1997. PB97-964302REB 98-03 PC A12/MF A03

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Superfund Record of Decision (EPA Region 9): Tucson International Airport Area (Volume 1 and 2), Tucson, AZ., September 30, 1997. PB97-964515REB 98-03 PC A14/MF A03

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Superfund Record of Decision (EPA Region 10): Old Navy Dump, Manchester Laboratory (USEPA/NOAA), Manchester, WA., September 30, 1997. PB97-964613REB 98-04 PC A07/MF A02

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Restrictions (40 CFR Part 268) Updated July 1997. PB98-108137REB 98-02 PC A04/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Units (40 CFR Parts 264/265, Subparts K, L, M, N) Updated July 1997. PB98-108145REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Permits and Interim Status (40 CFR Part 270) Updated July 1997. PB98-108178REB 98-02 PC A03/MF A01

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Guidance for Landfilling Waste in Economically Developing Countries. PB98-142102REB 98-03 PC A19/MF A04

ROD Amendments and Explanations of Significant Differences (ESD). PB98-963100REB 98-02 Standing Order

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Emerging Technologies for the Management and Utilization of Landfill Gas. PB98-127913REB 98-03 PC A06/MF A01

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Superfund Explanation of Significant Difference for the Record of Decision: Auburn Road Landfill, Londonderry, NH., December 19, 1996. PB97-963101REB 98-03 PC A06/MF A01

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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Toftdahl Drums, Brush Prairie, WA., June 17, 1997. PB97-963119REB 98-04 PC A02/MF A01

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Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Watson Creek Sediment, O-Field Operable Unit, Aberdeen Proving Ground, MD., September 23, 1997. PB97-963908REB 98-03 PC A05/MF A01

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Superfund Record of Decision (EPA Region 4): Paducah Gaseous Diffusion Plant (USDOE) (Waste Area Group 17), Paducah, KY., September 29, 1997.  
PB97-964018REB 98-03 PC A04/MF A01

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PB97-964019REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 4): FCX Inc., (Washington Plant), Washington, NC., December 18, 1996.  
PB97-964021REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 4): Newsome Brothers/Old Reichhold Chemicals, Operable Unit 2, Columbia MS., August 8, 1997.  
PB97-964022REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 2 (Oak Ridge Y-12 Plant Bear Creek Valley), Oak Ridge, TN., January 23, 1997.  
PB97-964023REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 11, Central Shops Burning/Rubble Pit (631-6G) (U), Aiken, SC., May 14, 1997.  
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PB97-964103REB 98-03 PC A05/MF A01

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PB97-964104REB 98-03 PC A06/MF A01

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PB97-964105REB 98-03 PC A05/MF A01

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PB97-964106REB 98-03 PC A05/MF A01

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PB97-964107REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 5): Marion (Bragg) Dump Site, Operable Units 2 and 3, Marion, IN., September 30, 1997.  
PB97-964109REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 5): Wright-Patterson Air Force Base, Operable Unit 2, Dayton, OH., September 30, 1997.  
PB97-964110REB 98-03 PC A05/MF A01

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PB97-964111REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 5): Bendix Corp/Allied Automotive, St. Joseph, MI., September 30, 1997.  
PB97-964115REB 98-03 PC A06/MF A01

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PB97-964116REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 5): Roto-Finish Co., Inc., Kalamazoo, MI., March 31, 1997.  
PB97-964117REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 5): Madison Metropolitan Sewerage District, Blooming Grove, WI., March 31, 1997.  
PB97-964118REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 6): Louisiana Army Ammunition Plant, Soil Source Operable Unit, Doyline, LA., March 4, 1997.  
PB97-964201REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 6): Southern Shipbuilding Corp., Operable Unit 2, Slidell, LA., September 15, 1997.  
PB97-964203REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 9): Agriculture Street Landfill, Operable Unit 4 and 5, New Orleans, LA., September 2, 1997.  
PB97-964207REB 98-03 PC A12/MF A03

Superfund Record of Decision (EPA Region 7): Des Moines TCE, Operable Units 2 and 4, Des Moines, IA., December 13, 1996.  
PB97-964301REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 7): Fort Riley Pesticide Storage Facility, Operable Unit 2, Junction City, KS., September 29, 1997.  
PB97-964303REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 7): Bee Cee Manufacturing Co., Malden, MO., September 30, 1997.  
PB97-964305REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 8): California Gulch, Operable Unit 10, Leadville, CO., August 8, 1997.  
PB97-964402REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 8): Rocky Flats Plant (USDOE), Operable Unit 3, Golden, CO., June 3, 1997.  
PB97-964406REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 9): Moffett Naval Air Station, Operable Unit 1, Sunnyvale, CA., August 14, 1997.  
PB97-964507REB 98-04 PC A11/MF A03

Superfund Record of Decision (EPA Region 9): Barstow Marine Corps Logistics Base, Operable Units 3 and 4, Barstow, CA., June 3, 1997.  
PB97-964508REB 98-04 PC A18/MF A04

Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Units 2A and 3A (No Action Sites), El Toro, CA., September 29, 1997.  
PB97-964513REB 98-04 PC A10/MF A02

Superfund Record of Decision (EPA Region 9): Camp Pendleton Marine Corps Base, Operable Unit 2, San Diego, CA., September 30, 1997.  
PB97-964516REB 98-04 PC A15/MF A03

Superfund Record of Decision (EPA Region 9): Norton Air Force Base, Operable Unit 3, Site 19 Waste Drum Storage Area No. 1, San Bernardino, CA., June 25, 1997.  
PB97-964517REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit A) (aka: Bremerton Naval Complex), Bremerton, WA., January 24, 1997.  
PB97-964602REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit NSC) (aka: Bremerton Naval Complex), Bremerton, WA., December 13, 1996.  
PB97-964603REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Monsanto Chemical Co. (Soda Springs), Soda Springs, ID., April 30, 1997.  
PB97-964605REB 98-04 PC A07/MF A02

Guidance on EPA Participation in Bankruptcy Cases.  
PB98-103146REB 98-01 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to State Programs Updated July 1997.  
PB98-108269REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
PB98-108301REB 98-02 PC A04/MF A01

Development of Tools for Evaluating Integrated Municipal Waste Management Using Life-Cycle Management.  
PB98-145600REB 98-03 PC A02/MF A01

Veterans Affairs Medical Center Pollution Prevention Assessment.  
PB98-159767REB 98-04 PC A05/MF A01

Biennial Reporting System (BRS) Data: Generation and Management of Hazardous Waste, 1995 (Final) (on CD-ROM).  
PB98-500077REB 98-01 CD-ROM \$480.00

Superfund Public Information System (SPIS) (on CD-ROM).  
PB98-500341REB 98-02 CD-ROM \$60.00

PROJECT Model: Evaluates the Value of Supplemental Environmental Projects (SEP) (Version 1.3) (on Diskette).  
PB98-500408REB 98-01 Diskette \$50.00

Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
PB98-502354REB 98-04 CD-ROM \$60.00

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

RCRA Permit Policy Compendium, September 1993 Update (on Diskette).  
PB98-502511REB 98-04 Diskette \$116.00

Environmental Response Training Program Schedule of Courses, September 1, 1998 - September 30, 1999.  
PB98-963227REB 98-03 PC A06/MF A01

RCRA, Superfund and EPCRA Hotline Training Module: Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998).  
PB98-963233REB 98-03 PC A03/MF A01

RCRA, Superfund and EPCRA Hotline Training Module: Introduction to: Superfund Administrative Improvements/Reforms (Update February 1998).  
PB98-963234REB 98-03 PC A03/MF A01

EPA Superfund Records of Decision (RODS) for Region 1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.  
PB98-963700REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 3: New Jersey, New York, Puerto Rico, and Virgin Islands.  
PB98-963800REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 3: Delaware, Washington DC., Maryland, Pennsylvania, and Virginia.  
PB98-963900REB 98-02 Standing Order

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PB98-964100REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 6: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.  
PB98-964200REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 7: Iowa, Kansas, Missouri, and Nebraska.  
PB98-964300REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 8: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.  
PB98-964400REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 9: Arizona, California, Hawaii, Nevada, American Samoa, and Guam.  
PB98-964500REB 98-02 Standing Order

EPA Superfund Records of Decision (RODS) for Region 10: Alaska, Idaho, Oregon, and Washington.  
PB98-964600REB 98-02 Standing Order

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

## WASTE OILS

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
PB98-108301REB 98-02 PC A04/MF A01

Hot Water Injection for the Remediation of Oil Wastes.  
PB98-139991REB 98-03 PC A03/MF A01

## WASTE PROCESSING PLANTS

Capsule Report: Sources and Air Emission Sources and Control Technologies at Waste Management Facilities.  
PB98-131998REB 98-03 PC A04/MF A01

## WASTE RECYCLING

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Definition of Solid Waste and Hazardous Waste Recycling (40 CFR Parts 261.2 and 261.9) Updated July 1997.  
PB98-108061REB 98-02 PC A03/MF A01

## WASTE STORAGE

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Containers (40 CFR Parts 264/265, Subpart I, Section 261.7) Updated July 1997.  
PB98-108046REB 98-02 PC A03/MF A01

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Permits and Interim Status (40 CFR Part 270) Updated July 1997.  
PB98-108178REB 98-02 PC A03/MF A01

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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Tanks (40 CFR Parts 264/265, Subpart J) Updated July 1997. 98-02 PC A03/MF A01  
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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Treatment, Storage, and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) Updated July 1997. 98-02 PC A03/MF A01  
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- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Generators (40 CFR Part 262) Updated July 1997. 98-02 PC A03/MF A01  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Transporters (40 CFR Part 263) Updated July 1997. 98-02 PC A03/MF A01  
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- WASTE TREATMENT**  
Best Demonstrated Available Technology (BDAT) Background Document for Wood Preserving Wastes: F032, F034, and F035; Final. 98-01 PC A22/MF A04  
PB97-176911REB
- Remediation Case Studies: Bioremediation and Vitrification. Volume 5. 98-01 PC A13/MF A03  
PB97-177554REB
- Experience in Incineration Applicable to Superfund Site Remediation. 98-01 PC A04/MF A01  
PB98-104193REB
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Miscellaneous and Other Units (40 CFR Part 264, Subpart X and 40 CFR Part 265, Subparts P, Q, and R) Updated July 1997. 98-02 PC A03/MF A01  
PB98-108152REB
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Permits and Interim Status (40 CFR Part 270) Updated July 1997. 98-02 PC A03/MF A01  
PB98-108178REB
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Treatment, Storage, and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) Updated July 1997. 98-02 PC A03/MF A01  
PB98-108293REB
- Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Groundwater from 1992-1997. 98-02 PC A06/MF A01  
PB98-123300REB
- Overview of Development in Continuous Emissions Monitoring for Mixed Waste Treatment. 98-03 PC A03/MF A01  
PB98-135858REB
- High Voltage Environmental Applications, Inc. Electron Beam Technology: Innovative Technology Evaluation Report. 98-03 PC A05/MF A01  
PB98-141971REB
- SITE Technology Capsule: Rochem Separation Systems, Inc., Disc Tube (Trade Name) Module Technology. 98-03 PC A03/MF A01  
PB98-147101REB
- Basis and Purpose Document for the Development of Final National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery Operations. 98-04 PC A06/MF A01  
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- EPA Superfund Technology and Analytical Services. 98-02 Standing Order  
PB98-963500REB
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PB98-166303REB
- WASTE WATER TREATMENT**  
Best Demonstrated Available Technology (BDAT) Background Document for Wood Preserving Wastes: F032, F034, and F035; Final. 98-01 PC A22/MF A04  
PB97-176911REB
- Estimates of Global Greenhouse Gas Emissions from Industrial and Domestic Wastewater Treatment. 98-01 PC A07/MF A02  
PB98-106420REB
- Capsule Report: Aqueous Mercury Treatment. 98-01 PC A04/MF A01  
PB98-115330REB
- SITE Technology Capsule: ZenoGem (Trade Name) Wastewater Treatment Process. 98-01 PC A03/MF A01  
PB98-115371REB
- Field Measurement of Greenhouse Gas Emission Rates and Development of Emission Factors for Wastewater Treatment. 98-02 PC A22/MF A04  
PB98-117898REB
- Design Manual: Municipal Wastewater Disinfection. 98-02 PC A13/MF A03  
PB98-126618REB
- Answers to Frequently Asked Questions about the U.S. EPA Clean Water Indian Set-Aside Grant Program. 98-02 PC A03/MF A01  
PB98-133218REB
- Clean Water Needs Survey Report to Congress, 1996. Assessment of Needs for Publicly Owned Wastewater Treatment Facilities, Correction of Combined Sewer Overflows and Management of Storm Water and Nonpoint Source Pollution in the United States. 98-02 PC A07/MF A02  
PB98-133226REB
- Response to Congress on Privatization of Wastewater Facilities. 98-02 PC A04/MF A01  
PB98-133234REB
- Federal Funding Sources for Small Community Wastewater Systems. 98-02 PC A04/MF A01  
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PB98-135650REB
- Outreach and Technical Assistance Programs. 1997 Accomplishments; Small Underserved Communities Team. 98-04 PC A03/MF A01  
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PB98-106479REB
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Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules. 98-03 PC A03/MF A01  
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Effect of Temperature on Corrosion Control. 98-03 PC A06/MF A01  
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- Leaching of Metals from Household Plumbing Materials: Impact of Home Water Softeners. 98-03 PC A08/MF A02  
PB98-147309REB
- WATER POLLUTANTS**  
Estimation of Infiltration Rate in the Vadose Zone: Compilation of Simple Mathematical Models. Volume 1. 98-03 PC A06/MF A01  
PB98-142474REB
- WATER POLLUTION**  
Catalog of Publications: Office of Science and Technology, 1997 Edition. 98-01 PC A08/MF A02  
PB98-102692REB
- EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin. 98-02 Subscription  
SUB-9042REB
- WATER POLLUTION ABATEMENT**  
Investigation of Hydrogeologic Mapping to Delineate Protection Zones Around Springs; Report of Two Case Studies. 98-02 PC A05/MF A01  
PB97-199749REB
- EPA's Contaminated Sediment Management Strategy. 98-04 PC A08/MF A02  
PB98-153208REB
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Love Canal, Niagara Falls, NY., September 5, 1996. 98-01 PC A03/MF A01  
PB98-963131REB
- Abstracts of Remediation Case Studies. Volume 2. 98-01 PC A05/MF A01  
PB97-177570REB
- Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (O.U. 1), (Management of Migration Operable Unit), Groveland, MA., November 11, 1996. 98-03 PC A03/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision: Groveland Wells (No. 1 and 2 Site), (Source Control Operable Unit), (O.U. 2), Groveland, MA., November 15, 1996. 98-03 PC A03/MF A01  
PB97-963104REB
- Superfund Explanation of Significant Difference for the Record of Decision: South Municipal Water Well Supply, Peterborough, NH., February 3, 1997. 98-03 PC A03/MF A01  
PB97-963105REB
- Superfund Explanation of Significant Difference for the Record of Decision: Savage Municipal Water Supply, (OK Tool Source Area) (Operable Unit 1), Milford, NH., December 19, 1996. 98-03 PC A03/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): United Heckathorn Company, Richmond, CA., November 29, 1996. 98-04 PC A02/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): San Fernando Valley (Area 1), Burbank Operable Unit, Los Angeles, CA., February 12, 1997. 98-03 PC A04/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE) (Metal Discharge Limits), Livermore, CA., April 15, 1997. 98-03 PC A03/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Fields Brook (Sediment Operable Unit), Ashabula, OH., August 15, 1997. 98-03 PC A04/MF A01  
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PB97-963140REB
- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Mill Creek Dump, Erie, PA., April 30, 1997. 98-03 PC A02/MF A01  
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Kellogg-Deering Well Field, Norwalk, CT., March 31, 1997. 98-03 PC A03/MF A01  
PB97-963147REB
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- Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): City Disposal Corp. Landfill, Dunn, WI., June 11, 1997. 98-03 PC A02/MF A01  
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- Superfund Record of Decision Amendment (EPA Region 4): Coleman-Evans Wood Preserving Co., Whitehouse, FL., September 25, 1997. 98-04 PC A06/MF A01  
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PB97-963807REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 24 (Area K Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963808REB 98-03 PC A04/MF A01

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PB97-963814REB 98-03 PC A06/MF A01

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PB97-963817REB 98-03 PC A07/MF A02

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PB97-963901REB 98-03 PC A03/MF A01

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PB97-963902REB 98-03 PC A04/MF A01

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PB97-963905REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 3): Allegany Ballistics Laboratory, (USNavy), Operable Unit 3, Mineral, WV., May 29, 1997.  
PB97-963912REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 3): Naval Air Development Center (8 Areas), Operable Unit 4, Warminster Township, PA., September 30, 1997.  
PB97-963916REB 98-04 PC A04/MF A01

Superfund Record of Decision (EPA Region 3): Naval Surface Warfare-Dahlgren Site 12, Dahlgren, VA., September 30, 1997.  
PB97-963918REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 4): Townsend Saw Chain Co., Pontiac, SC., December 19, 1996.  
PB97-964003REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 4): Aberdeen Pesticide Dumps, Operable Unit 5, Aberdeen, NC., September 16, 1997.  
PB97-964020REB 98-03 PC A06/MF A02

Superfund Record of Decision (EPA Region 4): North Belmont PCE Site, North Belmont, NC., September 24, 1997.  
PB97-964024REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 4): Pensacola Naval Air Station, Operable Unit 10, Pensacola, FL., September 15, 1997.  
PB97-964027REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 14, Oak Ridge, TN., September 25, 1997.  
PB97-964028REB 98-03 PC A06/MF A02

Superfund Record of Decision (EPA Region 5): South Point Plant Site, South Point, OH., September 26, 1997.  
PB97-964108REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 5): Fields Brook Site, Operable Unit 2, Ashtabula, OH., September 29, 1997.  
PB97-964113REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 6): National Zinc Corp., Operable Unit 2, Bartlesville, OK., October 2, 1997.  
PB97-964202REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 7): Nebraska Ordnance Plant (Former), Operable Unit 2, Mead, NE., April 7, 1997.  
PB97-964304REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 8): Ellsworth Air Force Base, Operable Unit 11, Ellsworth Air Force Base, SD., April 28, 1997.  
PB97-964401REB 98-03 PC A06/MF A01

Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 2, Cheyenne, WY., September 30, 1997.  
PB97-964404REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 8): Rocky Flats Plant (USDOE), Operable Unit 1, Golden, CO., February 27, 1997.  
PB97-964405REB 98-03 PC A04/MF A01

Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 6, Ogden, UT., September 30, 1997.  
PB97-964407REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 8, Ogden UT., September 30, 1997.  
PB97-964408REB 98-03 PC A07/MF A02

Superfund Record of Decision (EPA Region 9): Schofield Barracks (US Army), Operable Unit 3, Oahu, HI., November 8, 1996.  
PB97-964501REB 98-03 PC A09/MF A02

Superfund Record of Decision (EPA Region 9): Schofield Barracks (US Army), Operable Unit 2, Oahu, HI., February 7, 1997.  
PB97-964502REB 98-03 PC A07/MF A02

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PB97-964503REB 98-03 PC A05/MF A01

Superfund Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE), Operable Unit 1, Livermore, CA., January 29, 1997.  
PB97-964505REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 9): Western Pacific Railroad Company, Oroville, CA., September 30, 1997.  
PB97-964506REB 98-03 PC A05/MF A01

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PB97-964510REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 9): Modesto Groundwater Contamination, Modesto, CA., September 26, 1997.  
PB97-964511REB 98-03 PC A08/MF A02

Superfund Record of Decision (EPA Region 9): Castle Air Force Base, Merced, CA., May 21, 1997.  
PB97-964512REB 98-04 PC A12/MF A03

Superfund Record of Decision (EPA Region 10): Elmendorf Air Force Base, Operable Unit 6 and Source Area SS 19, Greater Anchorage Borough, AK, December 4, 1996.  
PB97-964607REB 98-04 PC A12/MF A03

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 1, Fairbanks North Star Borough, AK., June 27, 1997.  
PB97-964608REB 98-04 PC A09/MF A02

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK., March 31, 1997.  
PB97-964609REB 98-04 PC A10/MF A03

Superfund Record of Decision (EPA Region 10): East Multnomah County Groundwater Contamination, Operable Unit 1, Multnomah County, OR., December 31, 1996.  
PB97-964610REB 98-04 PC A08/MF A02

Superfund Record of Decision (EPA Region 10): East Multnomah County Ground Water Contamination, Operable Unit 2, Multnomah County, OR., December 31, 1996.  
PB97-964611REB 98-04 PC A07/MF A02

Superfund Record of Decision (EPA Region 10): Boonshub/Airco Site-Wide Ground Water Operable Unit, Vancouver, WA., September 29, 1997.  
PB97-964612REB 98-04 PC A09/MF A02

Superfund Record of Decision (EPA Region 10): Fort Richardson (USArmy), Operable Units A and B, Anchorage, AK., September 15, 1997.  
PB97-964614REB 98-04 PC A09/MF A02

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PB98-102304REB 98-01 PC A06/MF A01

Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States.  
PB98-105422REB 98-01 PC A05/MF A01

Bioremediation of BTEX, Naphthalene, and Phenanthrene in Aquifer Material Using Mixed Oxygen/Nitrate Electron Acceptor Conditions.  
PB98-106466REB 98-01 PC A09/MF A02

Capsule Report: Aqueous Mercury Treatment.  
PB98-115330REB 98-01 PC A04/MF A01

SITE Technology Capsule: ZenoGem (Trade Name) Wastewater Treatment Process.  
PB98-115371REB 98-01 PC A03/MF A01

Ground Water Issue: Design Guidelines for Conventional Pump-and-Treat Systems.  
PB98-115389REB 98-01 PC A04/MF A01

Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments.  
PB98-115587REB 98-01 PC A08/MF A02

Chesapeake Bay Nutrient Reduction Progress and Future Directions. Nutrient Reduction Reevaluation Summary Report.  
PB98-117013REB 98-01 PC A04/MF A01

Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
PB98-126675REB 98-02 PC A05/MF A01

Innovative Measures for Subsurface Chromium Remediation: Source Zone, Concentrated Plume, and Dilute Plume.  
PB98-126717REB 98-02 PC A03/MF A01

BIOPULME III: Natural Attenuation Decision Support System, User's Manual Version 1.0.  
PB98-131642REB 98-02 PC A15/MF A03

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PB98-132400REB 98-02 PC A17/MF A03

Remediation of Ground Water Using In-situ Permeable Reactive Barriers: Chromate and Other Inorganic Contaminants.  
PB98-135122REB 98-03 PC A02/MF A01

Performance Evaluation of an In situ Anaerobic Biotreatment System for Chlorinated Solvents.  
PB98-135809REB 98-03 PC A02/MF A01

Field-Scale Application of In-situ Cosolvent Flushing: Evaluation Approach.  
PB98-135866REB 98-03 PC A03/MF A01

Effectiveness and Safety of Strategies for Oil Spill Bioremediation: Potential and Limitation, Laboratory to Field.  
PB98-140320REB 98-03 PC A02/MF A01

Site Characterization for Subsurface Remediation. Seminar Publication.  
PB98-147333REB 98-03 PC A14/MF A03

Enhanced Remediation Demonstrations at Hill AFB: Introduction. Chapter 20.  
PB98-151251REB 98-04 PC A03/MF A01

Emplacement Verification and Long-Term Performance Monitoring for Permeable Reactive Barrier at the USCG Support Center, Elizabeth City, North Carolina.  
PB98-151285REB 98-03 PC A03/MF A01

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PB98-152879REB 98-04 PC A07/MF A02

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PB98-152887REB 98-04 PC A05/MF A01

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Development Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category.  
PB98-153182REB 98-04 PC A12/MF A03

Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1.  
PB98-153190REB 98-04 PC A06/MF A02

EPA's Contaminated Sediment Management Strategy.  
PB98-153208REB 98-04 PC A08/MF A02

Environmental Assessment for the Proposed Effluent Guidelines for the Landfills Point Source Category. Volume 1.  
PB98-154016REB 98-04 PC A08/MF A02

Economic and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-154040REB 98-04 PC A06/MF A02

Ground Water Remediation of Chromium Using Zero-Valent Iron in a Permeable Reactive Barrier.  
PB98-155088REB 98-04 PC A03/MF A01

Clean Water Action Plan: Restoring and Protecting America's Waters.  
PB98-158553REB 98-04 PC A07/MF A02

NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02

Development Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161201REB 98-04 PC A21/MF A04

Economic Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161219REB 98-04 PC A22/MF A04

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PB98-161227REB 98-04 PC A08/MF A02

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PB98-161235REB 98-04 PC A11/MF A03

Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category. Volume 1. Final Report.  
PB98-161243REB 98-04 PC A09/MF A02

Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative.  
PB98-163033REB 98-04 PC A15/MF A03

Cost and Performance Report: In situ Anaerobic Bioremediation, Pinellas Northeast Site, Largo, Florida.  
PB98-168008REB 98-04 PC A04/MF A01

Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
PB98-169782REB 98-04 PC A02/MF A01

Alternative Methods for Fluid Delivery and Recovery: Manual.  
PB98-169956REB 98-04 PC A07/MF A02

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- Assessment of Sediments from the Upper Mississippi River. PB98-115165REB 98-01 PC A08/MF A02
- National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996. PB98-153141REB 98-04 PC A17/MF A03

## WATER POLLUTION EFFECTS (ANIMALS)

- Ambient Aquatic Life Water Quality Criteria 'Tributyltin'. PB98-103229REB 98-01 PC A09/MF A02
- Concentration of Metal Pollutants in Bacterial Biofilms and Inhibition of Oyster Settlement and Metamorphosis. PB98-119225REB 98-02 PC A06/MF A01

## WATER POLLUTION EFFECTS (PLANTS)

- Ambient Aquatic Life Water Quality Criteria 'Tributyltin'. PB98-103229REB 98-01 PC A09/MF A02

## WATER POLLUTION MONITORING

- Screening Level Probabilistic Ecological Risk Assessment of Copper and Cadmium in the Chesapeake Bay Watershed. PB98-105562REB 98-01 PC A12/MF A03
- Volunteer Lake Monitoring Program 1996. Volume 1. Statewide Summary Report. PB98-107618REB 98-01 PC A14/MF A03
- RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Groundwater Monitoring (40 CFR Parts 264/265, Subpart F) Updated July 1997. PB98-108103REB 98-02 PC A04/MF A01
- Statistical Analysis of the Extensive Component of the Maryland Department of the Environment Stream Acidification Monitoring Program. PB98-119233REB 98-02 PC A04/MF A01
- Ambient Ground Water Quality Monitoring Cost Analysis. PB98-133259REB 98-02 PC A05/MF A01
- Verification of Advanced Air Monitoring Systems. PB98-135635REB 98-03 PC A03/MF A01
- Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix B. Phase 4 Chesapeake Bay Watershed Model Water Quality Calibration Results. PB98-141500REB 98-03 PC A09/MF A06
- Risk Management Research Plan for Ecosystem Restoration in Watersheds. PB98-147044REB 98-03 PC A04/MF A01
- Estimation of Infiltration Rate in the Vadose Zone: Application of Selected Mathematical Models. Volume 2. PB98-147317REB 98-03 PC A08/MF A02
- Potential for Invasion of Underground Sources of Drinking Water through Mud-Plugged Wells: An Experimental Approach. PB98-167976REB 98-04 PC A19/MF A04
- Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers). SUB-5252REB 98-02 Subscription

## WATER POLLUTION SAMPLING

- Using Qualified Data to Document an Observed Release and Observed Contamination. PB94-963311REB 98-02 PC A03/MF A01
- Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 3. National Sediment Contaminant Point Source Inventory. PB98-126863REB 98-02 PC A09/MF A02
- Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern. PB98-126891REB 98-02 PC A09/MF A06
- Ambient Toxicity Testing in Chesapeake Bay. 5 Year Report. PB98-130982REB 98-02 PC A08/MF A02
- Analytical Tools for Groundwater Pollution Assessment. PB98-135130REB 98-03 PC A02/MF A01
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## WATER POLLUTION SOURCES

- Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey. PB98-126063REB 98-02 PC A15/MF A03
- Risk Management Research Plan for Wet Weather Flows. PB98-147093REB 98-03 PC A06/MF A02

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- Economic Assessment for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category. PB98-115249REB 98-01 PC A15/MF A03
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## WATER QUALITY MANAGEMENT

- Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios. PB98-130974REB 98-02 PC A08/MF A02

## WATER QUALITY

- Evaluation of Dredged Material Proposed For Discharge in Waters of the U.S. - Testing Manual. Inland Testing Manual. AD-A338 883/2REB 98-03 PC A25/MF A04
- Protecting Wetlands 2: Technical and Financial Assistance Programs for Local Governments in the Chesapeake Bay Region. PB98-133416REB 98-02 PC A07/MF A02
- Alaska Placer Mining Metals Study. PB98-145998REB 98-03 PC A13/MF A03
- National Public Water System Supervision Program: FY98 Compliance Report. PB98-147358REB 98-03 PC A05/MF A01
- National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items. PB98-152994REB 98-04 PC A03/MF A01

## WATER QUALITY CRITERIA

- Ambient Aquatic Life Water Quality Criteria 'Tributyltin'. PB98-103229REB 98-01 PC A09/MF A02

## WATER QUALITY DATA

- Volunteer Lake Monitoring Program 1996. Volume 1. Statewide Summary Report. PB98-107618REB 98-01 PC A14/MF A03
- Lake Michigan Water Quality Report 1992-1993. PB98-123052REB 98-02 PC A08/MF A02
- Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water. PB98-153067REB 98-04 PC A07/MF A02

## WATER QUALITY MANAGEMENT

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- Proceedings of the National Watershed Water Quality Project Symposium. Held in Washington DC. on September 22-26, 1997. PB98-136955REB 98-03 PC A13/MF A03
- Federal Register Volume 63, Number 89, Friday, May 8, 1998, Notices. Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment. PB98-144726REB 98-03 PC A02/MF A01
- National Estuary Program: A Ten-Year Perspective. Demonstrating Practical Tools for Watershed Management through the National Estuary Program. PB98-152937REB 98-04 PC A02/MF A01
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- Outreach and Technical Assistance Programs. 1997 Accomplishments; Small Underserved Communities Team. PB98-169790REB 98-04 PC A03/MF A01

## WATER QUALITY STANDARDS

- Water Quality Criteria and Standards Newsletter. Spring and Summer 1997. PB98-103237REB 98-01 PC A03/MF A01
- Safe Drinking Water Act, One Year Later. Success in Advancing Public Health Protection. PB98-104029REB 98-01 PC A03/MF A01
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- Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection

- Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities. PB98-144702REB 98-03 PC A09/MF A02

- Economic Analysis and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. PB98-152879REB 98-04 PC A07/MF A02

- Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category. PB98-152887REB 98-04 PC A05/MF A01

- Bacterial Water Quality Standards for Recreational Waters (Freshwater and Marine Waters). Status Report. PB98-153075REB 98-04 PC A04/MF A01

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- Water Quality Criteria and Standards Plan: Priorities for the Future. PB98-163025REB 98-04 PC A05/MF A01

## WATER RECLAMATION

- Clean Water Action Plan: Restoring and Protecting America's Waters. PB98-158553REB 98-04 PC A07/MF A02

## WATER RESOURCES

- Catalog of Publications: Office of Science and Technology. 1997 Edition. PB98-102692REB 98-01 PC A08/MF A02
- Advisory on the Development of Phase 2 of the Index of Watershed Indicators. PB98-104771REB 98-01 PC A03/MF A01
- Lake Regions of Florida. PB98-122237REB 98-02 PC A06/MF A02

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- Environmental Monitoring and Assessment Program Surface Waters. Field Operations Manual for Lakes. PB98-122211REB 98-02 PC A13/MF A03

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- Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE). PB98-126667REB 98-02 PC A02/MF A01
- Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices. Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List. PB98-144694REB 98-03 PC A04/MF A01
- National Public Water System Supervision Program: FY98 Compliance Report. PB98-147358REB 98-03 PC A05/MF A01

## WATER SYSTEMS

- Small System Compliance Technology List for the Surface Water Treatment Rule. PB98-104045REB 98-01 PC A04/MF A01
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Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities. PB98-144702REB 98-03 PC A09/MF A02

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Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules. PB98-144736REB 98-03 PC A03/MF A01

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PB98-165178REB 98-04 PC A02/MF A01

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PB98-165202REB 98-04 PC A02/MF A01

**EPA/730/F-98/021**  
Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.  
PB98-165186REB 98-04 PC A02/MF A01

**EPA/738/K-98/003**  
Pesticide Reregistration Progress Report for 1997.  
PB98-164502REB 98-04 PC A05/MF A01

**EPA/735/R-98/001**  
Pesticides and National Strategies for Health Care Providers. Workshop Proceedings. Held on April 23-24, 1998.  
PB98-164668REB 98-04 PC A05/MF A01

**EPA/735/R-98/001**  
Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites.  
PB98-118003REB 98-02 PC A03/MF A01

**EPA/821/B-98/017**  
Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative.  
PB98-163033REB 98-04 PC A15/MF A03

**EPA/625/R-97/008**  
Proceedings of the National Watershed Water Quality Project Symposium. Held in Washington DC. on September 22-26, 1997.  
PB98-136955REB 98-03 PC A13/MF A03

**EPA/310/R-97/001**  
Profile of the Air Transportation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-158686REB 98-04 PC A07/MF A02

**EPA/310/R-97/007**  
Profile of the Fossil Fuel Electric Power Generation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143423REB 98-03 PC A09/MF A02

**EPA/310/R-97/002**  
Profile of the Ground Transportation Industry: Trucking, Railroad and Pipeline. EPA Office of Compliance Sector Notebook Project.  
PB98-143456REB 98-03 PC A08/MF A02

**EPA/310/R-97/004**  
Profile of the Metal Casting Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143381REB 98-03 PC A09/MF A02

**EPA/310/R-97/005**  
Profile of the Pharmaceutical Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143431REB 98-03 PC A09/MF A02

**EPA/310/R-97/006**  
Profile of the Plastic Resin and Man-Made Fiber Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143449REB 98-03 PC A10/MF A02

**EPA/310/R-97/008**  
Profile of the Shipbuilding and Repair Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143407REB 98-03 PC A08/MF A02

**EPA/310/R-97/009**  
Profile of the Textile Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143373REB 98-03 PC A08/MF A02

**EPA/310/R-97/003**  
Profile of the Water Transportation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143399REB 98-03 PC A06/MF A02

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Real-Time Monitoring of Particles, PAH, and CO in an Occupied Townhouse.  
PB98-135627REB 98-03 PC A03/MF A01

**EPA/738/F-98/001**  
RED Facts: 'Bacillus thuringiensis'.  
PB98-153117REB 98-04 PC A02/MF A01

**EPA/738/F-98/009**  
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PB98-153091REB 98-04 PC A02/MF A01

**EPA/738/F-97/010**  
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PB98-153042REB 98-04 PC A02/MF A01

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PB98-102924REB 98-01 PC A03/MF A01

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PB98-125644REB 98-02 PC A02/MF A01

**EPA/738/F-97/016**  
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PB98-125669REB 98-02 PC A02/MF A01

**EPA/738/F-97/009**  
RED Facts: Propoxur.  
PB98-125651REB 98-02 PC A02/MF A01

**EPA/738/F-97/011**  
RED Facts: Terbacil.  
PB98-153000REB 98-04 PC A02/MF A01

**EPA/738/F-97/013**  
RED Facts: Thiobencarb.  
PB98-153018REB 98-04 PC A03/MF A01

**EPA/542/R-97/008**  
Remediation Case Studies: Bioremediation and Vitrification. Volume 5.  
PB97-177554REB 98-01 PC A13/MF A03

**EPA/542/R-97/009**  
Remediation Case Studies: Soil Vapor Extraction and Other In situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03

**EPA/738/R-98/004**  
Reregistration Eligibility Decision (RED): 'Bacillus thuringiensis'. (Includes RED Facts: 'Bacillus thuringiensis').  
PB98-153125REB 98-04 PC A10/MF A02

**EPA/738/R-98/009**  
Reregistration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).  
PB98-153109REB 98-04 PC A09/MF A02

**EPA/738/R-97/010**  
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PB98-153083REB 98-04 PC A08/MF A02

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**EPA/738/R-97/006**  
Reregistration Eligibility Decision (RED): Metribuzin. (Includes RED Facts: Metribuzin Fact Sheet).  
PB98-153034REB 98-04 PC A13/MF A03

**EPA/738/R-97/016**  
Reregistration Eligibility Decision (RED): Parantrophol. (Includes RED Facts: Parantrophol Fact Sheet).  
PB98-125677REB 98-02 PC A05/MF A01

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PB98-125685REB 98-02 PC A09/MF A02

**EPA/738/R-97/011**  
Reregistration Eligibility Decision (RED): Terbacil. (Includes RED Facts: Terbacil Fact Sheet).  
PB98-152903REB 98-04 PC A11/MF A03

**EPA/738/R-97/013**  
Reregistration Eligibility Decision (RED): Thiobencarb. (Includes RED Facts: Thiobencarb) Fact Sheet.  
PB98-152995REB 98-04 PC A12/MF A03

**EPA/600/R-97/126**  
Research Plan: Interactive Effects of O3 and CO2 on the Ponderosa Pine Plant/Litter/Soil System.  
PB98-104730REB 98-02 PC A07/MF A02

**EPA/402/R-97/006**  
Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Groundwater from 1992-1997.  
PB98-123300REB 98-02 PC A06/MF A01

**EPA/832/R-97/001A**  
Response to Congress on Privatization of Wastewater Facilities.  
PB98-133234REB 98-02 PC A04/MF A01

**EPA-SAB-EPEC-98-003**  
SAB Report: Ecological Impacts and Evaluation Criteria for the Use of Structures in Marsh Management.  
PB98-133721REB 98-02 PC A05/MF A01

**EPA/SAB/RAC/ADV-98/001**  
SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II.  
PB98-169964REB 98-04 PC A04/MF A01

**EPA-SAB-EPEC-98-009**  
SAB Report: Evaluation of the Environmental Monitoring and Assessment Program (EMAP) Research Strategy and Research Plan.  
PB98-104730REB 98-01 PC A03/MF A01

**EPA-SAB-EHC-97-010**  
SAB Report: Guidelines for Cancer Risk Assessment.  
PB98-104722REB 98-01 PC A05/MF A01

**EPA/SAB/EEC-98/008**  
SAB Report: Review of ORD'S Pollution Prevention Research Strategy. Review of the Office of Research and

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- Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee.  
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SAB Report: Review of the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM).  
PB98-104748REB 98-01 PC A06/MF A01
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SAB Report: Review of the National Risk Management Research Laboratory (NRMRL).  
PB98-104714REB 98-01 PC A04/MF A01
- EPA/SAB-EEC-97-012**  
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PB98-133713REB 98-02 PC A04/MF A01
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SAB Report: Review of the Surface Impoundments Study (SIS) Plan. Review of the Office of Solid Waste's Proposed Surface Impoundment Study by the Environmental Engineering Committee.  
PB98-169303REB 98-04 PC A04/MF A01
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Safe Drinking Water Act, One Year Later. Success in Advancing Public Health Protection.  
PB98-104029REB 98-01 PC A03/MF A01
- EPA/832/R-95/007**  
Sanitary Sewer Overflow Workshop. Held in Washington, DC, on April 26-28, 1995.  
PB98-169972REB 98-04 PC A11/MF A03
- EPA/625/3-79/010**  
Seminar Publication: Pollution Control in the Forest Products Industry.  
PB98-102304REB 98-01 PC A06/MF A01
- EPA/542/B-98/006**  
Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies. First Edition.  
PB98-161185REB 98-04 PC A06/MF A01
- EPA/815/R-97/002**  
Small System Compliance Technology List for the Surface Water Treatment Rule.  
PB98-104045REB 98-01 PC A04/MF A01
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PB98-141286REB 98-03 PC A03/MF A01
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Spray Drift Test Guidelines. OPPTS 840.1000 Background for Pesticide Aerial Drift Evaluation.  
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State Methods for Delineating Source Water Protection Areas for Surface Water Supplied Sources of Drinking Water.  
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Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
PB98-126675REB 98-02 PC A05/MF A01
- EPA/821/B-97/006**  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-152887REB 98-04 PC A05/MF A01
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Statistical Support Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115157REB 98-01 PC A07/MF A02
- EPA/821/B-98/014**  
Statistical Support Document of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161235REB 98-04 PC A11/MF A03
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Status of Chemicals in Special Review.  
PB98-152911REB 98-04 PC A05/MF A01
- EPA/533/R-94/066F**  
Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Volume 6. Aerosol Products and Packaging Systems. Report to Congress.  
PB98-105190REB 98-01 PC A08/MF A02
- EPA/454/F-98/005**  
Supplement C to Compilation of Air Pollutant Emission Factors. Volume 1. Stationary Point and Area Sources (Fifth Edition).  
PB98-152689REB 98-04 PC A06/MF A02
- EPA/821/R-97/007**  
Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115272REB 98-01 PC A20/MF A04
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Technical Support Document for the Round Two Sewage Sludge Pollutants.  
PB98-126071REB 98-02 PC A21/MF A04
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Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990.  
PB98-169188REB 98-04 PC A06/MF A01
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PB98-108616REB 98-01 PC A04/MF A01
- EPA/815/R-98/005**  
U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
PB98-169766REB 98-04 PC A04/MF A01
- EPA/823/F-98/009**  
Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet.  
PB98-153174REB 98-04 PC A02/MF A01
- EPA/832/D-98/001**  
Water Conservation Plan Guidelines.  
PB98-169741REB 98-04 PC A11/MF A03
- EPA/833/F-98/003**  
Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
PB98-169782REB 98-04 PC A02/MF A01
- EPA/821/R-97/009**  
Water Quality Benefits Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115132REB 98-01 PC A06/MF A01
- EPA/823/N-97/005**  
Water Quality Criteria and Standards Newsletter. Spring and Summer 1997.  
PB98-103237REB 98-01 PC A03/MF A01
- EPA/822/R-98/003**  
Water Quality Criteria and Standards Plan: Priorities for the Future.  
PB98-163025REB 98-04 PC A05/MF A01
- EPA/820/B-96/001**  
Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water.  
PB98-153067REB 98-04 PC A07/MF A02
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Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary.  
PB98-169758REB 98-04 PC A06/MF A01
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**SOLID WASTE MANAGEMENT**
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Background Document for Capacity Analysis for Land Disposal Restrictions. Phase 4 (Second Supplement): Toxicity Characteristic Metal Wastes and Newly Identified Mineral Processing Wastes (Proposed Rule).  
PB97-176978REB 98-01 PC A15/MF A03
- EPA/530/R-97/026**  
Best Demonstrated Available Technology (BDAT) Background Document for Wood Preserving Wastes: F032, F034, and F035; Final.  
PB97-176911REB 98-01 PC A22/MF A04
- Biennial Reporting System (BRS) Data: Generation and Management of Hazardous Waste, 1995 (Final) (on CD-ROM).  
PB98-500077REB 98-01 CD-ROM \$480.00
- EPA/530/R-97/015**  
Characterization of Municipal Solid Waste in the United States: 1996 Update.  
PB98-142136REB 98-03 PC A10/MF A02
- EPA/510/B-95/007**  
How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites. A Guide for Corrective Action Plan Reviewers.  
PB98-113525REB 98-01 PC A20/MF A04
- EPA/530/R-95/006**  
RCRA Implementation Plan (RIP): Fiscal Years 1996-97.  
PB98-150121REB 98-04 PC A06/MF A01
- RCRA Permit Policy Compendium, September 1993 Update (on Diskette).  
PB98-502511REB 98-04 Diskette \$116.00
- EPA/530/R-97/047**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Boilers and Industrial Furnaces (40 CFR Part 266, Subpart H) Updated July 1997.  
PB98-108020REB 98-02 PC A03/MF A01
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Closure/Post-Closure (40 CFR Parts 264/265, Subpart G) Updated July 1997.  
PB98-108038REB 98-02 PC A03/MF A01
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Containers (40 CFR Parts 264/265, Subpart I, Section 261.7) Updated July 1997.  
PB98-108046REB 98-02 PC A03/MF A01
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Containment Buildings (40 CFR Parts 264/265, Subpart DD) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Definition of Solid Waste and Hazardous
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Hazardous Waste Incinerators (40 CFR Parts 264/265, Subpart O) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Restrictions (40 CFR Part 268) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Land Disposal Units (40 CFR Parts 264/265, Subparts K, L, M, N) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Permits and Interim Status (40 CFR Part 270) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Petitions, Delistings, and Variances Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Air Emission Standards Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Enforcement and Compliance Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Statutory Overview Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I. Underground Storage Tanks (40 CFR Part 280) Updated July 1997.  
PB98-133093REB 98-02 PC A03/MF A01
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid and Hazardous Waste Exclusions (40 CFR Part 261.4) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid Waste Programs Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Tanks (40 CFR Parts 264/265, Subpart J) Updated July 1997.  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Treatment, Storage, and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) Updated July 1997.  
PB98-108293REB 98-02 PC A03/MF A01
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
PB98-108301REB 98-02 PC A04/MF A01
- Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM).**  
PB98-592570REB 98-02 Standing Order
- Site Enforcement Tracking System (SETS) (National) (for Microcomputers).**  
SUB-5178REB 98-02 Subscription
- Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).**  
SUB-5179REB 98-02 Subscription
- SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).**  
PB97-501928REB 98-01 CD-ROM \$125.00
- Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition.**  
PB98-111750REB 98-02 PCS49.00
- Toxicity Characteristic Rule Enforcement Training Manual.**  
PB98-142080REB 98-03 PC A11/MF A03
- RADIATION**  
**Acid Rain Hourly Emissions Data (Raw Data Only) (on CD-ROM).**  
SUB-5431REB 98-03 Subscription
- EPA/430/R-97/025**  
Compliance Report, 1996: Acid Rain Program. Plants Affected by Phase 1 of the Acid Rain Program in 1996.  
PB98-142151REB 98-03 PC A06/MF A01
- EPA/456/F-97/004**  
Final Revisions to the Ozone and Particulate Matter Air Quality Standards.  
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National Radon Proficiency Program: Guidance on Quality Assurance.  
PB98-123080REB 98-02 PC A08/MF A02
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Putting Energy into Profits. ENERGY STAR (Trade Name) Small Business Guide.  
PB98-143308REB 98-03 PC A07/MF A02
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Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor.  
PB98-167836REB 98-04 PC A07/MF A02
- AIR QUALITY PLANNING AND STANDARDS**  
**Air CHIEF, Version 5.0 (on CD-ROM).**  
PB98-500622REB 98-02 CD-ROM CP D01
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Air Pollution Operating Permit Program Update. Key Features and Benefits.  
PB98-132798REB 98-03 PC A03/MF A01
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Basis and Purpose Document for the Development of Final National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery Operations.  
PB98-152663REB 98-04 PC A06/MF A01
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Basis and Purpose Document on Specifications for Hydrogen-Fueled Engines.  
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PB98-500564REB 98-02 Diskette \$140.00

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**EPA/541/R-97/040**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Tucson International Airport Area, (Areas A and B Groundwater Operable Unit), Tucson, AZ., February 27, 1997.  
PB97-963116REB 98-03 PC A03/MF A01

**EPA/541/R-97/042**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Westinghouse Electric Corp. (Sunnyvale), Sunnyvale, CA., March 14, 1997.  
PB97-963118REB 98-03 PC A03/MF A01

**EPA/541/R-97/164**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Kellogg-Deering Well Field, Norwalk, CT., March 31, 1997.  
PB97-963147REB 98-03 PC A03/MF A01

**EPA/541/R-97/165**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 1): Salem Acres, Salem, MA., April 11, 1997.  
PB97-963148REB 98-03 PC A02/MF A01

**EPA/541/R-97/107**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Curcio Scrap Metal Inc., Operable Unit 2, Saddle Brook, NJ., September 30, 1997.  
PB97-963815REB 98-03 PC A06/MF A01

**EPA/541/R-97/140**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): DeReval Chemical Co., Kingwood Township, NJ., June 12, 1997.  
PB97-963137REB 98-03 PC A02/MF A01

**EPA/541/R-97/141**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Pepe Field, Boonton, NJ., July 25, 1997.  
PB97-963138REB 98-03 PC A03/MF A01

**EPA/541/R-97/034**  
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PB97-963130REB 98-03 PC A02/MF A01

**EPA/541/R-97/150**  
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PB97-963143REB 98-03 PC A02/MF A01

**EPA/541/R-97/149**  
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PB97-963142REB 98-03 PC A02/MF A01

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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Paoli Rail Yard, Paoli, PA., April 2, 1997.  
PB97-963144REB 98-03 PC A02/MF A01

**EPA/541/R-97/148**  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Reverse Chemical Co., Nockamixon Township, PA., March 25, 1997.  
PB97-963141REB 98-03 PC A02/MF A01

Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
PB96-502354REB 98-04 CD-ROM \$60.00

**EPA/541/R-97/110**  
Superfund Record of Decision Amendment (EPA Region 4): Homestead AFB, FL., August 18, 1997.  
PB97-963132REB 98-03 PC A04/MF A01

**EPA/541/R-97/186**  
Superfund Record of Decision Amendment (EPA Region 4): Marzone Inc./Chevron Chemical Company, Tifton, GA., June 18, 1997.  
PB97-963158REB 98-03 PC A04/MF A01

**EPA/541/R-97/173**  
Superfund Record of Decision Amendment (EPA Region 5): Allied Chemical and Ironton Coke, Ironton, OH., September 4, 1997.  
PB97-963155REB 98-03 PC A03/MF A01

**EPA/541/R-97/068**  
Superfund Record of Decision Amendment (EPA Region 5): Arcanum Iron and Metal, Darke County, OH., June 18, 1997.  
PB97-963124REB 98-03 PC A08/MF A02

**EPA/541/R-97/067**  
Superfund Record of Decision Amendment (EPA Region 5): Clare Water Supply, Clare, MI., May 15, 1997.  
PB97-963123REB 98-03 PC A03/MF A01

**EPA/541/R-97/069**  
Superfund Record of Decision Amendment (EPA Region 5): United Scrap Lead Co., Inc., Troy, OH., June 27, 1997.  
PB97-963125REB 98-03 PC A09/MF A02

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Superfund Record of Decision Amendment (EPA Region 6): Bailey Waste Disposal, Bridge City, TX., December 16, 1996.  
PB97-963133REB 98-03 PC A04/MF A01

**EPA/541/R-97/122**  
Superfund Record of Decision Amendment (EPA Region 6): Brio Refining Inc., Friendship, TX., July 2, 1997.  
PB97-963135REB 98-03 PC A04/MF A01

**EPA/541/R-97/009**  
Superfund Record of Decision (EPA Region 2): Federal Aviation Admin Tech Center, (Area P) (Building 204) (Fuel Spill Area), Atlantic County, NJ., February 13, 1997.  
PB97-963801REB 98-03 PC A05/MF A01

**EPA/541/R-97/083**  
Superfund Record of Decision (EPA Region 2): Federal Aviation Administration Technical Center, (Areas A, J, and N), Atlantic County, NJ., July 21, 1997.  
PB97-963809REB 98-03 PC A05/MF A01

**EPA/541/R-97/104**  
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PB97-963813REB 98-03 PC A10/MF A02

**EPA/541/R-97/105**  
Superfund Record of Decision (EPA Region 2): Janssen Inc., Operable Unit 1, Gurabo, PR., September 30, 1997.  
PB97-963814REB 98-03 PC A06/MF A01

**EPA/541/R-97/055**  
Superfund Record of Decision (EPA Region 2): Jones Sanitation, Hyde Park, NY., March 31, 1997.  
PB97-963804REB 98-03 PC A08/MF A02

**EPA/541/R-97/079**  
Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 20 (Site 28 Soil and Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963806REB 98-03 PC A05/MF A01

**EPA/541/R-97/080**  
Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 21 (Areas A and B Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963807REB 98-03 PC A05/MF A01

**EPA/541/R-97/081**  
Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 24 (Area K Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963808REB 98-03 PC A04/MF A01

**EPA/541/R-97/138**  
Superfund Record of Decision (EPA Region 2): Naval Security Group Activity, Operable Unit 1 (Sites 2 and 4), Sabana Seca, PR., September 30, 1997.  
PB97-963818REB 98-03 PC A05/MF A01

**EPA/541/R-97/084**  
Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 1, Colts Neck, NJ., September 25, 1997.  
PB97-963810REB 98-03 PC A06/MF A02

**EPA/541/R-97/085**  
Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 2, Colts Neck, NJ., September 25, 1997.  
PB97-963811REB 98-03 PC A06/MF A01

**EPA/541/R-97/011**  
Superfund Record of Decision (EPA Region 2): Plattsburgh Air Force Base, (Former Landfill LF-024), Plattsburgh, NY., March 25, 1997.  
PB97-963803REB 98-03 PC A07/MF A02

**EPA/541/R-97/108**  
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PB97-963816REB 98-03 PC A06/MF A01

**EPA/541/R-97/109**  
Superfund Record of Decision (EPA Region 2): Richardson Hill Road Landfill/Pond, Sidney Center, NY., September 30, 1997.  
PB97-963817REB 98-03 PC A07/MF A02

**EPA/541/R-97/056**  
Superfund Record of Decision (EPA Region 2): Robintech, Inc./National Pipe Company, Town of Vestal, NY., July 25, 1997.  
PB97-963805REB 98-03 PC A08/MF A02

**EPA/541/R-97/192**  
Superfund Record of Decision (EPA Region 2): Vega Alta Public Supply Wells, Operable Unit 2, Vega Alta PR., September 30, 1997.  
PB97-963821REB 98-03 PC A12/MF A03

**EPA/541/R-97/090**  
Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Beach Point Test Site, Aberdeen Proving Ground, MD., September 24, 1997.  
PB97-963907REB 98-03 PC A05/MF A01

**EPA/541/R-97/091**  
Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Watson Creek Sediment, O-Field Operable Unit, Aberdeen Proving Ground, MD., September 23, 1997.  
PB97-963908REB 98-03 PC A05/MF A01

**EPA/541/R-97/092**  
Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Michaelsville Landfill), Aberdeen Proving Ground, MD., September 23, 1997.  
PB97-963909REB 98-03 PC A04/MF A01

**EPA/541/R-97/089**  
Superfund Record of Decision (EPA Region 3): Allegany Ballistics Laboratory (USNavy), Operable Unit 1, Mineral, WV., February 12, 1997.  
PB97-963906REB 98-03 PC A05/MF A01

**EPA/541/R-97/174**  
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PB97-963912REB 98-03 PC A06/MF A01

**EPA/541/R-97/012**  
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PB97-963901REB 98-03 PC A03/MF A01

**EPA/541/R-97/058**  
Superfund Record of Decision (EPA Region 3): Berks Landfill, Spring Township, PA., July 22, 1997.  
PB97-963903REB 98-04 PC A08/MF A02

**EPA/541/R-97/057**  
Superfund Record of Decision (EPA Region 3): Crossley Farm, (Hereford Groundwater), Hereford, PA., June 30, 1997.  
PB97-963902REB 98-03 PC A04/MF A01

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PB97-963915REB 98-03 PC A05/MF A01

**EPA/541/R-97/175**  
Superfund Record of Decision (EPA Region 3): Dover Air Force Base (LF 13), Dover, DE., September 30, 1997.  
PB97-963913REB 98-03 PC A05/MF A01

**EPA/541/R-97/176**  
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**EPA/541/R-97/087**  
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PB97-963904REB 98-03 PC A06/MF A01

**EPA/541/R-97/093**  
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**EPA/541/R-97/178**  
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<b>EPA/541/R-97/188</b> Superfund Record of Decision (EPA Region 4): Newsome Brothers/Old Reichhold Chemicals, Operable Unit 2, Columbia MS., August 8, 1997. PB97-964022REB 98-03 PC A04/MF A01	<b>EPA/541/R-97/113</b> Superfund Record of Decision (EPA Region 5): J and L Landfill, Operable Unit 2, Rochester Hills, MI., September 30, 1997. PB97-964111REB 98-03 PC A06/MF A01	<b>EPA/541/R-97/147</b> Superfund Record of Decision (EPA Region 8): Ellsworth Air Force Base, Operable Unit 11, Ellsworth Air Force Base, SD., April 28, 1997. PB97-964401REB 98-03 PC A06/MF A01
<b>EPA/541/R-97/203</b> Superfund Record of Decision (EPA Region 4): North Belmont PCE Site, North Belmont, NC., September 24, 1997. PB97-964024REB 98-03 PC A09/MF A02	<b>EPA/541/R-97/156</b> Superfund Record of Decision (EPA Region 5): Madison Metropolitan Sewerage District, Blooming Grove, WI., March 31, 1997. PB97-964118REB 98-03 PC A05/MF A01	<b>EPA/541/R-97/197</b> Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 6, Ogden, UT., September 30, 1997. PB97-964407REB 98-03 PC A07/MF A02
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Superfund Record of Decision (EPA Region 10): Fort Richardson (USArmy), Operable Units A and B, Anchorage, AK., September 15, 1997.  
PB97-964614REB 98-04 PC A09/MF A02

**EPA/541/R-97/054**  
Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 1, Fairbanks North Star Borough, AK., June 27, 1997.  
PB97-964608REB 98-04 PC A09/MF A02

**EPA/541/R-97/061**  
Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK., March 31, 1997.  
PB97-964609REB 98-04 PC A10/MF A03

**EPA/541/R-97/044**  
Superfund Record of Decision (EPA Region 10): Hanford Site - 100 Area (USDOE) 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Benton County, WA., April 4, 1997.  
PB97-963127REB 98-04 PC A04/MF A01

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PB97-964601REB 98-04 PC A06/MF A01

**EPA/541/R-97/049**  
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**EPA/541/R-97/046**  
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Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices. Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01
- EPA/600/R-95/002F**  
Guidelines for Ecological Risk Assessment; Notice.  
PB98-117849REB 98-03 PC A14/MF A03
- EPA/600/R-90/057C**  
Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06
- EPA/600/R-98/002AA**  
Inventory of Sources of Dioxin in the United States. Review Draft.  
PB98-137037REB 98-03 PC A21/MF A04
- EPA/600/R-97/136**  
Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03
- EPA/600/R-95/100**  
Nitrobenzene Carcinogenicity (CAS No. 98-95-3).  
PB98-143282REB 98-03 PC A04/MF A01
- EPA/635/R-98/005**  
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PB98-151764REB 98-04 PC A04/MF A01
- EPA/635/R-98/008**  
Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02
- EPA/635/R-98/003**  
Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01
- EPA/635/R-98/001**  
Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01
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Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A06/MF A01
- EPA/635/R-98/006**  
Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
PB98-151798REB 98-04 PC A05/MF A01
- EPA/635/R-98/002**  
Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01
- EPA/600/R-98/001**  
Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04
- EPA RESEARCH TRIANGLE PARK, NC. ENVIRONMENTAL CRITERIA AND ASSESSMENT OFFICE**
- EPA/600/FP-93/002**  
Supplement to the Second Addendum (1986) to Air Quality Criteria for Particulate Matter and Sulfur Oxides (1982): Assessment of New Findings on Sulfur Dioxide Acute Exposure Health Effects in Asthmatic Individuals.  
PB98-132384REB 98-03 PC A07/MF A02
- CERI-WASHINGTON, DC**
- EPA/625/R-94/003**  
Alternative Methods for Fluid Delivery and Recovery: Manual.  
PB98-169956REB 98-04 PC A07/MF A02
- EPA/625/9-88/008**  
Experience in Incineration Applicable to Superfund Site Remediation.  
PB98-104193REB 98-01 PC A04/MF A01
- EPA/625/R-97/001**  
Handbook: Continuous Emission Monitoring Systems for Non-Criteria Pollutants.  
PB98-112931REB 98-01 PC A09/MF A02
- EPA/625/4-91/026**  
Site Characterization for Subsurface Remediation. Seminar Publication.  
PB98-147333REB 98-03 PC A14/MF A03
- EPA/510/B-97/003**  
State Third-Party Service Provider Programs: Augmenting State Underground Storage Tank Programs.  
PB98-147341REB 98-03 PC A12/MF A03
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- EPA/903/R-97/028**  
Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States.  
PB98-105422REB 98-01 PC A05/MF A01
- EPA/903/R-97/033**  
Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.  
PB98-123243REB 98-02 PC A11/MF A03
- EPA/903/R-97/005**  
Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments.  
PB98-115587REB 98-01 PC A08/MF A02
- EPA/903/R-98/001**  
Catfish Populations in Chesapeake Bay.  
PB98-123235REB 98-02 PC A05/MF A01
- EPA/903/R-98/015**  
Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report.  
PB98-167414REB 98-04 PC A04/MF A01
- Chesapeake Bay Nutrient Reduction Progress and Future Directions. Nutrient Reduction Reevaluation Summary Report.  
PB98-117013REB 98-01 PC A04/MF A01
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PB98-126048REB 98-02 PC A10/MF A02
- EPA/903/R-98/003**  
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PB98-141500REB 98-03 PC A99/MF A06
- EPA/903/R-98/013**  
Comprehensive List of Chesapeake Bay Basin Species, 1998.  
PB98-141476REB 98-03 PC A07/MF A02
- EPA/903/R-97/025**  
Havre de Grace Heritage Corridor Plan, September 1997.  
PB98-103005REB 98-01 PC A05/MF A01
- Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM).  
PB98-502313REB 98-03 CD-ROM CP D01
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PB98-502321REB 98-03 CD-ROM CP D01
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Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997.  
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## EPA/903/R-98/011

Who Pays for Sprawl: The Economic, Social, and Environmental Impacts of Sprawl Development: A Literature Review.  
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### EPA/905/R-92/007

Development of Index of Biotic Integrity Expectations for the Ecoregions of Indiana II. Huron-Erie Lake Plain (December 1994).  
PB98-148828REB 98-03 PC A09

### EPA/905/B-97/001

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Asian and Pacific Islander Seafood Consumption Study: Exposure Information Obtained through a Community-Centered Approach. Planning Phase.  
PB98-119100REB 98-02 PC A18/MF A04

### EPA/910/R-98/001

Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
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### EPA/910/R-97/007

Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03



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(EPA/530/R-97/062) 98-02 PC A03/MF A01  
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RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Petitions, Delistings, and Variances Updated July 1997.  
(EPA/530/R-97/063) 98-02 PC A03/MF A01  
PB98-108186REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Air Emission Standards Updated July 1997.  
(EPA/530/R-97/064) 98-02 PC A03/MF A01  
PB98-108194REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Corrective Action Updated July 1997.  
(EPA/530/R-97/065) 98-02 PC A03/MF A01  
PB98-108202REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Enforcement and Compliance Updated July 1997.  
(EPA/530/R-97/066) 98-02 PC A03/MF A01  
PB98-108210REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Statutory Overview Updated July 1997.  
(EPA/530/R-97/067) 98-02 PC A04/MF A01  
PB98-108228REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Subtitle D: Municipal Solid Waste Disposal Facility Criteria Updated July 1997.  
(EPA/530/R-97/068) 98-02 PC A04/MF A01  
PB98-108236REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid and Hazardous Waste Exclusions (40 CFR Part 261.4) Updated July 1997.  
(EPA/530/R-97/069) 98-02 PC A04/MF A01  
PB98-108244REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid Waste Programs Updated July 1997.  
(EPA/530/R-97/070) 98-02 PC A03/MF A01  
PB98-108251REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to State Programs Updated July 1997.  
(EPA/530/R-97/071) 98-02 PC A03/MF A01  
PB98-108269REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Tanks (40 CFR Parts 264/265, Subpart J) Updated July 1997.  
(EPA/530/R-97/072) 98-02 PC A03/MF A01  
PB98-108277REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Transporters (40 CFR Part 263) Updated July 1997.  
(EPA/530/R-97/073) 98-02 PC A03/MF A01  
PB98-108285REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Treatment, Storage, and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) Updated July 1997.  
(EPA/530/R-97/074) 98-02 PC A03/MF A01  
PB98-108293REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
(EPA/530/R-97/075) 98-02 PC A04/MF A01  
PB98-108301REB

RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Subtitle I, Underground Storage Tanks (40 CFR Part 280) Updated July 1997.  
(EPA/510/R-97/009) 98-02 PC A03/MF A01  
PB98-133093REB

BUREAU OF THE CENSUS, WASHINGTON, DC.  
Survey of Environmental Products and Services.  
PB98-143365REB 98-03 PC A04/MF A01

CADMUS GROUP, INC., CHICAGO, IL.  
Ambient Ground Water Quality Monitoring Cost Analysis.  
(EPA/816/R-97/013) 98-02 PC A05/MF A01  
PB98-133259REB

CALIFORNIA UNIV., DAVIS, DEPT. OF LAND, AIR AND WATER RESOURCES.  
Parameter Estimation of Two-Fluid Capillary Pressure-Saturation and Permeability Functions.  
PB98-151236REB 98-03 PC A07/MF A02

CALIFORNIA UNIV., RIVERSIDE, COLL. OF ENGINEERING.  
AREMOS: Simplified Algorithm for Dispersion in Complex Terrain.  
(EPA/600/A-97/077) 98-01 PC A03/MF A01  
PB98-118510REB

CALRECOVERY, INC., HERCULES, CA.  
Guidance for Landfilling Waste in Economically Developing Countries.  
(EPA/600/R-98/040) 98-03 PC A19/MF A04  
PB98-142102REB

CAMP, DRESSER AND MCKEE, INC., BOSTON, MA.  
In-Vessel Composting of Municipal Wastewater Sludge. Summary Report.  
(EPA/625/8-89/016) 98-01 PC A10/MF A03  
PB98-104201REB

CANADIAN WILDLIFE SERVICE, OTTAWA (ONTARIO).  
CWS-TRS-280  
Effects of Different Habitats versus Agricultural Practices on Farmland Birds in Ontario.  
PB98-122245REB 98-02 PC A07/MF A02

CASE WESTERN RESERVE UNIV., CLEVELAND, OH. DEPT. OF CHEMICAL ENGINEERING.  
Dual Function Sorbent/Catalyst Design for Energy Efficient Chlorinated VOC Destruction.  
(EPA/600/A-97/113) 98-03 PC A03/MF A01  
PB98-135650REB

CENTER FOR HAZARDOUS MATERIALS RESEARCH, PITTSBURGH, PA.  
Simultaneous Destruction of Organics and Stabilization of Metals in Soils. Emerging Technology Report.  
(EPA/540/R-98/500) 98-03 PC A06/MF A01  
PB98-133150REB

CM TECHNOLOGIES, INC., CINCINNATI, OH.  
Performance Characteristics of a Multi-Stage Process for Ex-situ Treatment of Solids or Liquids Contaminated with Chlorinated Organics.  
(EPA/600/A-98/046) 98-03 PC A03/MF A01  
PB98-138662REB

COASTAL ENVIRONMENTAL SERVICES, INC., LINTHICUM, MD.  
Statistical Analysis of the Extensive Component of the Maryland Department of the Environment Stream Acidification Monitoring Program.  
(CBWP-MANTA-AD-97-2) 98-02 PC A04/MF A01  
PB98-119233REB

CONCURRENT TECHNOLOGIES CORP., JOHNSTOWN, PA.  
Powder Coat Applications. (Reannounced with new abstract).  
(EPA/600/R-97/101) 98-02 PC A06/MF A01  
PB98-108624REB

COOPERATIVE INST. FOR RESEARCH IN ENVIRONMENTAL SCIENCE, BOULDER, CO.  
Recent Experiments on Ejectant Plume Dispersion in a Laboratory Convection Tank.  
(EPA/600/A-97/082) 98-02 PC A03/MF A01  
PB98-116361REB

Models and Laboratory Experiments of Buoyant Puff Dispersion in a Convective Boundary Layer.  
(EPA/600/A-97/091) 98-02 PC A03/MF A01  
PB98-116379REB

CORNELL UNIV., ITHACA, NY. DEFREES HYDRAULICS LAB.  
Buoyant Discharges in Reversing Ambient Currents. Experimental Investigation and Prediction.  
(CBWP-MANTA-TF-97-2) 98-02 PC A09/MF A02  
PB98-125370REB

CRATECH, INC., TAHOKA, TX.  
Small Scale Biomass Fueled Gas Turbine Engine.  
(EPA/600/A-98/077) 98-04 PC A02/MF A01  
PB98-151467REB

DYNAMAC CORP., ADA, OK.  
Estimation of Infiltration Rate in the Vadose Zone: Compilation of Simple Mathematical Models. Volume 1.  
(EPA/600/R-97/128A) 98-03 PC A06/MF A01  
PB98-142474REB

DYNAMAC CORP., CORVALLIS, OR.  
Conceptual Framework for a Synoptic Assessment of the Prairie Pothole Region.  
(EPA/600/R-96/061) 98-01 PC A06/MF A01  
PB98-115322REB

Texture Analysis Riparian Coniferous Forest ADAR Imagery to Identify Potential Ecological Indicators for Monitoring.  
(EPA/600/A-98/061) 98-04 PC A03/MF A01  
PB98-151244REB

DYNAMAC INTERNATIONAL, INC., CORVALLIS, OR.  
Development of IBI Metrics for Lakes in Southern New England.  
(EPA/600/A-97/089) 98-01 PC A04/MF A01  
PB98-116395REB

EASTERN RESEARCH GROUP, INC., ARLINGTON, MA.  
Site Characterization for Subsurface Remediation. Seminar Publication.  
(EPA/625/4-91/026) 98-03 PC A14/MF A03  
PB98-147333REB

EASTERN RESEARCH GROUP, INC., LEXINGTON, MA.  
Cost-Effectiveness Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
(EPA/821/R-97/005) 98-01 PC A05/MF A01  
PB98-115140REB

Economic Assessment for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
(EPA/821/R-97/008) 98-01 PC A15/MF A03  
PB98-115249REB

Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
(EPA/821/R-97/007) 98-01 PC A20/MF A04  
PB98-115272REB

Emission Inventory Improvement Program (Kit).  
PB98-118011REB 98-02 PC E99/MF E99

EIIP Volume 1: Introduction and Use of EIIP Guidance for Emissions Inventory Development.  
(EPA/454/R-97/004A) 98-02 PC\$43.00/MF A02  
PB98-118029REB

EIIP Volume 2: Point Sources Preferred and Alternative Methods.  
(EPA/454/R-97/004B) 98-02 PC\$67.00/MF A04  
PB98-118037REB

EIIP Volume 3: Area Sources Preferred and Alternative Methods.  
(EPA/454/R-97/004C) 98-02 PC\$67.00/MF A04  
PB98-118045REB

EIIP Volume 4: Mobile Sources Preferred and Alternative Methods.  
(EPA/457/R-97/004D) 98-02 PC\$43.00/MF A03  
PB98-118052REB

EIIP Volume 5: Biogenic Sources Preferred and Alternative Methods.  
(EPA/457/R-97/004E) 98-02 PC\$43.00/MF A01  
PB98-118060REB

EIIP Volume 6: Quality Assurance Procedures.  
(EPA/457/R-97/004F) 98-02 PC\$67.00/MF A04  
PB98-118078REB

EIIP Volume 7: Data Management Procedures.  
(EPA/457/R-97/004G) 98-02 PC\$67.00/MF A04  
PB98-118086REB

Economic Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
(EPA/821/B-98/012) 98-04 PC A22/MF A04  
PB98-161219REB

Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
(EPA/821/B-98/013) 98-04 PC A08/MF A02  
PB98-161227REB

Alternative Methods for Fluid Delivery and Recovery: Manual.  
(EPA/625/R-94/003) 98-04 PC A07/MF A02  
PB98-169956REB

EASTERN RESEARCH GROUP, MORRISVILLE, NC.  
Field Evaluation of EPA Method 0040 (Volatiles Using Bags).  
(EPA/600/R-98/030) 98-03 PC A08/MF A02  
PB98-133085REB

Acetonitrile Field Test.  
(EPA/600/R-97/140) 98-03 PC A17/MF A03  
PB98-133143REB

EPA's Data Attribute Rating System.  
(EPA/600/A-97/109) 98-03 PC A03/MF A01  
PB98-135783REB

Locating and Estimating Air Emissions from Sources of Polycyclic Organic Matter.  
(EPA/454/R-98/014) 98-04 PC A99/MF A06  
PB98-159822REB

Locating and Estimating Air Emissions from Sources of Arsenic and Arsenic Compounds.  
(EPA/454/R-98/013) 98-04 PC A14/MF A03  
PB98-15132REB

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## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE

- ENSR CORP., ACTON, MA.**  
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Protecting Wetlands 2: Technical and Financial Assistance Programs for Local Governments in the Chesapeake Bay Region. (CBP/TRS-195/98, EPA/903/R-98/002) PB98-133416REB 98-02 PC A07/MF A02
- ENVIRONMENTAL PROTECTION AGENCY, ANNAPOLIS, MD. CHESAPEAKE BAY PROGRAM.**  
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- CBP/TRS-179/97**  
Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios. PB98-130974REB 98-02 PC A08/MF A02
- CBP/TRS-189/97**  
Chesapeake Bay Nutrient Reduction Progress and Future Directions. Nutrient Reduction Reevaluation Summary Report. PB98-117013REB 98-01 PC A04/MF A01
- CBP/TRS-190/97**  
Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments. PB98-115587REB 98-01 PC A08/MF A02
- CBP/TRS-196/98**  
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- CBP/TRS-208/98**  
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- EPA/903/B-97/005**  
Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments. PB98-115587REB 98-01 PC A08/MF A02
- EPA/903/R-97/018**  
Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios. PB98-130974REB 98-02 PC A08/MF A02
- EPA/903/R-98/003**  
Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix B. Phase 4 Chesapeake Bay Watershed Model Water Quality Calibration Results. PB98-141500REB 98-03 PC A99/MF A06
- EPA/903/R-98/004**  
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- EPA/903/R-98/015**  
Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report. PB98-167414REB 98-04 PC A04/MF A01
- ENVIRONMENTAL PROTECTION AGENCY, ARLINGTON, VA. SPECIAL REVIEW AND REREISTRATION DIV.**  
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- ENVIRONMENTAL PROTECTION AGENCY, ATHENS, GA. NATIONAL EXPOSURE RESEARCH LAB.**  
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Field Study to Compare Performance of Stainless Steel Research Monitoring Wells with Existing on-Farm Drinking Water Wells in Measuring Pesticide and Nitrate Concentrations. PB98-143191REB 98-03 PC A07/MF A02
- NERL-ATH-2181**  
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- EPA/905/R-92/007**  
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- EPA/905/R-96/007**  
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- ENVIRONMENTAL PROTECTION AGENCY, CINCINNATI, OH.**  
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- ENVIRONMENTAL PROTECTION AGENCY, CINCINNATI, OH. CENTER FOR ENVIRONMENTAL RESEARCH INFORMATION.**  
CERI-88-91  
Experience in Incineration Applicable to Superfund Site Remediation. PB98-104193REB 98-01 PC A04/MF A01
- EPA/625/9-88/008**  
Experience in Incineration Applicable to Superfund Site Remediation. PB98-104193REB 98-01 PC A04/MF A01
- EPA/625/R-97/001**  
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Animal Investigation Program (AIP). A.I.P. summary report on and around the Nevada Test Site from 1982-1995. DE97008803REB 98-01 PC A04/MF A01
- ENVIRONMENTAL PROTECTION AGENCY, LEONARDO, NJ. OHMSETT TEST FACILITY.**  
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- ENVIRONMENTAL PROTECTION AGENCY, PHILADELPHIA, PA. REGION III.**  
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- Inland Area Contingency Plan and Maps for Pennsylvania (on CD-ROM).** PB98-502321REB 98-03 CD-ROM CP D01
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Development of a New Generation of Small Scale Biomass-Fueled Electric Generating Power Plants. ADA350501REB 98-04 PC A02/MF A01
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- ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. AIR AND ENERGY ENGINEERING RESEARCH LAB.**  
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- EPA/600/A-98/059**  
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- EPA/600/A-98/069**  
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- EPA/600/R-97/131**  
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- EPA/454/F-98/005**  
Supplement C to Compilation of Air Pollutant Emission Factors. Volume 1. Stationary Point and Area Sources (Fifth Edition). PB98-152689REB 98-04 PC A06/MF A02
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EPA/453/R-94/066F  
Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Volume 6. Aerosol Products and Packaging Systems. Report to Congress. PB98-105190REB 98-01 PC A08/MF A02
- ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. EMISSIONS, MONITORING, AND ANALYSIS DIV.**  
EPA/454/R-97/013  
National Air Quality and Emissions Trends Report, 1996. PB98-135155REB 98-03 PC A09

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## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. ENVIRONMENTAL CRITERIA AND ASSESSMENT OFFICE.

ECAO-R-0818

Supplement to the Second Addendum (1986) to Air Quality Criteria for Particulate Matter and Sulfur Oxides (1982): Assessment of New Findings on Sulfur Dioxide Acute Exposure Health Effects in Asthmatic Individuals. PB98-132384REB 98-03 PC A07/MF A02

EPA/600/FP-93/002

Supplement to the Second Addendum (1986) to Air Quality Criteria for Particulate Matter and Sulfur Oxides (1982): Assessment of New Findings on Sulfur Dioxide Acute Exposure Health Effects in Asthmatic Individuals. PB98-132384REB 98-03 PC A07/MF A02

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. INFORMATION TRANSFER AND PROGRAM INTEGRATION DIV.

EPA/456/R-97/002

RAC/BACT/LAER Clearinghouse Clean Air Technology Center: A Compilation of Control Technology Determinations. Seventh Supplement to the 1990 Edition. PB98-163124REB 98-04 PC A19/MF A04

EPA/456/R-98/004

RAC/BACT/LAER Clearinghouse Annual Report for 1998: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition. PB98-173495REB 98-04 PC A23/MF A04

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. NATIONAL CENTER FOR ENVIRONMENTAL ASSESSMENT.

EPA/600/R-98/001

Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997. PB98-135189REB 98-03 PC A19/MF A04

NCEA-W-0357

Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997. PB98-135189REB 98-03 PC A19/MF A04

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. NATIONAL EXPOSURE RESEARCH LAB.

EPA/600/A-97/072

Analysis of Method T0-14 Target Analytes Using a Cryofocusing High-Speed Gas Chromatograph Interfaced to a High-Speed Time-of-Flight Mass Spectrometer. PB98-116262REB 98-02 PC A03/MF A01

EPA/600/A-97/074

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EPA/600/A-97/076

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EPA/600/A-97/080

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EPA/600/A-97/097

Estimating the Area of Influence of Ozone Produced by Local Precursor Emissions for a Summer Period with a Range of Photochemical Activity. PB98-116312REB 98-02 PC A03/MF A01

EPA/600/A-97/098

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EPA/600/A-97/099

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EPA/600/A-97/100

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EPA/600/A-97/101

Development of the EIIIP Emission Inventory Data Model for Purposes of Facilitating Data Transfer between the States and U.S. EPA. PB98-116288REB 98-01 PC A03/MF A01

EPA/600/A-97/102

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EPA/600/A-98/039

Rapid Analysis of Toxic Organic Vapors in Ambient Air. PB98-135825REB 98-03 PC A03/MF A01

EPA/600/A-98/048

Duty Cycle Effects on Small Engine Emissions. PB98-135619REB 98-03 PC A03/MF A01

EPA/600/R-97/059

Air Concentrations and Inhalation Exposure to Pesticides in the Agricultural Health Pilot Study. PB97-196109REB 98-01 PC A06/MF A01

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. NATIONAL RISK MANAGEMENT RESEARCH LAB.

Characterization of Metal Benzotriazoles and Related Polymers. PB98-163108REB 98-04 PC A03/MF A01

EPA/600/A-98/100

Increases in Levels of Breathable Fine Particulates Due to the Application of Carpet Fresheners in a Suburban Home. PB98-155112REB 98-04 PC A03/MF A01

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. OFFICE OF AIR QUALITY PLANNING AND STANDARDS.

Mercury Study Report to Congress (Kit).

PB98-124720REB 98-02 PC E99/MF E99

National Emission Standards for Hazardous Air Pollutants (NESHAP) for the Aerospace Manufacturing and Rework Industry: Background Information for Promulgated Standards. Addendum. PB98-158538REB 98-04 PC A05/MF A01

EPA/451/K-98/001

Taking Toxics Out of the Air. Progress in Setting 'Maximum Achievable Control Technology' Standards under the Clean Air Act. PB98-132780REB 98-03 PC A04/MF A01

EPA/451/K-98/002

Air Pollution Operating Permit Program Update. Key Features and Benefits. PB98-132798REB 98-03 PC A03/MF A01

EPA/452/R-97/003

Mercury Study Report to Congress. Volume 1. Executive Summary. PB98-124738REB 98-02 PC A07/MF A02

EPA/452/R-97/004

Mercury Study Report to Congress. Volume 2. An Inventory of Anthropogenic Mercury Emissions in the United States. PB98-124746REB 98-02 PC A10/MF A03

EPA/452/R-97/005

Mercury Study Report to Congress. Volume 3. Fate and Transport of Mercury in the Environment. PB98-124753REB 98-02 PC A18/MF A04

EPA/452/R-97/006

Mercury Study Report to Congress. Volume 4. An Assessment of Exposure to Mercury in the United States. PB98-124761REB 98-02 PC A15/MF A03

EPA/452/R-97/007

Mercury Study Report to Congress. Volume 5. Health Effects of Mercury and Mercury Compounds. PB98-124779REB 98-02 PC A17/MF A03

EPA/452/R-97/008

Mercury Study Report to Congress. Volume 6. An Ecological Assessment for Anthropogenic Mercury Emissions in the United States. PB98-124787REB 98-02 PC A09/MF A02

EPA/452/R-97/009

Mercury Study Report to Congress. Volume 7. Characterization of Human Health and Wildlife Risks from Mercury Exposure in the United States. PB98-124795REB 98-02 PC A09/MF A02

EPA/452/R-97/010

Mercury Study Report to Congress. Volume 8. An Evaluation of Mercury Control Technologies and Costs. PB98-124803REB 98-02 PC A11/MF A03

EPA/453/R-94/066A

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Report to Congress. PB98-105208REB 98-01 PC A10/MF A02

EPA/453/R-94/066B

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Volume 2. Comprehensive Emissions Inventory. Report to Congress. PB98-105224REB 98-01 PC A10/MF A02

EPA/453/R-94/066E

Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Economic Incentives to Reduce VOC Emissions from Consumer and Commercial Products. PB98-109648REB 98-01 PC A10/MF A02

EPA/453/R-94/084B

Ethylene Oxide Emissions from Commercial Sterilization/Fumigation Operations. Background Information for Final Standards: Summary of Public Comments and Responses. PB98-117864REB 98-02 PC A06/MF A01

EPA/453/R-95/012

New Source Performance Standards, Subpart Db: Technical Support for Proposed Revisions to NOx Standard. PB98-147218REB 98-03 PC A13/MF A03

EPA/453/R-96/010B

Basis and Purpose Document for the Development of Final National Emission Standards for Hazardous Air Pollutants for Off-Site Waste and Recovery Operations. PB98-152663REB 98-04 PC A06/MF A01

EPA/453/R-96/011B

Volatile Organic Compound Emissions from Automobile Refinishing: Background Information for Promulgated Standards. PB98-173461REB 98-04 PC A05/MF A01

EPA/453/R-97/004

Guideline Series: Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations. PB98-135445REB 98-03 PC A05/MF A01

EPA/453/R-97/007B

Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Analysis of Economic Impacts for Existing Sources. PB98-110133REB 98-01 PC A05/MF A01

EPA/453/R-97/008B

Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Analysis of Economic Impacts for New Sources. PB98-110125REB 98-01 PC A05/MF A01

EPA/453/R-97/009B

Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Regulatory Impact Analysis for New and Existing Facilities. PB98-110141REB 98-01 PC A06/MF A01

EPA/453/R-97/013

Economic Impact Analysis for the Proposed Polyether Polyols NESHAP. PB98-110521REB 98-01 PC A04/MF A01

EPA/453/R-98/001

Basis and Purpose Document on Specifications for Hydrogen-Fueled Flares. PB98-135031REB 98-03 PC A05/MF A01

EPA/453/R-98/004A

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 1. PB98-131774REB 98-02 PC A23/MF A04

EPA/453/R-98/004B

Study of Hazardous Air Pollutant Emissions from Electric Utility Steam Generating Units. Final Report to Congress. Volume 2. Appendices. PB98-131782REB 98-02 PC A14/MF A03

EPA/454/R-96/006

Photochemical Assessment Monitoring Stations: 1996 Data Analysis Results Report. PB98-135163REB 98-03 PC A10/MF A02

EPA/454/R-97/003

Locating and Estimating Air Emissions from Sources of Dioxins and Furans. PB98-116650REB 98-02 PC A16/MF A03

EPA/454/R-97/010

National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997. PB98-109150REB 98-01 PC A20/MF A04

EPA/454/R-97/012

Locating and Estimating Air Emissions from Sources of Mercury and Mercury Compounds. PB98-117054REB 98-01 PC A11/MF A03

EPA/454/R-98/001

Guideline for Selecting and Modifying the Ozone Monitoring Season Based on an 8-Hour Ozone Standard. PB98-157613REB 98-04 PC A05/MF A01

EPA/454/R-98/002

Guideline on Ozone Monitoring Site Selection. PB98-173453REB 98-04 PC A06/MF A02

EPA/454/R-98/003

SLAMS/NAAMS/FAMS Network Review Guidance. Revised Final Report. PB98-147226REB 98-03 PC A06/MF A01

EPA/454/R-98/008

National Air Pollutant Emission Trends Procedures Document, 1900-1996; Projections 1999-2010. PB98-159908REB 98-04 PC A99/MF A06

EPA/454/R-98/011

Locating and Estimating Air Emissions from Sources of Benzene. PB98-159916REB 98-04 PC A99/MF A06

EPA/456/B-95/002

Glossary of Terms from Federal Air Programs. PB98-152655REB 98-04 PC A05/MF A01

EPA/456/F-98/004

Zeolite: A Versatile Air Pollutant Adsorber. PB98-159924REB 98-04 PC A03/MF A01

EPA/456/R-96/005

National Emission Standards for Halogenated Solvent Cleaning: Summary of Requirements for Implementing the NESHAP. PB98-108863REB 98-01 PC A07/MF A02

EPA/456/R-97/003

MACT Implementation Strategy. PB98-131600REB 98-02 PC A14/MF A03

EPA/600/A-98/052

Future of the National Performance Audit Program (NPAP). PB98-147051REB 98-03 PC A03/MF A01

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. OFFICE OF RESEARCH AND DEVELOPMENT.

Remediation Using Plants and Plant Enzymes: A Progress Report. ADA350530REB 98-04 PC A01/MF A01

Wind Rose Plotting Program (WRPLOT) (on Diskette). PB98-500606REB 98-02 CP D01



# CORPORATE AUTHOR INDEX

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC.

## ENVIRONMENTAL PROTECTION AGENCY, RESEARCH TRIANGLE PARK, NC. UTILITIES AND INDUSTRIAL POWER DIV.

EPA/625/2-77/013  
EPA Technology Transfer Capsule Report: Fabric Filter Particulate Control on Coal-Fired Utility Boilers: Nucla, Co. and Sunbury, Pa.  
PB98-102288REB 98-01 PC A03/MF A01

## ENVIRONMENTAL PROTECTION AGENCY, RESTON, VA. NATIONAL EXPOSURE RESEARCH LAB.

EPA/600/A-98/051  
Real-Time Monitoring of Particles, PAH, and CO in an Occupied Townhouse.  
PB98-135627REB 98-03 PC A03/MF A01

## ENVIRONMENTAL PROTECTION AGENCY, SEATTLE, WA. REGION X.

EPA/910/R-97/007  
Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03

EPA/910/R-98/003  
Alaska Placer Mining Metals Study.  
PB98-145998REB 98-03 PC A13/MF A03

## ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC.

CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03

Food Quality Protection Act of 1996: Status of Implementation at the End of Fiscal Year 1997.  
PB98-118482REB 98-02 PC A03/MF A01

Some Remarks on Research Directions in Statistical Data Protection.  
PB98-141286REB 98-03 PC A03/MF A01

Clean Water Action Plan: Restoring and Protecting America's Waters.  
PB98-158553REB 98-04 PC A07/MF A02

Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.05 (on Diskette). (Reannouncement with New Order Number).  
PB98-500333REB 98-01 CP D02

Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.07 (on Diskette).  
PB98-501943REB 98-02 CP D02

FRP Model (Version 1.0) for Estimating Styrene Emissions from Fiber-Reinforced Plastics Fabrication Processes (on Diskette).  
PB98-502297REB 98-03 CP D01

Health Effects Assessment Summary Tables.  
PB98-921100REB 98-02 Standing Order

ENV-5-F  
Final Environmental Impact Statement for National Aeronautics and Space Administration Office of Space Science.  
AD-A338 963/2REB 98-03 PC A07/MF A02

EPA-RW57935105-01-1  
Chlorobenzene Bioreactor Demonstration.  
(AL/EQ-1993-0008)  
AD-A332 757/4REB 98-02 PC A05/MF A01

EPA/816/R-98/006  
Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996.  
PB98-169808REB 98-04 PC A05/MF A01

EPA/832/R-98/001  
Outreach and Technical Assistance Programs. 1997 Accomplishments; Small Underserved Communities Team.  
PB98-169790REB 98-04 PC A03/MF A01

NCEA-W-0394  
Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM).  
PB98-502289REB 98-03 CD-ROM CP D02

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. BIOPESTICIDES AND POLLUTION PREVENTION DIV.

EPA/730/F-98/008  
Pesticide Fact Sheet: Canola Oil.  
PB98-137367REB 98-03 PC A02/MF A01

EPA/730/F-98/011  
Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
PB98-166556REB 98-04 PC A03/MF A01

EPA/730/F-98/012  
Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pZO1502) in Corn.  
PB98-166549REB 98-04 PC A04/MF A01

EPA/730/F-98/013  
Pesticide Fact Sheet: 'Bacillus thuringiensis' Subspecies 'kurstaki' Strain M-200.  
PB98-166507REB 98-04 PC A03/MF A01

EPA/730/F-98/014  
Pesticide Fact Sheet: 'Bacillus thuringiensis' CryIA(b) delta-Endotoxin and the Genetic Material Necessary for Its Production (Plasmid Vector pCIB4431) in Corn.  
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EPA/730/F-98/015  
Pesticide Fact Sheet: 'Bacillus thuringiensis' Subspecies 'kurstaki' CryIA(c) delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn.  
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EPA/730/F-98/016  
Pesticide Fact Sheet: 'Bacillus thuringiensis' subsp. 'tobacensis' Cry9C Protein and the Genetic Material Necessary for Its Production in Corn.  
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EPA/730/F-98/017  
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PB98-166481REB 98-04 PC A02/MF A01

EPA/730/F-98/018  
EPA Pesticide Fact Sheet: German Cockroach Pheromone, August 1998.  
PB98-166499REB 98-04 PC A02/MF A01

EPA/730/F-98/019  
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EPA/730/F-98/020  
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PB98-165178REB 98-04 PC A02/MF A01

EPA/730/F-98/021  
Pesticide Fact Sheet: 1-Octen-3-ol, August 1988.  
PB98-165186REB 98-04 PC A02/MF A01

EPA/730/F-98/023  
Pesticide Fact Sheet: Killed Fermentation Solids and Solubles of 'Myrothecium verrucaria'.  
PB98-165202REB 98-04 PC A02/MF A01

EPA/730/F-98/024  
EPA Pesticide Fact Sheet: Hexanoic Acid.  
PB98-166440REB 98-04 PC A02/MF A01

EPA/730/F-98/025  
EPA Pesticide Fact Sheet: Pelargonic Acid.  
PB98-166457REB 98-04 PC A03/MF A01

EPA/730/F-98/004  
Pesticide Fact Sheet: Fish Oil.  
PB98-133135REB 98-03 PC A03/MF A01

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. CHEMICAL EMERGENCY PREPAREDNESS AND PREVENTION OFFICE.

Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette).  
PB98-500473REB 98-02 CP D01

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. CHEMICAL INDUSTRY BRANCH.

EPA/305/R-98/002  
Chemical Industry National Environmental Baseline Report, 1990-1994.  
PB98-110406REB 98-02 PC A09/MF A02

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. ECOLOGICAL PROCESSES AND EFFECTS COMMITTEE.

EPA-SAB-EPEC-98-003  
SAB Report: Ecological Impacts and Evaluation Criteria for the Use of Structures in Marsh Management.  
PB98-133721REB 98-02 PC A05/MF A01

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. ENGINEERING AND ANALYSIS DIV.

EPA/821/B-97/005  
Economic and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-154040REB 98-04 PC A06/MF A02

EPA/821/B-97/006  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-152887REB 98-04 PC A05/MF A01

EPA/821/B-97/010  
Economic Analysis and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
PB98-152879REB 98-04 PC A07/MF A02

EPA/821/R-97/022  
Development Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-153166REB 98-04 PC A22/MF A04

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. INTEGRATED HUMAN EXPOSURE COMMITTEE.

EPA-SAB-IHEC-98-004  
SAB Report: Review of the Source Ranking Database.  
PB98-133713REB 98-02 PC A04/MF A01

ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. NATIONAL CENTER FOR ENVIRONMENTAL ASSESSMENT.

EPA/600/R-90/057C  
Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06

EPA/600/P-98/001A  
Health Risk Assessment of 1,3-Butadiene.  
PB98-133010REB 98-02 PC A15/MF A03

EPA/600/P-98/002AA  
Inventory of Sources of Dioxin in the United States. Review Draft.  
PB98-137037REB 98-03 PC A21/MF A04

EPA/600/R-95/099  
Chloroethane Carcinogenicity (CAS No. 75-00-3).  
PB98-143274REB 98-03 PC A04/MF A01

EPA/600/R-95/100  
Nitrobenzene Carcinogenicity (CAS No. 98-95-3).  
PB98-143282REB 98-03 PC A04/MF A01

EPA/600/R-97/136  
Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03

EPA/630/R-95/001F  
Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01

EPA/630/R-95/002F  
Guidelines for Ecological Risk Assessment: Notice.  
PB98-117849REB 98-03 PC A14/MF A03

EPA/635/R-98/001  
Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01

EPA/635/R-98/002  
Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01

EPA/635/R-98/003  
Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01

EPA/635/R-98/004  
Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A06/MF A01

EPA/635/R-98/005  
Toxicological Review of Bentazon (CAS No. 25057-89-0).  
PB98-151764REB 98-04 PC A04/MF A01

EPA/635/R-98/006  
Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
PB98-151798REB 98-04 PC A05/MF A01

EPA/635/R-98/008  
Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02

NCEA-F-0134  
Guidelines for Ecological Risk Assessment: Notice.  
PB98-117849REB 98-03 PC A14/MF A03

NCEA-F-0248  
Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01

NCEA-S-0032  
Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01

NCEA-S-0170  
Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01

NCEA-S-0327  
Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01

NCEA-S-0413  
Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A06/MF A01

NCEA-S-0414  
Toxicological Review of Bentazon (CAS No. 25057-89-0).  
PB98-151764REB 98-04 PC A04/MF A01

NCEA-S-0418  
Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
PB98-151798REB 98-04 PC A05/MF A01

NCEA-S-0420  
Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02

NCEA-W-0018  
Chloroethane Carcinogenicity (CAS No. 75-00-3).  
PB98-143274REB 98-03 PC A04/MF A01

NCEA-W-0019  
Nitrobenzene Carcinogenicity (CAS No. 98-95-3).  
PB98-143282REB 98-03 PC A04/MF A01

NCEA-W-0114  
Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06

NCEA-W-0267  
Health Risk Assessment of 1,3-Butadiene.  
PB98-133010REB 98-02 PC A15/MF A03

# CORPORATE AUTHOR INDEX

- NCEA-W-0391  
Inventory of Sources of Dioxin in the United States. Review Draft.  
PB98-137037REB 98-03 PC A21/MF A04
- ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF ADMINISTRATION.  
EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin.  
SUB-9042REB 98-02 Subscription
- ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF AIR AND RADIATION.  
Acid Rain Hourly Emissions Data (Raw Data Only) (on CD-ROM).  
SUB-5431REB 98-03 Subscription
- EPA/430/B-97/040  
Putting Energy into Profits. ENERGY STAR (Trade Name) Small Business Guide.  
PB98-143308REB 98-03 PC A07/MF A02
- EPA/430/R-97/025  
Compliance Report, 1996: Acid Rain Program. Plants Affected by Phase 1 of the Acid Rain Program in 1996.  
PB98-142151REB 98-03 PC A06/MF A01
- EPA/452/R-97/002  
Nitrogen Oxides: Impacts on Public Health and the Environment.  
PB98-104631REB 98-01 PC A09/MF A02
- EPA/456/F-97/004  
Final Revisions to the Ozone and Particulate Matter Air Quality Standards.  
PB98-147283REB 98-03 PC A02/MF A01
- ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF EMERGENCY AND REMEDIAL RESPONSE.  
Superfund Public Information System (SPIS) (on CD-ROM).  
PB98-500341REB 98-02 CD-ROM \$60.00  
Emergency Response Notification System (ERNS), 1996 (on CD-ROM).  
PB98-500663REB 98-02 CD-ROM \$265.00  
Emergency Response Notification System (ERNS), 1997 (on CD-ROM).  
PB98-500671REB 98-02 CD-ROM \$265.00  
Superfund Public Information System (SPIS) June 1998 (on CD-ROM).  
PB98-502354REB 98-04 CD-ROM \$60.00  
ROD Amendments and Explanations of Significant Differences (ESD).  
PB98-963100REB 98-02 Standing Order  
EPA Superfund Program Policies and Administration.  
PB98-963200REB 98-02 Standing Order  
EPA Superfund Site Assessment and Remediation.  
PB98-963300REB 98-02 Standing Order  
EPA Superfund Removals and Emergency Response.  
PB98-963400REB 98-02 Standing Order  
EPA Superfund Technology and Analytical Services.  
PB98-963500REB 98-02 Standing Order  
EPA Superfund Enforcement.  
PB98-963600REB 98-02 Standing Order  
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PB98-963700REB 98-02 Standing Order  
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PB98-963800REB 98-02 Standing Order  
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PB98-963900REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 5: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.  
PB98-964100REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 6: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.  
PB98-964200REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 7: Iowa, Kansas, Missouri, and Nebraska.  
PB98-964300REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 8: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming.  
PB98-964400REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 9: Arizona, California, Hawaii, Nevada, American Samoa, and Guam.  
PB98-964500REB 98-02 Standing Order  
EPA Superfund Records of Decision (RODS) for Region 10: Alaska, Idaho, Oregon, and Washington.  
PB98-964600REB 98-02 Standing Order  
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) Site Location Extract, Quarterly (on CD-ROM).  
SUB-5131REB 98-02 Subscription  
Emergency Response Notification System (ERNS) Annual Cumulative (on CD-ROM).  
SUB-5335REB 98-02 Subscription
- EPA/ESD/R02-96/290  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Love Canal, Niagara Falls, NY., September 5, 1996.  
PB98-963131REB 98-01 PC A03/MF A01
- EPA/ROD/R-97/190  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Fort Ord, Operable Unit 2, Marina, CA., January 17, 1997.  
PB97-963160REB 98-03 PC A02/MF A01
- EPA 500-98-142  
Brownfields Economic Redevelopment Initiative: Proposal Guidelines for Brownfields Job Training and Development Demonstration Pilots.  
PB98-963260REB 98-04 PC A03/MF A01
- EPA/540/F-94/028  
Using Qualified Data to Document an Observed Release and Observed Contamination.  
PB94-963311REB 98-02 PC A03/MF A01
- EPA/540/F-96/025  
Pre-CERCLIS Screening Guidance.  
PB98-963251REB 98-02 PC A01/MF A01
- EPA/540/F-97/032  
Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites.  
PB97-963308REB 98-02 PC A02/MF A01
- EPA/540/F-97/033  
Approach for Addressing Dioxin in Soils at CERCLA and RCRA Sites.  
PB97-963309REB 98-03 PC A02/MF A01
- EPA/540/F-97/035  
FY 1998 Superfund Reforms Strategy.  
PB97-963255REB 98-01 PC A03/MF A01
- EPA/540/F-97/036  
Frequently Asked Questions: RAGS Part D.  
PB97-963311REB 98-02 PC A01/MF A01
- EPA/540/F-97/037  
Draft Interim Final OSWER Monitored Natural Attenuation Policy.  
PB97-963312REB 98-01 PC A04/MF A01
- EPA/540/F-98/002  
Second Supplemental Five-Year Review Guidance.  
PB98-963204REB 98-01 PC A02/MF A01
- EPA/540/F-98/015  
Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim).  
PB98-963302REB 98-02 PC A02/MF A01
- EPA/540/F-98/017  
EPA Counter-Terrorism (CT) Strategy, Work Plan, and Executive Summary.  
PB98-963224REB 98-02 PC A04/MF A01
- EPA/540/F-98/018  
Draft Guidance on CT Equipment Purchase.  
PB98-963226REB 98-03 PC A02/MF A01
- EPA/540/F-98/027  
Final Guidance on Improving Communication to Achieve Collaborative Decision-Making at Department of Energy Sites.  
PB98-963239REB 98-03 PC A02/MF A01
- EPA/540/F-98/030  
Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities.  
PB98-963244REB 98-04 PC A03/MF A01
- EPA/540/F-98/042  
Office of Solid Waste and Emergency Response Procedures for Contract Laboratory Program Investigations.  
PB98-963259REB 98-04 PC A02/MF A01
- EPA/540/R-98/039  
Superfund Removal Procedures. Response Management: Removal Action Start-Up to Close-Out.  
PB98-963407REB 98-01 PC A05/MF A01
- EPA/540/R-97/010  
Superfund/Oil Program Implementation Manual Fiscal Year 1998.  
PB97-963219REB 98-01 PC A18/MF A04
- EPA/540/R-97/028  
Superfund Method for the Determination of Releaseable Asbestos in Soils and Bulk Materials.  
PB97-963503REB 98-01 PC A08/MF A02
- EPA/540/R-97/032  
National Remedy Review Board. Progress Report: Fiscal Year 1997.  
PB97-963250REB 98-02 PC A08/MF A02
- EPA/540/R-97/033  
Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03
- EPA/540/R-97/034  
Disaster and Emergency Response. Mission Assignment Guidance.  
PB97-963408REB 98-01 PC A06/MF A01
- EPA/540/R-97/039  
Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04
- EPA/540/R-97/046  
Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions.  
PB97-963313REB 98-03 PC A05/MF A01
- EPA/540/R-97/047  
Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance.  
PB97-963314REB 98-03 PC A06/MF A01
- EPA/540/R-98/001  
Superfund/Oil Program Implementation Manual Fiscal Year 99/00.  
PB98-963201REB 98-04 PC A18/MF A03
- EPA/540/R-98/003  
Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska.  
PB98-963205REB 98-02 PC A25/MF A04
- EPA/540/R-98/009  
Superfund Reforms Annual Report FY 1997.  
PB98-963218REB 98-02 PC A06/MF A01
- EPA/540/R-98/012  
Plan to Enhance the Role of States and Tribes in the Superfund Program.  
PB98-963221REB 98-04 PC A09/MF A02
- EPA/540/R-98/013  
Risk Assessment Guidance for Superfund Part D (Kit).  
PB98-963303REB 98-02 PC E99/MF E99
- EPA/540/R-98/014  
Estimated O & M Costs for RODS: Historical Trends and Projected Costs through FY 2040.  
PB98-963222REB 98-02 PC A10/MF A02
- EPA/540/R-98/019  
Environmental Response Training Program Schedule of Courses, September 1, 1998 - September 30, 1999.  
PB98-963227REB 98-03 PC A06/MF A01
- EPA/540/R-98/020  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Applicable or Relevant and Appropriate Requirements (Updated February 1998).  
PB98-963226REB 98-03 PC A03/MF A01
- EPA/540/R-98/021  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998).  
PB98-963229REB 98-03 PC A03/MF A01
- EPA/540/R-98/022  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304).  
PB98-963230REB 98-03 PC A03/MF A01
- EPA/540/R-98/023  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Oil Pollution Prevention Regulation and the Oil Pollution Act of 1990 (Updated February 1998).  
PB98-963231REB 98-03 PC A03/MF A01
- EPA/540/R-98/024  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Statutory Overview of CERCLA (Updated February 1998).  
PB98-963232REB 98-03 PC A03/MF A01
- EPA/540/R-98/025  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998).  
PB98-963233REB 98-03 PC A03/MF A01
- EPA/540/R-98/026  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Update February 1998).  
PB98-963234REB 98-03 PC A03/MF A01
- EPA/540/R-98/027  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998).  
PB98-963235REB 98-03 PC A03/MF A01
- EPA/540/R-98/028  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Liability, Enforcement, and Settlements (Updated February 1998).  
PB98-963236REB 98-03 PC A04/MF A01
- EPA/540/R-98/029  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998).  
PB98-963237REB 98-03 PC A04/MF A01
- EPA 540-R-98-036  
Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual.  
PB98-963251REB 98-04 PC A99/MF A06
- EPA 540-R-98-038  
Quality Assurance Guidance for Conducting Brownfields Site Assessments.  
PB98-963307REB 98-04 PC A06/MF A01
- EPA/541/F-98/019  
Concurrence Policy for Mercury Removals.  
PB98-963401REB 98-04 PC A01/MF A01
- EPA/541/R-97/001  
Superfund Record of Decision (EPA Region 1): Cheshire Groundwater Contamination, Cheshire, CT., December 31, 1996.  
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- EPA/541/R-97/002  
Superfund Record of Decision (EPA Region 1): Loring Air Force Base, Operable Unit 13, Limestone, ME., June 16, 1997.  
PB97-963702REB 98-04 PC A11/MF A03

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ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC.

EPA/541/R-97/003  
Superfund Explanation of Significant Difference for the Record of Decision: Auburn Road Landfill, Londonderry, NH., December 19, 1996.  
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EPA/541/R-97/004  
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EPA/541/R-97/006  
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PB97-964007REB 98-03 PC A03/MF A01

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- EPA/541/R-97/064  
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- EPA/541/R-97/069  
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PB97-963125REB 98-03 PC A09/MF A02
- EPA/541/R-97/070  
Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Fields Brook (Sediment Operable Unit), Ashtabula, OH., August 15, 1997.  
PB97-963126REB 98-03 PC A04/MF A01
- EPA/541/R-97/071  
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- EPA/541/R-97/077  
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Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 20 (Site 28 Soil and Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963806REB 98-03 PC A05/MF A01
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- EPA/541/R-97/081  
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- EPA/541/R-97/082  
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- EPA/541/R-97/084  
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- EPA/541/R-97/085  
Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 2, Coits Neck, NJ., September 25, 1997.  
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- EPA/541/R-97/089  
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PB97-963908REB 98-03 PC A05/MF A01
- EPA/541/R-97/092  
Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Michaelsville Landfill), Aberdeen Proving Ground, MD., September 23, 1997.  
PB97-963909REB 98-03 PC A04/MF A01
- EPA/541/R-97/093  
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PB97-963910REB 98-03 PC A05/MF A01
- EPA/541/R-97/094  
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PB97-963130REB 98-03 PC A02/MF A01
- EPA/541/R-97/095  
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- EPA/541/R-97/096  
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- EPA/541/R-97/099  
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PB97-964108REB 98-03 PC A05/MF A01
- EPA/541/R-97/100  
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- EPA/541/R-97/102  
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PB97-963703REB 98-03 PC A10/MF A02
- EPA/541/R-97/103  
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PB97-963812REB 98-03 PC A07/MF A02
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PB97-963816REB 98-03 PC A06/MF A01
- EPA/541/R-97/109  
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PB97-963817REB 98-03 PC A07/MF A02
- EPA/541/R-97/110  
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PB98-158694REB 98-04 PC A08/MF A02

### ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. OFFICE OF POLLUTION, PREVENTION, AND TOXICS.

Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape).  
PB98-500556REB 98-02 Mag Tape \$395.00

Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-500564REB 98-02 Diskette \$140.00

Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM).  
SUB-5423REB 98-04 Subscription

**EPA/744/C-98/001**  
Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM).  
PB98-502404REB 98-04 Mag Tape \$454.00

**EPA/744/C-98/002**  
Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-502412REB 98-04 Diskette \$161.00

**EPA/744/C-98/003**  
Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-502388REB 98-04 CP D01

**ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES.**

Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series.  
PB98-118102REB 98-02 PC A20/MF A04

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM).  
PB98-500010REB 98-01 CD-ROM \$140.00

**EPA/550/B-96/015**  
Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990.  
PB98-169188REB 98-04 PC A06/MF A01

**EPA/712/C-98/189**  
Health Effects Test Guidelines. OPPTS Series 870.1000 Acute Toxicity Testing: Background.  
PB98-101967REB 98-04 PC A99/MF A06

**EPA/712/C-98/319**  
Spray Drift Test Guidelines. OPPTS 840.1000 Background for Pesticide Aerial Drift Evaluation.  
PB98-101975REB 98-04 PC A03/MF A01

**EPA/730/F-98/002**  
Pesticide Fact Sheet: Gamma aminobutyric Acid (GABA) and Glutamic Acid.  
PB98-126543REB 98-02 PC A02/MF A01

**EPA/730/F-98/006**  
Pesticide Fact Sheet: Cyprodinil.  
PB98-137235REB 98-03 PC A03/MF A01

**EPA/730/K-95/001**  
Citizens's Guide to Pest Control and Pesticide Safety.  
PB98-118474REB 98-02 PC A05/MF A01

**EPA/735/R-96/001**  
Office of Pesticide Programs Annual Report for 1996.  
PB98-102338REB 98-01 PC A05/MF A01

**EPA/735/R-98/001**  
Pesticides and National Strategies for Health Care Providers. Workshop Proceedings. Held on April 23-24, 1998.  
PB98-164668REB 98-04 PC A05/MF A01

**EPA/738/F-97/005**  
RED Facts: Methylene bis(thiocyanate).  
PB98-102924REB 98-01 PC A03/MF A01

**EPA/738/F-97/006**  
RED Facts: Metribuzin.  
PB98-125644REB 98-02 PC A02/MF A01

**EPA/738/F-97/009**  
RED Facts: Propoxur.  
PB98-125651REB 98-02 PC A02/MF A01

**EPA/738/F-97/010**  
RED Facts: Diphenylamine.  
PB98-153042REB 98-04 PC A02/MF A01

**EPA/738/F-97/011**  
RED Facts: Terbacil.  
PB98-153000REB 98-04 PC A02/MF A01

**EPA/738/F-97/013**  
RED Facts: Thiobencarb.  
PB98-153018REB 98-04 PC A03/MF A01

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EPA/738/F-97/016  
RED Facts: Parantrophendol.  
PB98-125669REB 98-02 PC A02/MF A01

EPA/738/F-98/001  
RED Facts: 'Bacillus thuringiensis'.  
PB98-153117REB 98-04 PC A02/MF A01

EPA/738/F-98/009  
Red Facts: Butralin.  
PB98-153091REB 98-04 PC A02/MF A01

EPA/738/K-98/003  
Pesticide Reregistration Progress Report for 1997.  
PB98-164502REB 98-04 PC A05/MF A01

EPA/738/R-97/005  
Reregistration Eligibility Decision (RED): Methylene bis (thiocyanate). (Includes RED FACTS: Methylene bis (thiocyanate) Fact Sheet).  
PB98-103211REB 98-01 PC A16/MF A03

EPA/738/R-97/006  
Reregistration Eligibility Decision (RED): Metribuzin. (Includes RED Facts: Metribuzin Fact Sheet).  
PB98-153034REB 98-04 PC A13/MF A03

EPA/738/R-97/009  
Reregistration Eligibility Decision (RED): Propoxur. (Includes RED Facts: Propoxur Fact Sheet).  
PB98-125685REB 98-02 PC A09/MF A02

EPA/738/R-97/010  
Reregistration Eligibility Decision (RED): Diphenylamine. (Includes RED Facts: Diphenylamine Fact Sheet).  
PB98-153083REB 98-04 PC A08/MF A02

EPA/738/R-97/011  
Reregistration Eligibility Decision (RED): Terbacil. (Includes RED Facts: Terbacil Fact Sheet).  
PB98-152903REB 98-04 PC A11/MF A03

EPA/738/R-97/013  
Reregistration Eligibility Decision (RED): Thiobencarb. (Includes RED Facts: Thiobencarb Fact Sheet).  
PB98-152895REB 98-04 PC A12/MF A03

EPA/738/R-97/016  
Reregistration Eligibility Decision (RED): Parantrophendol. (Includes RED Facts: Parantrophendol Fact Sheet).  
PB98-153167REB 98-02 PC A05/MF A01

EPA/738/R-98/004  
Reregistration Eligibility Decision (RED): 'Bacillus thuringiensis'. (Includes RED Facts: 'Bacillus thuringiensis').  
PB98-153125REB 98-04 PC A10/MF A02

EPA/738/R-98/009  
Reregistration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).  
PB98-153109REB 98-04 PC A09/MF A02

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF RADIATION AND INDOOR  
AIR.**

EPA/402/R-97/006  
Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Groundwater from 1992-1997.  
PB98-123300REB 98-02 PC A06/MF A01

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF RESEARCH AND  
TECHNOLOGY.**

Human Health Risk Assessment Research Strategy. External Review Draft.  
AD-A346 913/7REB 98-04 PC A06/MF A01

Show Me the Technology: Institutional Barriers to Environmental Technology Transfer.  
N19970027271REB 98-01  
(Order as N19970027257REB, PC A12/MF A03)

Global Emissions Database (GloED) Version 1.0 (on Diskette).  
PB98-500580REB 98-04 CP D02

Spreadsheet Model for Preparing Automotive Exhaust Surrogates (SMPAES) (on Diskette).  
PB98-502552REB 98-04 CP D01

EPA/100/B-98/001  
Science Policy Council Handbook: Peer Review.  
PB98-140726REB 98-03 PC A08/MF A02

EPA/600/R-97/122  
Research Plan for Microbial Pathogens and Disinfection By-Products in Drinking Water.  
PB98-140775REB 98-03 PC A06/MF A01

EPA/625/R-98/007  
Seminar Publication: National Conference on Sanitary Sewer Overflows (SSOs). Held in Washington, DC. on April 24-26, 1995.  
PB98-151343REB 98-04 PC A99/MF A06

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF SCIENCE AND  
TECHNOLOGY.**

Integrated Risk Information System (IRIS) (on Diskette).  
PB98-591330REB 98-02 Standing Order

EPA/820/B-97/001  
Catalog of Publications: Office of Science and Technology, 1997 Edition.  
PB98-102682REB 98-01 PC A08/MF A02

EPA/823/R-97/006  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey.  
PB98-126063REB 98-02 PC A15/MF A03

EPA/823/R-97/007  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern.  
PB98-126691REB 98-02 PC A99/MF A06

EPA/823/R-97/008  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 3. National Sediment Contaminant Point Source Inventory.  
PB98-126683REB 98-02 PC A09/MF A02

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF SITE REMEDIATION  
ENFORCEMENT.**

Addendum to the 'Interim CERCLA Settlement Policy' Issued on December 5, 1984.  
PB98-103138REB 98-01 PC A02/MF A01

Guidance on EPA Participation in Bankruptcy Cases.  
PB98-103146REB 98-01 PC A03/MF A01

Final Guidance on the Issuance of Administrative Orders under Section 311 (c) and (e) of the Clean Water Act.  
PB98-103153REB 98-01 PC A04/MF A01

Transmittal of Guidance on the Use of Section 7003 of RCRA.  
PB98-108616REB 98-01 PC A04/MF A01

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF SOLID WASTE.**

SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).  
PB97-501928REB 98-01 CD-ROM \$125.00

Biennial Reporting System (BRS) Data: Generation and Management of Hazardous Waste, 1995 (Final) (on CD-ROM).  
PB98-500077REB 98-01 CD-ROM \$480.00

Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM).  
PB98-592570REB 98-02 Standing Order

EPA/530/R-97/032  
Background Document for Capacity Analysis for Land Disposal Restrictions. Phase 4 (Second Supplement): Toxicity Characteristic Metal Wastes and Newly Identified Mineral Processing Wastes (Proposed Rule).  
PB97-176978REB 98-01 PC A15/MF A03

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF SOLID WASTE AND  
EMERGENCY RESPONSE.**

Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition.  
PB98-111750REB 98-02 PC \$49.00

RCRA Permit Policy Compendium, September 1993 Update (on Diskette).  
PB98-502511REB 98-04 Diskette \$116.00

EPA/510/B-95/007  
How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites. A Guide for Corrective Action Plan Reviewers.  
PB98-113525REB 98-01 PC A20/MF A04

EPA/530/R-95/006  
RCRA Implementation Plan (RIP): Fiscal Years 1996-97.  
PB98-150121REB 98-04 PC A06/MF A01

EPA/530/R-97/026  
Best Demonstrated Available Technology (BDAT) Background Document for Wood Preserving Wastes: F032, F034, and F035; Final.  
PB97-176911REB 98-01 PC A22/MF A04

OSWER-9938.12  
Toxicity Characteristic Rule Enforcement Training Manual.  
PB98-142060REB 98-03 PC A11/MF A03

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF THE CHIEF FINANCIAL  
OFFICER.**

EPA/190/R-97/002  
EPA Strategic Plan: The Mission of the Environmental Protection Agency is to Protect Human Health and to Safeguard the Natural Environment: Air, Water, and Land, upon Which Life Depends.  
PB98-130487REB 98-03 PC A07/MF A02

ISBN-0-16-049283-1  
EPA Strategic Plan: The Mission of the Environmental Protection Agency is to Protect Human Health and to Safeguard the Natural Environment: Air, Water, and Land, upon Which Life Depends.  
PB98-130487REB 98-03 PC A07/MF A02

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF UNDERGROUND  
STORAGE TANKS.**

EPA/510/B-97/003  
State Third-Party Service Provider Programs: Augmenting State Underground Storage Tank Programs.  
PB98-147341REB 98-03 PC A12/MF A03

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF WASTE PROGRAMS  
ENFORCEMENT.**

Site Enforcement Tracking System (SETS) (National) (on Diskette).  
PB98-502453REB 98-04 CP D02

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF WASTEWATER  
ENFORCEMENT AND COMPLIANCE.**

Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers).  
SUB-5252REB 98-02 Subscription

**ENVIRONMENTAL PROTECTION AGENCY,  
WASHINGTON, DC. OFFICE OF WATER.**

Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices. Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List.  
PB98-144694REB 98-03 PC A04/MF A01

Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities.  
PB98-144702REB 98-03 PC A09/MF A02

EPA/625/R-97/008  
Proceedings of the National Watershed Water Quality Project Symposium. Held in Washington DC. on September 22-26, 1997.  
PB98-136955REB 98-03 PC A13/MF A03

EPA/810/F-97/002  
Safe Drinking Water Act, One Year Later. Success in Advancing Public Health Protection.  
PB98-104029REB 98-01 PC A03/MF A01

EPA/815/B-97/003  
Information Pertaining to Lead in Drinking Water at Transient Non-Community Water Systems.  
PB98-144769REB 98-03 PC A05/MF A01

EPA/815/B-97/004  
Effect of Temperature on Corrosion Control.  
PB98-144777REB 98-03 PC A06/MF A01

EPA/815/R-97/002  
Small System Compliance Technology List for the Surface Water Treatment Rule.  
PB98-104045REB 98-01 PC A04/MF A01

EPA/815/R-98/004  
Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary.  
PB98-169758REB 98-04 PC A06/MF A01

EPA/815/R-98/005  
U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
PB98-168766REB 98-04 PC A04/MF A01

EPA/815/R-98/009  
Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-168774REB 98-04 PC A03/MF A01

EPA/815/Z-98/004  
Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules.  
PB98-144736REB 98-03 PC A03/MF A01

EPA/816/D-97/003  
Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-133333REB 98-02 PC A03/MF A01

EPA/816/R-97/008  
State Methods for Delineating Source Water Protection Areas for Surface Water Supplied Sources of Drinking Water.  
PB98-104037REB 98-01 PC A04/MF A01

EPA/816/R-97/012  
Delineation of Source Water Protection Areas, a Discussion for Managers. Part 1. A Conjunctive Approach for Ground Water and Surface Water.  
PB98-133267REB 98-02 PC A04/MF A01

EPA/816/R-98/001  
Information for States on Recommended Operator Certification Requirements.  
PB98-133317REB 98-02 PC A16/MF A03

EPA/816/R-98/002  
Information for States on Developing Affordability Criteria for Drinking Water.  
PB98-133325REB 98-02 PC A05/MF A01

EPA/816/R-98/003  
National Public Water System Supervision Program: FY96 Compliance Report.  
PB98-147358REB 98-03 PC A05/MF A01

EPA/816/R-98/010  
Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity.  
PB98-169733REB 98-04 PC A03/MF A01

EPA/816/Z-98/004  
Federal Register Volume 63, Number 89, Friday, May 8, 1998, Notices. Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment.  
PB98-144728REB 98-03 PC A02/MF A01

EPA/820/B-96/001  
Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water.  
PB98-153067REB 98-04 PC A07/MF A02

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## HIGH VOLTAGE ENVIRONMENTAL APPLICATIONS, INC.

- EPA/821/B-97/011  
Development Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category.  
PB98-153182REB 98-04 PC A12/MF A03
- EPA/821/B-98/011  
Development Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161201REB 98-04 PC A21/MF A04
- EPA/821/B-98/017  
Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative.  
PB98-163033REB 98-04 PC A15/MF A03
- EPA/821/R-97/009  
Water Quality Benefits Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115132REB 98-01 PC A06/MF A01
- EPA/821/R-97/023  
Method 1622: 'Cryptosporidium' in Water by Filtration/IMSFA.  
PB98-153059REB 98-04 PC A05/MF A01
- EPA/822/F-97/008  
Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
PB98-153026REB 98-04 PC A04/MF A01
- EPA/822/F-97/009  
Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
PB98-126667REB 98-02 PC A02/MF A01
- EPA/822/R-98/002  
National Strategy for the Development of Regional Nutrient Criteria.  
PB98-163017REB 98-04 PC A05/MF A01
- EPA/822/R-98/003  
Water Quality Criteria and Standards Plan: Priorities for the Future.  
PB98-163025REB 98-04 PC A05/MF A01
- EPA/823/B-97/009  
Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories. Volume 2. Risk Assessment and Fish Consumption Limits. Second Edition.  
PB98-102734REB 98-01 PC A21/MF A04
- EPA-823-B-98-004  
Evaluation of Dredged Material Proposed For Discharge in Waters of the U.S. - Testing Manual. Inland Testing Manual.  
AD-A338 883/2REB 98-03 PC A25/MF A04
- EPA/823/F-97/007  
Fact Sheet Update: Listing of Fish and Wildlife Advisories.  
PB98-102932REB 98-01 PC A02/MF A01
- EPA/823/F-98/009  
Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet.  
PB98-153174REB 98-04 PC A02/MF A01
- EPA/823/N-97/005  
Water Quality Criteria and Standards Newsletter. Spring and Summer 1997.  
PB98-103237REB 98-01 PC A03/MF A01
- EPA/823/R-97/005  
Assessment of Sediments from the Upper Mississippi River.  
PB98-115165REB 98-01 PC A08/MF A02
- EPA/823/R-98/001  
EPA's Contaminated Sediment Management Strategy.  
PB98-153208REB 98-04 PC A08/MF A02
- EPA/823/R-98/002  
National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996.  
PB98-153141REB 98-04 PC A17/MF A03
- EPA/823/R-98/004  
National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.  
PB98-152994REB 98-04 PC A03/MF A01
- EPA/831/D-97/002  
Information for States on Implementing the Capacity Development Provisions of the Safe Drinking Water Act.  
PB98-133366REB 98-02 PC A09/MF A02
- EPA/832/B-98/001  
Nomination Guidance: 1998 Beneficial Use of Biosolids Awards Program; for Operating Projects, Technology Development, Research, and Public Acceptance.  
PB98-133242REB 98-02 PC A03/MF A01
- EPA/832/D-98/001  
Water Conservation Plan Guidelines.  
PB98-169741REB 98-04 PC A11/MF A03
- EPA/832/F-97/004  
Federal Funding Sources for Small Community Wastewater Systems.  
PB98-133309REB 98-02 PC A04/MF A01
- EPA/832/K-97/002  
Answers to Frequently Asked Questions about the U.S. EPA Clean Water Indian Set-Aside Grant Program.  
PB98-133218REB 98-02 PC A03/MF A01
- EPA/832/R-95/007  
Sanitary Sewer Overflow Workshop. Held in Washington, DC. on April 26-28, 1995.  
PB98-169972REB 98-04 PC A11/MF A03
- EPA/832/R-97/001A  
Response to Congress on Privatization of Wastewater Facilities.  
PB98-133234REB 98-02 PC A04/MF A01
- EPA/832/R-97/003  
Clean Water Needs Survey Report to Congress, 1996. Assessment of Needs for Publicly Owned Wastewater Treatment Facilities, Correction of Combined Sewer Overflows and Management of Storm Water and Nonpoint Source Pollution in the United States.  
PB98-133226REB 98-02 PC A07/MF A02
- EPA/832/R-97/004  
Clean Water State Revolving Fund: Practical Approaches to Improving Pace. Hands on Approaches.  
PB98-133275REB 98-02 PC A04/MF A01
- EPA/833/F-98/003  
Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
PB98-169782REB 98-04 PC A02/MF A01
- EPA/833/Z-98/001  
Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules. Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule.  
PB98-144710REB 98-03 PC A07/MF A02
- EPA/842/F-98/002K  
National Estuary Program: A Ten-Year Perspective. Demonstrating Practical Tools for Watershed Management through the National Estuary Program.  
PB98-152937REB 98-04 PC A02/MF A01
- ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. RADIATION ADVISORY COMMITTEE.  
EPA/SAB/RAC/ADV-98/001  
SAB Report: Environmental Radiation Ambient Monitoring System (ERAMS) II.  
PB98-169964REB 98-04 PC A04/MF A01
- EPA/SAB/RAC-97/008  
SAB Report: Review of the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM).  
PB98-104748REB 98-01 PC A06/MF A01
- ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. RISK ASSESSMENT FORUM.  
EPA/630/R-97/002  
Assessment of Thyroid Follicular Cell Tumors.  
PB98-133119REB 98-02 PC A05/MF A01
- Assessment of Thyroid Follicular Cell Tumors.  
PB98-157860REB 98-04 PC A11/MF A03
- ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. SCIENCE ADVISORY BOARD.  
EPA-SAB-EC-98-001  
SAB Report: Review of the EPA Draft Mercury Study Report to Congress. Review of the EPA's Mercury Report to Congress by the Mercury Review Subcommittee.  
PB98-117070REB 98-02 PC A08/MF A02
- EPA-SAB-EEC-97-011  
SAB Report: Review of the National Risk Management Research Laboratory (NRMRL).  
PB98-104714REB 98-01 PC A04/MF A01
- EPA-SAB-EEC-97-012  
SAB Report: Review of the Sector Facility Indexing Project (SFIP).  
PB98-104706REB 98-01 PC A03/MF A01
- EPA/SAB/EEC-98/008  
SAB Report: Review of ORD's Pollution Prevention Research Strategy. Review of the Office of Research and Development's Draft Pollution Prevention Research Strategy by the Environmental Engineering Committee.  
PB98-155005REB 98-04 PC A04/MF A01
- EPA-SAB-EEC-98-009  
SAB Report: Review of the Surface Impoundments Study (SIS) Plan. Review of the Office of Solid Waste's Proposed Surface Impoundment Study by the Environmental Engineering Committee.  
PB98-169303REB 98-04 PC A04/MF A01
- EPA-SAB-EHC-97-010  
SAB Report: Guidelines for Cancer Risk Assessment.  
PB98-104722REB 98-01 PC A05/MF A01
- EPA-SAB-EPEC-ADV-97-002  
Advisory on the Need to Develop Ecological Risk Management Guidelines.  
PB98-104763REB 98-01 PC A02/MF A01
- EPA-SAB-EPEC-ADV-97-003  
Advisory on the Development of Phase 2 of the Index of Watershed Indicators.  
PB98-104771REB 98-01 PC A03/MF A01
- EPA-SAB-EPEC-97-009  
SAB Report: Evaluation of the Environmental Monitoring and Assessment Program (EMAP) Research Strategy and Research Plan.  
PB98-104730REB 98-01 PC A03/MF A01
- ENVIRONMENTAL PROTECTION AGENCY, WASHINGTON, DC. STANDARDS AND APPLIED SCIENCE DIV.  
Environmental Assessment for the Proposed Effluent Guidelines for the Landfills Point Source Category. Volume 1.  
PB98-154016REB 98-04 PC A08/MF A02
- EPA/821/B-97/009  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1.  
PB98-153190REB 98-04 PC A06/MF A02
- EPA/823/R-98/003  
Bacterial Water Quality Standards for Recreational Waters (Freshwater and Marine Waters). Status Report.  
PB98-153075REB 98-04 PC A04/MF A01
- ENVIRONMENTAL QUALITY MANAGEMENT, INC., CINCINNATI, OH.  
Evaluation of the Implementation of Operations and Maintenance Programs in New Jersey Schools.  
(EPA/600/R-97/063)  
PB97-181424REB 98-02 PC A06/MF A01
- ENVIRONMENTAL RESEARCH LAB., ATHENS, GA.  
EPA/600/R-94/092  
Biochemical Remediation Using Plant Enzymes.  
ADA351092REB 98-04 PC A01/MF A01
- ERIE COUNTY DEPT. OF ENVIRONMENT AND PLANNING, BUFFALO, NY. DIV. OF ENVIRONMENTAL COMPLIANCE.  
Utilizing Low Volatile Organic Content Exterior Coatings for Wood Furniture.  
(EPA/600/R-97/083)  
PB98-100415REB 98-01 PC A04/MF A01
- FEDERAL REMEDIATION TECHNOLOGIES ROUNDTABLE.  
Abstracts of Remediation Case Studies. Volume 2.  
PB97-177570REB 98-01 PC A05/MF A01
- Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies. First Edition.  
(EPA/542/B-98/006)  
PB98-161185REB 98-04 PC A06/MF A01
- EPA/542/R-97/008  
Remediation Case Studies: Bioremediation and Vitrification. Volume 5.  
PB97-177554REB 98-01 PC A13/MF A03
- EPA/542/R-97/009  
Remediation Case Studies: Soil Vapor Extraction and Other In situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03
- FILTRATECH CONSULTING, RANCHO PALOS VERDES, CA.  
Field Methods to Measure Contaminant Removal Effectiveness of Gas-Phase Air Filtration Equipment; Phase 1. Search of Literature and Prior Art.  
(EPA/600/R-97/092)  
PB98-111677REB 98-01 PC A05/MF A01
- FOREST SERVICE, WASHINGTON, DC.  
Northwest Forest Plan Research Database. Users Guide.  
(EPA/600/R-97/096)  
PB98-109366REB 98-01 PC A06/MF A01
- FRANKLIN ASSOCIATES LTD., PRAIRIE VILLAGE, KS.  
Characterization of Municipal Solid Waste in the United States: 1996 Update.  
(EPA/530/R-97/015)  
PB98-142136REB 98-03 PC A10/MF A02
- GEORGIA INST. OF TECH., ATLANTA.  
Characterization of Aerosol Consumer Products.  
(EPA/600/A-98/107)  
PB98-155096REB 98-04 PC A03/MF A01
- GEORGIA INST. OF TECH., ATLANTA. SCHOOL OF CHEMISTRY AND BIOCHEMISTRY.  
Design of an Aerosol Mass Spectral Interface.  
(EPA/600/A-97/106)  
PB98-135759REB 98-03 PC A03/MF A01
- GEORGIA INST. OF TECH., ATLANTA. SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING.  
GIS-Based Modal Model of Automobile Exhaust Emissions.  
(EPA/600/R-98/097)  
PB98-165145REB 98-04 PC A10/MF A03
- GEOTRANS, INC., STERLING, VA.  
Ground Water Issue: Design Guidelines for Conventional Pump-and-Treat Systems.  
(EPA/540/S-97/504)  
PB98-115389REB 98-01 PC A04/MF A01
- GLOBAL ENVIRONMENT AND TECHNOLOGY FOUNDATION, ANNANDALE, VA.  
Environmental Technology Initiative: FY1994-FY1995 Projects. Removing Barriers to Innovations That Protect Public Health and the Environment.  
(EPA/238/R-96/001)  
PB98-120728REB 98-02 PC A10/MF A02
- HARVARD SCHOOL OF PUBLIC HEALTH, BOSTON, MA. DEPT. OF ENVIRONMENTAL HEALTH.  
Review of Concentration Standards and Guidelines for Fungi in Indoor Air.  
(EPA/600/A-98/103)  
PB98-151723REB 98-04 PC A03/MF A01
- HERITAGE CORRIDOR STEERING COMMITTEE, HAVRE DE GRACE, MD.  
Havre de Grace Heritage Corridor Plan, September 1997.  
(CBP/TRS-185/97, EPA/903/R-97/025)  
PB98-103005REB 98-01 PC A05/MF A01
- HIGH VOLTAGE ENVIRONMENTAL APPLICATIONS, INC., MIAMI, FL.  
High Voltage Environmental Applications, Inc. Electron Beam Technology: Innovative Technology Evaluation Report.  
(EPA/540/R-96/504)  
PB98-141971REB 98-03 PC A05/MF A01

# CORPORATE AUTHOR INDEX

- HOUSTON UNIV., TX.**  
BIOPLUME III: Natural Attenuation Decision Support System, User's Manual Version 1.0.  
(EPA/600/R-98/010) 98-02 PC A15/MF A03  
PB98-12164REB
- ICF KAISER, INC., FAIRFAX, VA.**  
Opportunities to Improve Air Quality through Transportation Pricing Programs.  
(EPA/420/R-97/004) 98-02 PC A08/MF A02  
PB98-12219REB
- ICF KAISER INTERNATIONAL, INC., FAIRFAX, VA.**  
Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.  
(NCEA-W-0358, EPA/600/R-97/138) 98-02 PC A99/MF A06  
PB98-124001REB
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. BUREAU OF WATER.**  
IEPA/BOW/97-007  
Lake Michigan Water Quality Report 1992-1993.  
PB98-123052REB 98-02 PC A08/MF A02
- IEPA/BOW/97-018**  
Volunteer Lake Monitoring Program 1996. Volume 1. Statewide Summary Report.  
PB98-107618REB 98-01 PC A14/MF A03
- IEPA/BOW/97-024**  
Assessment of Waukegan Harbor Sediment Contamination, April 1996.  
PB98-139249REB 98-03 PC A03/MF A01
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. DIV. OF LABS.**  
IEPALABS-97-020  
Combined Lists of Environmental Laboratories.  
PB98-104080REB 98-01 PC A04/MF A01
- IEPALABS-98-005**  
Combined Lists of Environmental Laboratories (May 1998).  
PB98-148861REB 98-03 PC A04/MF A01
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. DIV. OF LAND POLLUTION CONTROL.**  
IEPA/BOL-98-008  
Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. DIV. OF WATER POLLUTION CONTROL.**  
IEPA/BOW/97-016  
Evaluation of Illinois Seived Stream Sediment Data 1982-1995.  
PB98-125214REB 98-02 PC A04/MF A01
- IEPA/WPC/92-002**  
Intensive Survey of the Big Bureau Creek Watershed, 1990.  
PB98-123045REB 98-02 PC A04/MF A01
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. ENVIRONMENTAL POLICY.**  
IEPA/ENV/98-004  
EPMS Guidebook: Cleaner Air, Reduced Cost, Illinois EPA.  
PB98-141484REB 98-03 PC A03/MF A01
- ILLINOIS STATE ENVIRONMENTAL PROTECTION AGENCY, SPRINGFIELD. OFFICE OF CHEMICAL SAFETY.**  
IEPA/ENV/97-014  
Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995.  
PB98-113640REB 98-01 PC A06/MF A01
- ILLINOIS UNIV. AT URBANA-CHAMPAIGN.**  
Novel, Whole-Field, Non-Intrusive Diagnostic Technique for Improvement of Indoor Air Quality.  
(EPA/600/A-98/090) 98-04 PC A03/MF A01  
PB98-151673REB
- ILLINOIS UNIV. AT URBANA-CHAMPAIGN. BIOENVIRONMENTAL ENGINEERING RESEARCH LAB.**  
Development of a Digital Optical Measurement System for Analysis of Aerosol Spatial Distribution in the Indoor Environment.  
(EPA/600/A-97/105) 98-03 PC A03/MF A01  
PB98-137532REB
- Study of the Structures of Spray Cones Utilizing Digital Particle Image Velocimetry.**  
(EPA/600/A-98/089) 98-04 PC A03/MF A01  
PB98-151865REB
- INDIAN RIVER LAGOON NATIONAL ESTUARY PROGRAM, MELBOURNE, FL.**  
Indian River Lagoon Comprehensive Conservation and Management Plan.  
PB98-158470REB 98-04 PC A18/MF A03
- INDUS CORP., VIENNA, VA.**  
RACT/BACT/LAER Clearinghouse Information System (RELIC). User's Manual.  
(EPA/456/R-98/002) 98-03 PC A11/MF A03  
PB98-142590REB
- INTERNATIONAL FUEL CELLS CORP., SOUTH WINDSOR, CT.**  
FCR-13524E-V1  
Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 1. Technical Report.  
(EPA/600/R-98/022A) 98-02 PC A07/MF A02  
PB98-127368REB
- FCR-13524E-V2**  
Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 2. Appendices.  
PB98-127376REB 98-02 PC A24/MF A04
- INTERSTATE COMMISSION ON THE POTOMAC RIVER BASIN, ROCKVILLE, MD.**  
Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997.  
(CBP/TRS-191/97, EPA/903/R-97/032) 98-02 PC A07/MF A02  
PB98-118441REB
- Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.**  
(EPA/903/R-97/033, CBP/TRS-192/97) 98-02 PC A11/MF A03  
PB98-123243REB
- Comprehensive List of Chesapeake Bay Basin Species, 1998.**  
(CBP-TRS-204/98, EPA/903/R-98/013) 98-03 PC A07/MF A02  
PB98-141476REB
- IOWA STATE UNIV., AMES.**  
Comparison of CFC-114 and HFC-236ea Performance in Shipboard Vapor Compression Systems.  
(EPA/600/A-98/029) 98-03 PC A03/MF A01  
PB98-140395REB
- IT CORP., CINCINNATI, OH.**  
Treatability Studies for Wood Preserving Sites.  
(EPA/600/R-98/026) 98-02 PC A17/MF A03  
PB98-132400REB
- Assessing UST Corrective Action Technologies: In situ SVE-Based Systems for Free Product Recovery and Residual Hydrocarbon Removal.**  
(EPA/600/R-98/042) 98-03 PC A16/MF A03  
PB98-137219REB
- State-of-the-Art Procedures and Equipment for Internal Inspection and Upgrading of Underground Storage Tanks.**  
(EPA/600/R-97/085) 98-03 PC A06/MF A01  
PB98-141963REB
- Environmental Assessment of the Base Catalyzed Decomposition (BCD) Process.**  
(EPA/600/R-98/107) 98-04 PC A04/MF A01  
PB98-173479REB
- JOHNS HOPKINS UNIV., BALTIMORE, MD. DEPT. OF GEOGRAPHY AND ENVIRONMENTAL ENGINEERING.**  
Bioremediation of BTX, Naphthalene, and Phenanthrene in Aquifer Material Using Mixed Oxygen/Nitrate Electron Acceptor Conditions.  
(EPA/600/R-97/120) 98-01 PC A09/MF A02  
PB98-106446REB
- JORDAN (EDWARD C.) CO., INC., PORTLAND, ME.**  
EPA/625/3-79/010  
Seminar Publication: Pollution Control in the Forest Products Industry.  
PB98-102304REB 98-01 PC A06/MF A01
- KENTUCKY TRANSPORTATION CENTER, LEXINGTON.**  
KTC-97-24  
Kentucky Transportation Cabinet: Annual Assessment of Customer Needs and Satisfaction: Mail Survey Report.  
(KYS/PR-98-175) 98-02 PC A06/MF A01  
PB98-131345REB
- LAWRENCE BERKELEY NATIONAL LAB., CA.**  
Total Risk Integrated Methodology. Implementation of the TRIM Conceptual Design through the TRIM.FaTE Module. A Status Report.  
(EPA/452/R-98/001) 98-04 PC A09/MF A02  
PB98-145485REB
- LITTLE (ARTHUR D.), INC., CAMBRIDGE, MA.**  
Capsule Report: Double Alkali Flue Gas Desulfurization System Applied at the General Motors Parma, Ohio Facility.  
(EPA/625/2-78/016) 98-01 PC A03/MF A01  
PB98-102312REB
- LOCKHEED ENVIRONMENTAL SYSTEMS AND TECHNOLOGIES CO., LAS VEGAS, NV.**  
Environmental Monitoring and Assessment Program Surface Waters. Field Operations Manual for Lakes.  
(EPA/620/R-97/001) 98-02 PC A13/MF A03  
PB98-122211REB
- LOCKHEED MARTIN ENVIRONMENTAL SYSTEMS AND TECHNOLOGIES, LAS VEGAS, NV.**  
Descriptive Statistics Tables from a Detailed Analysis of the National Human Activity Pattern Survey (NHAPS) Data.  
(EPA/600/R-96/148) 98-04 PC A24/MF A04  
PB98-155179REB
- MANTECH ENVIRONMENTAL TECHNOLOGY, INC., RESEARCH TRIANGLE PARK, NC.**  
Czech Air Quality Monitoring and Receptor Modeling Study.  
(EPA/600/R-97/084) 98-01 PC A09/MF A02  
PB98-110299REB
- Evaluation of Methods for Collecting Dislodgeable Pesticide Residues from Turf.**  
(EPA/600/R-97/119) 98-02 PC A05/MF A01  
PB98-114390REB
- Round-Robin Testing of Methods for Collecting Dislodgeable Residues from Carpet.**  
(EPA/600/R-97/107) 98-02 PC A06/MF A01  
PB98-117969REB
- Estimation of Infiltration Rate in the Vadose Zone: Application of Selected Mathematical Models. Volume 2.**  
(EPA/600/R-97/128B) 98-03 PC A08/MF A02  
PB98-147317REB
- MARYLAND DEPT. OF NATURAL RESOURCES, ANNAPOLIS.**  
Catfish Populations in Chesapeake Bay.  
(EPA/903/R-98/001, CBP/TRS-193/98) 98-02 PC A05/MF A01  
PB98-123235REB
- MARYLAND DEPT. OF NATURAL RESOURCES, ANNAPOLIS. MONITORING AND NON-TIDAL ASSESSMENT DIV.**  
CBWP-MANTA-MN-96-1  
Status and Trends in Benthic Macroinvertebrate Communities as an Indicator of Water Quality at Maryland's Core Monitoring Stations, 1976-1992.  
PB98-119241REB 98-02 PC A05/MF A01
- MARYLAND UNIV., COLLEGE PARK. CENTER FOR ENVIRONMENTAL ENERGY ENGINEERING.**  
Experimental Evaluation of a Novel Full-Scale Evaporatively Cooled Condenser.  
(EPA/600/R-97/079) 98-01 PC A04/MF A01  
PB98-100506REB
- MARYLAND UNIV., COLLEGE PARK. DEPT. OF CHEMISTRY AND BIOCHEMISTRY.**  
Fluxes of Trace Elements in Aerosol Particles Dry Depositing to the Chesapeake Bay Watershed.  
(CBWP-MANTA-AD-97-5) 98-02 PC A04/MF A01  
PB98-119266REB
- Behavior of Toxic Metals during Contact of Synthetic Coal Leachates with Maryland Coastal Plain Soil.**  
(CBWP-MANTA-TR-97-4) 98-02 PC A05/MF A01  
PB98-125388REB
- MARYLAND UNIV., COLLEGE PARK. INST. FOR GOVERNMENTAL SERVICE.**  
Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States.  
(CBP/TRS-187/97, EPA/903/R-97/028) 98-01 PC A05/MF A01  
PB98-105422REB
- MARYLAND UNIV., COLLEGE PARK. MARYLAND SEA GRANT EXTENSION PROGRAM.**  
Concentration of Metal Pollutants in Bacterial Biofilms and Inhibition of Oyster Settlement and Metamorphosis.  
(CBWP-MANTA-TR-97-3) 98-02 PC A06/MF A01  
PB98-119225REB
- MARYLAND UNIV., QUEENSTOWN. WYE RESEARCH AND EDUCATION CENTER.**  
Screening Level Probabilistic Ecological Risk Assessment of Copper and Cadmium in the Chesapeake Bay Watershed.  
PB98-105562REB 98-01 PC A12/MF A03
- Acute and Chronic Toxicity of Copper to the Estuarine Copepod "Eurytemora affinis".**  
(CBP/TRS-198/98, EPA/903/R-98/005) 98-02 PC A04/MF A01  
PB98-126055REB
- Ambient Toxicity Testing in Chesapeake Bay, 5 Year Report.**  
(CBP/TRS-199/98, EPA/903/R-98/008) 98-02 PC A08/MF A02  
PB98-130982REB
- MARYLAND UNIV., SOLOMONS. CHESAPEAKE BIOLOGICAL LAB.**  
Interaction among Environmental Factors and Recruitment Potential in Striped Bass.  
(CBWP-MANTA-AD-97-4) 98-02 PC A11/MF A03  
PB98-119258REB
- Episodic Water Quality Events and Striped Bass Recruitment: Larval Mark-Recapture Experiments in the Nanticoke River.**  
(CBWP-MANTA-AD-96-2) 98-02 PC A14/MF A03  
PB98-119316REB
- MCNC, RESEARCH TRIANGLE PARK, NC. NORTH CAROLINA SUPERCOMPUTING CENTER.**  
Research on Numerical Transport Algorithms for Air Quality Simulation Models.  
(EPA/600/R-97/142) 98-02 PC A06/MF A01  
PB98-127327REB
- METCALF AND EDDY, INC., PALO ALTO, CA.**  
Storage/Sedimentation Facilities for Control of Storm and Combined Sewer Overflows: Design Manual.  
(EPA/600/R-98/006) 98-02 PC A11/MF A03  
PB98-132228REB
- MICHIGAN UNIV., ANN ARBOR. DEPT. OF ATMOSPHERIC, OCEANIC AND SPACE SCIENCES.**  
Evaluating the Relation between Ozone, NOx and Hydrocarbons: The Method of Photochemical Indicators.  
(EPA/600/R-98/022) 98-03 PC A08/MF A02  
PB98-142052REB
- MICHIGAN UNIV., ANN ARBOR. DEPT. OF CIVIL AND ENVIRONMENTAL ENGINEERING.**  
Michigan Soil Vapor Extraction Remediation (MISER) Model: A Computer Program to Model Soil Vapor Extraction and Bioventing of Organic Chemicals in Unsaturated Geological Material.  
(EPA/600/R-97/099) 98-01 PC A13/MF A03  
PB98-115355REB
- MICHIGAN UNIV., ANN ARBOR. NATIONAL POLLUTION PREVENTION CENTER.**  
Life Cycle Design of a Fuel Tank System. General Motors Demonstration Project.  
(EPA/600/R-97/118) 98-02 PC A06/MF A01  
PB98-117856REB
- MIDWEST RESEARCH INST., CARY, NC.**  
Ethylene Oxide Commercial Sterilization and Fumigation Operations NESHAP. Implementation Document.  
(EPA/456/R-97/004) 98-01 PC A05/MF A01  
PB98-103385REB



# CORPORATE AUTHOR INDEX

PECHAN (E.H.) AND ASSOCIATES, INC., DURHAM, NC.

Handbook: Operation and Maintenance of Hospital Medical Waste Incinerators.  
(EPA/625/6-89/024)  
PB98-103401REB 98-01 PC A07/MF A02

Fabric Filter Bag Leak Detection Guidance.  
(EPA/454/R-98/015)  
PB98-164676REB 98-04 PC A04/MF A01

MINNESOTA UNIV., MINNEAPOLIS. DEPT. OF MECHANICAL ENGINEERING.  
Effects of Fan Cycling on the Particle Shedding of Particulate Air Filters Used for IAQ Control.  
(EPA/600/A-98/080)  
98-03 PC A02/MF A01

NATIONAL AIR AND RADIATION ENVIRONMENTAL LAB., MONTGOMERY, AL.  
EPA/402/R-95/012  
National Radon Proficiency Program: Guidance on Quality Assurance.  
PB98-123060REB 98-02 PC A08/MF A02

EPA/402/R-98/003  
Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor.  
PB98-167836REB 98-04 PC A07/MF A02

NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS RESEARCH LAB., CORVALLIS, OR.  
EPA/600/A-97/087  
Ecosystem Management, Chapter 2.  
PB98-116411REB 98-01 PC A04/MF A01

EPA/600/R-97/125  
Monitoring Design for Riparian Forests in the Pacific Northwest. Research Plan.  
PB98-115363REB 98-01 PC A08/MF A02

EPA/600/R-98/032  
Study on Integrating Surveys of Terrestrial Natural Resources: The Oregon Demonstration Project.  
PB98-136930REB 98-03 PC A05/MF A01

NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS RESEARCH LAB., CORVALLIS, OR. WESTERN ECOLOGY DIV.  
EPA/600/A-97/090  
Ecological Effects of Tropospheric Ozone: A U.S. Perspective: Past, Present and Future.  
PB98-116387REB 98-01 PC A04/MF A01

EPA/600/A-98/001  
Interactive Effects of O3 and CO2: Implications for Terrestrial Ecosystems.  
PB98-137516REB 98-03 PC A06/MF A01

EPA/600/A-98/062  
Influence of Adverse Soil Conditions on the Formation and Function of Arbuscular Mycorrhizae.  
PB98-145626REB 98-03 PC A04/MF A01

EPA/600/R-97/126  
Research Plan: Interactive Effects of O3 and CO2 on the Ponderosa Pine Plant/Litter/Soil System.  
PB98-115306REB 98-02 PC A07/MF A02

EPA/600/R-97/127  
Lake Regions of Florida.  
PB98-122237REB 98-02 PC A06/MF A02

EPA/600/R-98/004  
Ecological Functions of Off-Channel Habitat, Willamette River, Oregon. Final Research Plan.  
PB98-122229REB 98-02 PC A06/MF A02

EPA/600/R-98/005  
Analysis and Assessment of Impacts on Biodiversity: A Framework for Environmental Management of DoD Lands within the California Mojave Desert. A Research Plan.  
PB98-132210REB 98-02 PC A06/MF A01

NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS RESEARCH LAB., DULUTH, MN. MID-CONTINENT ECOLOGY DIV.  
Ecotox Database (AQUIRE, PHYTOTOX, and TERRETOX) (Non-VMS Data) (on Magnetic Tape). (Renouncement with New Abstract).  
PB97-500292REB 98-02 CP T02

NATIONAL HEALTH AND ENVIRONMENTAL EFFECTS RESEARCH LAB., NARRAGANSETT, RI. ATLANTIC ECOLOGY DIV.  
EPA/600/A-98/084  
Appreciative Inquiry: A Mechanism for Maximizing Empower in Social Systems.  
PB98-151277REB 98-03 PC A03/MF A01

NHEERL-NAR-2011  
Appreciative Inquiry: A Mechanism for Maximizing Empower in Social Systems.  
PB98-151277REB 98-03 PC A03/MF A01

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, RESEARCH TRIANGLE PARK, NC. ATMOSPHERIC SCIENCES MODELING DIV.  
Models-3: A Unifying Framework for Environmental Modeling and Assessment.  
(EPA/600/A-97/082)  
PB98-116460REB 98-02 PC A03/MF A01

Aggregation Using Cluster Analyses for Models-3 CMAQ Applications.  
(EPA/600/A-97/081)  
PB98-116478REB 98-02 PC A02/MF A01

Science Features in Models-3 Community Multiscale Air Quality System.  
(EPA/600/A-97/078)  
PB98-116502REB 98-02 PC A03/MF A01

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WASHINGTON, DC. OFFICE OF THE CHIEF SCIENTIST.  
Year of the Ocean. Discussion Papers. March 1998.  
PB98-145873REB 98-03 PC A18/MF A04

NATIONAL RESEARCH COUNCIL OF CANADA, OTTAWA (ONTARIO).  
Comparison of Design Specifications for Three Large Environmental Chambers.  
(EPA/600/A-98/097)  
PB98-155146REB 98-04 PC A03/MF A01

NATIONAL RISK MANAGEMENT RESEARCH LAB., ADA, OK.  
Tracers Detect Aquifer Contamination.  
ADA350763REB 98-04 PC A01/MF A01

EPA/600/A-98/035  
Field-Scale Application of In-situ Cosolvent Flushing: Evaluation Approach.  
PB98-135866REB 98-03 PC A03/MF A01

EPA/600/A-98/108  
Ground Water Remediation of Chromium Using Zero-Valent Iron in a Permeable Reactive Barrier.  
PB98-155088REB 98-04 PC A03/MF A01

NATIONAL RISK MANAGEMENT RESEARCH LAB., ADA, OK. SUBSURFACE PROTECTION AND REMEDIATION DIV.  
EPA/540/S-97/505  
Ground-Water Issue: Steam Injection for Soil and Aquifer Remediation.  
PB98-126709REB 98-02 PC A03/MF A01

EPA/600/A-98/040  
Modeling a Plant and Soil Indicator of Habitat Suitability for Small Mammals.  
PB98-135817REB 98-03 PC A04/MF A01

EPA/600/A-98/041  
Performance Evaluation of an In situ Anaerobic Biotreatment System for Chlorinated Solvents.  
PB98-135809REB 98-03 PC A02/MF A01

EPA/600/A-98/042  
Analytical Tools for Groundwater Pollution Assessment.  
PB98-135130REB 98-03 PC A02/MF A01

EPA/600/A-98/043  
Remediation of Ground Water Using In-situ Permeable Reactive Barriers: Chromate and Other Inorganic Contaminants.  
PB98-135122REB 98-03 PC A02/MF A01

EPA/600/A-98/044  
Research Issues for Thermal Remediation.  
PB98-135114REB 98-03 PC A03/MF A01

EPA/600/A-98/045  
Hot Water Injection for the Remediation of Oily Wastes.  
PB98-139991REB 98-03 PC A03/MF A01

EPA/600/A-98/085  
Employment Verification and Long-Term Performance Monitoring for Permeable Reactive Barrier at the USCG Support Center, Elizabeth City, North Carolina.  
PB98-151285REB 98-03 PC A03/MF A01

EPA/600/R-97/078  
Risk Management Research Plan for Ecosystem Restoration in Watersheds.  
PB98-147044REB 98-03 PC A04/MF A01

EPA/600/R-98/115  
Cost and Performance Report: In situ Anaerobic Bioremediation, Pinellas Northeast Site, Largo, Florida.  
PB98-168008REB 98-04 PC A04/MF A01

NATIONAL RISK MANAGEMENT RESEARCH LAB., CINCINNATI, OH.  
EPA/540/R-95/503A  
SITE Technology Capsule: ZenoGem (Trade Name) Wastewater Treatment Process.  
PB98-115371REB 98-01 PC A03/MF A01

EPA/600/R-96/140  
Risk Management Research Plan for Wet Weather Flows.  
PB98-147093REB 98-03 PC A06/MF A02

EPA/625/6-88/018  
Guide to Technical Resources for the Design of Land Disposal Facilities.  
PB98-102270REB 98-01 PC A06/MF A01

NATIONAL RISK MANAGEMENT RESEARCH LAB., CINCINNATI, OH. WATER SUPPLY AND WATER RESOURCES DIV.  
EPA/600/R-98/044  
Leaching of Metals from Household Plumbing Materials: Impact of Home Water Softeners.  
PB98-147309REB 98-03 PC A08/MF A02

NATO COMMITTEE ON THE CHALLENGES OF MODERN SOCIETY, BRUSSELS (BELGIUM).  
NATO-228  
NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
(EPA/542/R-98/002)  
PB98-161193REB 98-04 PC A08/MF A02

NAVAL COMMAND, CONTROL AND OCEAN SURVEILLANCE CENTER, SAN DIEGO, CA. RDT AND E DIV.  
Field Validation of a Penetrometer-Based Fiber-Optic Petroleum, Oil, and Lubricant (POL) Sensor.  
(EPA/600/R-97/055)  
PB98-100472REB 98-01 PC A04/MF A01

NEBRASKA UNIV.-LINCOLN. INST. OF AGRICULTURE AND NATURAL RESOURCES.  
Hydrology of Two Interdunal Valleys in the Nebraska Sand Hills.  
(EPA/600/R-98/073)  
PB98-148004REB 98-03 PC A07/MF A02

NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIV., GREENSBORO. COLL. OF ENGINEERING.  
Energy Consumption Comparisons for High Efficiency versus Low Efficiency Central Filters.  
(EPA/600/A-98/017)  
PB98-142235REB 98-03 PC A03/MF A01

NORTH CAROLINA STATE UNIV. AT RALEIGH. DEPT. OF CIVIL ENGINEERING.  
Anaerobic Biodegradation of BTEX in Aquifer Material.  
(EPA/600/S-97/003)  
PB98-126279REB 98-02 PC A03/MF A01

EPA/600/R-96/145  
Enhanced Bioremediation of BTEX Using Immobilized Nutrients: Field Demonstration and Monitoring.  
PB97-186290REB 98-01 PC A05/MF A01

NORTHERN INDIANA PUBLIC SERVICE CO., GARY, IN.  
Capsule Report: Wellman-Lord SO2 Recovery Process. Flue Gas Desulfurization Plant.  
(EPA/625/2-77/011)  
PB98-102262REB 98-01 PC A03/MF A01

NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC. OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA.  
Lost Source Exercise 1997: An Exercise of Radiological Response through Cooperation and Coordination of Local, State and Federal Agency Resources under the National Contingency Plan.  
NUREG-1634REB 98-04 PC A05/MF A01

OAK RIDGE NATIONAL LAB., TN. HEALTH AND SAFETY RESEARCH DIV.  
Comparison of Indoor Radon Concentrations Determined by Passive Carbon Monitors and Continuous Radon Monitors.  
(EPA/600/A-98/111)  
PB98-173420REB 98-04 PC A03/MF A01

OKLAHOMA STATE UNIV., STILLWATER.  
Design Manual: Municipal Wastewater Disinfection.  
(EPA/625/1-86/021)  
PB98-126618REB 98-02 PC A13/MF A03

Potential for Invasion of Underground Sources of Drinking Water through Mud-Plugged Wells: An Experimental Appraisal.  
(EPA/600/R-98/075)  
PB98-167976REB 98-04 PC A19/MF A04

OKLAHOMA UNIV., NORMAN.  
Innovative Measures for Subsurface Chromium Remediation: Source Zone, Concentrated Plume, and Dilute Plume.  
(EPA/600/S-97/005)  
PB98-126717REB 98-02 PC A03/MF A01

OREGON STATE UNIV., CORVALLIS.  
PATCH: A Spatially Explicit Life History Simulator for Terrestrial Vertebrates.  
(EPA/600/A-97/086)  
PB98-116429REB 98-02 PC A04/MF A01

Effects of Single and Multiple Stressors on Communities of Wheat and Wild Oats.  
(EPA/600/R-98/074)  
PB98-151269REB 98-03 PC A09/MF A02

OREGON STATE UNIV., CORVALLIS. DEPT. OF FOREST SCIENCE.  
Gradient Analysis of Biomass in Costa Rica and a First Estimate of Total Emissions of Greenhouse Gases from Biomass Burning.  
(EPA/600/A-97/088)  
PB98-116403REB 98-01 PC A04/MF A01

PACIFIC ENVIRONMENTAL SERVICES, INC., HERNDON, VA.  
Investigation of Alternative Means for Demonstrating Sewage Sludge Incinerator Compliance with Total Hydrocarbon Emission Standards.  
(EPA/622/R-98/001)  
PB98-154024REB 98-04 PC A12/MF A03

PACIFIC ENVIRONMENTAL SERVICES, INC., RESEARCH TRIANGLE PARK, NC.  
National Emission Standards for Aerospace Manufacturing and Rework Facilities: Summary of Requirements for Implementing the NESHAP.  
(EPA/456/R-97/006)  
PB98-145501REB 98-03 PC A08/MF A02

PATTERSON ASSOCIATES, INC., CHICAGO, IL.  
Capsule Report: Aqueous Mercury Treatment.  
(EPA/625/R-97/004)  
PB98-115330REB 98-01 PC A04/MF A01

PECHAN (E.H.) AND ASSOCIATES, INC., DURHAM, NC.  
Estimates of Global Greenhouse Gas Emissions from Industrial and Domestic Wastewater Treatment.  
(EPA/600/R-97/091)  
PB98-106420REB 98-01 PC A07/MF A02

Ambient Air Monitoring Plan for Ciudad Acuna and Piedra Negra, Coahuila, Mexico.  
(EPA/456/R-98/001)  
PB98-131634REB 98-03 PC A06/MF A02

Greenhouse Gases from Anaerobic Decomposition of Waste.  
(EPA/600/A-98/079)  
PB98-147143REB 98-04 PC A02/MF A01

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- National Air Pollutant Emission Trends, 1900-1996.  
(EPA/454/R-97/011)  
PB98-153158REB 98-04 PC A11
- PECHAN (E.H.) AND ASSOCIATES, INC., RANCHO CORDOVA, CA.**  
Air Emissions from Scrap Tire Combustion.  
(EPA/600/R-97/115)  
PB98-111701REB 98-01 PC A07/MF A02
- Emerging Technologies for the Management and Utilization of Landfill Gas.  
(EPA/600/R-98/021)  
PB98-127913REB 98-03 PC A06/MF A01
- Next Generation Technologies for Landfill Gas and "What is ETV."  
(EPA/600/A-98/058)  
PB98-147234REB 98-03 PC A03/MF A01
- PURDUE UNIV., WEST LAFAYETTE, IN. THERMAL SCIENCES AND PROPULSION CENTER.**  
Reducing Solvent and Propellant Emissions from Consumer Products.  
(EPA/600/A-98/025)  
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- Effervescent Atomization at Low Air/Liquid Ratios.  
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PB98-155062REB 98-04 PC A03/MF A01
- RADIAN CORP., AUSTIN, TX.**  
Sulfur Oxides Control Technology Series: Flue Gas Desulfurization, Wellman-Lord Process.  
(EPA/625/R-79/001)  
PB98-102296REB 98-01 PC A04/MF A01
- Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
(EPA/600/R-97/116)  
PB98-111685REB 98-01 PC A21/MF A04
- Field Measurement of Greenhouse Gas Emission Rates and Development of Emission Factors for Wastewater Treatment.  
(EPA/600/R-97/094)  
PB98-117896REB 98-02 PC A22/MF A04
- REFUGEE FEDERATION SERVICES CENTER, SEATTLE, WA.**  
Asian and Pacific Islander Seafood Consumption Study: Exposure Information Obtained through a Community-Centered Approach. Planning Phase.  
(EPA/910/R-96/007)  
PB98-119100REB 98-02 PC A18/MF A04
- RESEARCH TRIANGLE INST., RESEARCH TRIANGLE PARK, NC.**  
Developing and Using Production-Adjusted Measurements of Pollution Prevention.  
(EPA/600/R-97/048)  
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- Evaluation of Waterborne Contact Adhesives for the Store Fixture Industry.  
(EPA/600/A-97/073)  
PB98-116551REB 98-02 PC A03/MF A01
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(EPA/625/R-97/002)  
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- Demonstration of a 1 MWe Biomass Power Plant at USMC Base Camp Lejeune.  
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PB98-135676REB 98-03 PC A03/MF A01
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- Effectiveness of Vacuum Cleaning on Fungally Contaminated Duct Materials.  
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(EPA/600/A-98/016)  
PB98-140361REB 98-03 PC A03/MF A01
- Pilot Air Conveyance System Design, Characterization, and Cleaning.  
(EPA/600/A-98/034)  
PB98-140387REB 98-03 PC A03/MF A01
- Verification Testing of Air Pollution Control Technology.  
(EPA/600/A-98/067)  
PB98-145576REB 98-03 PC A03/MF A01
- Evaluation of Low-Emitting Products for Use in the Indoor Environment.  
(EPA/600/A-98/065)  
PB98-145592REB 98-03 PC A03/MF A01
- Development of Tools for Evaluating Integrated Municipal Waste Management Using Life-Cycle Management.  
(EPA/600/A-98/064)  
PB98-145600REB 98-03 PC A02/MF A01
- Personal Computer Guide for Businesses in the Metal Parts Coating Industry.  
(EPA/600/A-98/081)  
PB98-147168REB 98-03 PC A03/MF A01
- Analytical Techniques for Measuring Hydrocarbon Emissions from the Manufacture of Fiberglass-Reinforced Plastics.  
(EPA/600/A-98/057)  
PB98-147259REB 98-03 PC A03/MF A01
- Development of a Method for the Speciation of Source Mercury Emissions.  
(EPA/600/A-98/056)  
PB98-147267REB 98-03 PC A03/MF A01
- Pilot Field Study for the Assessment of Techniques Used for Field Measurement of Lead in Paint. Volume 1. Technical Report.  
(EPA/600/R-97/057A)  
PB98-148414REB 98-03 PC A09/MF A02
- Pilot Field Study for the Assessment of Techniques Used for Field Measurement of Lead in Paint. Volume 2. Appendices.  
(EPA/600/R-97/057B)  
PB98-148422REB 98-03 PC A15/MF A03
- Demonstration of Liquid CO<sub>2</sub> as an Alternative for Metal Parts Cleaning.  
(EPA/600/A-98/086)  
PB98-151632REB 98-04 PC A02/MF A01
- Measurement of Indoor Air Emissions from Office Equipment.  
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PB98-151780REB 98-04 PC A03/MF A01
- Susceptibility of Fiberglass Duct Liner to Fungal ("Penicillium chrysogenum") Growth.  
(EPA/600/A-98/104)  
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- Microbiological Screening of the Indoor Air Quality in a Large Building.  
(EPA/600/A-98/099)  
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- VOC Removal at Low Contaminant Concentrations Using Granular Activated Carbon.  
(EPA/600/A-98/098)  
PB98-155138REB 98-04 PC A03/MF A01
- Aerosol Filtration Efficiency of In-Duct Air Cleaners.  
(EPA/600/A-98/095)  
PB98-155153REB 98-04 PC A03/MF A01
- Indoor Air Emissions from Office Equipment: Test Method and Pollution Prevention Opportunities.  
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- EPA/453/R-96/016  
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- RTI-92U-5783-003  
Personal Computer Monitors: A Screening Evaluation of Volatile Organic Emissions from Existing Printed Circuit Board Laminates and Potential Pollution Prevention Alternatives.  
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PB98-137102REB 98-03 PC A06/MF A01
- RTI-92U-6497-04  
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- RTI/6699/208-01F  
EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards.  
(EPA/600/R-97/121)  
PB98-115314REB 98-01 PC A08/MF A02
- RESEARCH TRIANGLE INST., RESEARCH TRIANGLE PARK, NC. ANALYTICAL AND CHEMICAL SCIENCES UNIT.**  
Trace Metal Cleanroom.  
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PB98-147325REB 98-03 PC A08/MF A02
- RESEARCH TRIANGLE INST., RESEARCH TRIANGLE PARK, NC. CENTER FOR ENVIRONMENTAL ANALYSIS.**  
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- RESEARCH TRIANGLE INST., RESEARCH TRIANGLE PARK, NC. CENTER FOR ENVIRONMENTAL MEASUREMENTS AND QUALITY ASSURANCE.**  
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- Standard Operating Procedure for the Laboratory Analysis of Lead in Paint, Bulk Dust, and Soil by Ultrasonic, Acid Digestion and Inductively Coupled Plasma Emission Spectrometric Measurement.  
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- Standard Operating Procedure for the Field Analysis of Lead in Dust Collected by Vacuum and on Wipes by Ultrasonic, Acid Digestion, and Colorimetric Measurement.  
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- RICE UNIV., HOUSTON, TX. DEPT. OF ENVIRONMENTAL SCIENCE AND ENGINEERING.**  
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- ROBERT S. KERR ENVIRONMENTAL RESEARCH LAB., ADA, OK.**  
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- SANDIA NATIONAL LABS., LIVERMORE, CA. COMBUSTION RESEARCH FACILITY.**  
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- SCIENCE APPLICATIONS INTERNATIONAL CORP., CINCINNATI, OH.**  
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- Treatment Technology Performance and Cost Data for Remediation of Wood Preserving Sites.  
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PB98-147069REB 98-03 PC A09/MF A02
- SCIENCE APPLICATIONS INTERNATIONAL CORP., RESTON, VA.**  
Statistical Support Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
(EPA/821/R-97/006)  
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- SCIENCE APPLICATIONS INTERNATIONAL CORP., RESTON, VA. HEALTH AND ENVIRONMENT STUDIES AND SYSTEMS DIV.**  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
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- Statistical Support Document of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
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- SCIENCE APPLICATIONS INTERNATIONAL CORP., SAN DIEGO, CA.**  
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- SKY (PLUS), OAKLAND, CA.**  
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- SOURCE TECHNOLOGY ASSOCIATES, RESEARCH TRIANGLE PARK, NC.**  
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- SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, DIAMOND BAR, CA.**  
Low-VOC Coatings Using Reactive Diluents Demonstration Project.  
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- SOUTHERN RESEARCH INST., BIRMINGHAM, AL.**  
Indoor Air Quality Large Building Characterization Project Planning.  
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- SRI-ENV-94-851-7400.93.41.1**  
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(EPA/600/R-97/135)  
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WISCONSIN UNIV.-SUPERIOR.

- SRI-ENV-96-463-7722.3.63.10  
Large Building Radon Manual.  
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PB98-123995REB 98-02 PC A07/MF A02
- SOUTHERN RESEARCH INST., CHAPEL HILL, NC.  
National Assessment of Environmental and Economic Benefits from Methane Control and Utilization Technologies at U.S. Underground Coal Mines.  
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PB98-118144REB 98-02 PC A09/MF A02
- SOUTHWEST RESEARCH INST., SAN ANTONIO, TX.  
Emission Factors for Compression Ignition Nonroad Engines Operated on No. 2 Highway and Nonroad Diesel Fuel.  
(EPA/420/R-98/001)  
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- STANFORD UNIV., CA. WESTERN REGION HAZARDOUS SUBSTANCE RESEARCH CENTER.  
Bioaugmentation with 'Burkholderia cepacia' PR1 301 for In situ Bioremediation of Trichloroethylene Contaminated Groundwater.  
(EPA/600/S-98/001)  
PB98-116492REB 98-03 PC A03/MF A01
- SURREY UNIV., GUILDFORD (ENGLAND).  
Laboratory Observations of the Rise of Buoyant Thermals Created by Open Detonations.  
(EPA/600/A-97/079)  
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- TETRA TECH EM INC., DENVER, CO.  
Veterans Affairs Medical Center Pollution Prevention Assessment.  
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- TETRA TECH, INC., OWINGS MILLS, MD.  
Examination of the Effects of Habitat Quality, Land Use, and Acidification on the Macroinvertebrate Communities of Coastal Plain Streams.  
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PB98-125362REB 98-02 PC A07/MF A02
- TETRA TECH, INC., SEATTLE, WA.  
Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
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PB98-131899REB 98-02 PC A25/MF A04
- TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF MECHANICAL ENGINEERING.  
Effect of Lubricant Contamination on the Performance and Reliability of Heat Pumps Charged with R-407c.  
(EPA/600/R-98/015)  
PB98-127079REB 98-02 PC A08/MF A02
- Two-Phase Flow of Two HFC Refrigerant Mixtures through Short-Tube Orifices.  
(EPA/600/R-95/168)  
PB98-142045REB 98-03 PC A08/MF A02
- TEXAS UNIV. AT AUSTIN. DEPT. OF CIVIL ENGINEERING.  
Report of 1995 Workshop on Geosynthetic Clay Liners.  
(EPA/600/R-96/149)  
PB98-141989REB 98-03 PC A12/MF A03
- TRC ENVIRONMENTAL CORP., CHAPEL HILL, NC.  
Evaluation of Barriers to the Use of Radiation Cured Coatings in Wide-Web Flexographic Printing.  
(EPA/600/R-97/113)  
PB98-106412REB 98-01 PC A08/MF A02
- TURNER (L.G.S.) AND ASSOCIATES LTD., ALEXANDRIA, VA.  
LGST-9711021  
Federal Remediation Technologies Screening Matrix and Reference Guide. Third Edition.  
(SFIM-AEC-ET-CR-97053)  
PB98-108590REB 98-02 PC A99/MF E08
- UNIVERSITY OF WEST FLORIDA, PENSACOLA. CENTER FOR ENVIRONMENTAL DIAGNOSTICS AND BIOREMEDIATION.  
Effectiveness and Safety of Strategies for Oil Spill Bioremediation: Potential and Limitation, Laboratory to Field.  
(EPA/600/S-97/008)  
PB98-140320REB 98-03 PC A02/MF A01
- UTAH DEPT. OF ENVIRONMENTAL QUALITY, SALT LAKE CITY.  
Investigation of Hydrogeologic Mapping to Delineate Protection Zones Around Springs; Report of Two Case Studies.  
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- UTAH STATE UNIV., LOGAN. WATERSHED SCIENCE UNIT.  
Effects of Flow Augmentation on Channel Morphology and Riparian Vegetation in the Upper Arkansas River Basin, Colorado.  
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PB98-126287REB 98-02 PC A08/MF A02
- VANASSE HANGEN BRUSTLIN, INC., PROVIDENCE, RI.  
Air Quality Evaluation of Rhode Island's Incident Management Program.  
PB98-135700REB 98-03 PC A04/MF A01
- VERMONT UNIV., BURLINGTON. RESEARCH CENTER FOR GROUNDWATER REMEDIATION DESIGN.  
NAPL: Simulator Documentation.  
(EPA/600/R-97/102)  
PB98-106495REB 98-01 PC A12/MF A03
- VERSAR, INC., COLUMBIA, MD.  
Atmospheric Deposition in Maryland: Assessment of Status, Trends, and Environmental Effects.  
(CBWP-MANTA-AD-97-6)  
PB98-119274REB 98-02 PC A08/MF A02
- VERSAR, INC., SPRINGFIELD, VA.  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category. Volume 1. Final Report.  
(EPA/821/B-98/015)  
PB98-161243REB 98-04 PC A09/MF A02
- VERSAR, INC., SPRINGFIELD, VA. EXPOSURE ASSESSMENT DIV.  
Exposure Factors Handbook (Kit).  
PB98-124217REB 98-02 PC E99/MF E99
- Exposure Factors Handbook. Volume 1, General Factors (Final Report).  
(NCEA-W-0005-V1, EPA/600/P-97/002FA)  
PB98-124225REB 98-02 PC A11/MF A03
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PB98-124233REB 98-02 PC A18/MF A03
- Exposure Factors Handbook, Volume 3. Activity Factors (Final Report).  
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- VIRGINIA INST. OF MARINE SCIENCE, GLOUCESTER POINT.  
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PB98-102304REB 98-01 PC A06/MF A01
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U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
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RACT/BACT/LAER Clearinghouse Information System (RBLIC). User's Manual.  
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- WEINMANN, F.**  
Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03
- WEINSTEIN, E.**  
Lost Source Exercise 1997: An Exercise of Radiological Response through Cooperation and Coordination of Local, State and Federal Agency Resources under the National Contingency Plan.  
NUREG-1634REB 98-04 PC A05/MF A01
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PB98-145600REB 98-03 PC A02/MF A01
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Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
PB98-111685REB 98-01 PC A21/MF A04
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PB98-165137REB 98-04 PC A09/MF A02  
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Exposure Factors Handbook. Volume 2, Food Ingestion Factors (Final Report).  
PB98-124233REB 98-02 PC A18/MF A03  
Exposure Factors Handbook, Volume 3, Activity Factors (Final Report).  
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Standard Operating Procedure for the Laboratory Analysis of Lead in Paint, Bulk Dust, and Soil by Ultrasonic, Acid Digestion and Inductively Coupled Plasma Emission Spectrometric Measurement.  
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Bioremediation of BTEX, Naphthalene, and Phenanthrene in Aquifer Material Using Mixed Oxygen/Nitrate Electron Acceptor Conditions.  
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PB98-132384REB 98-03 PC A07/MF A02
- ENV-5-F**  
Final Environmental Impact Statement for National Aeronautics and Space Administration Office of Space Science.  
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PB97-964608REB 98-04 PC A09/MF A02

**EPA/541/R-97/055**

Superfund Record of Decision (EPA Region 2): Jones Sanitation, Hyde Park, NY., March 31, 1997.  
PB97-963804REB 98-03 PC A08/MF A02

**EPA/541/R-97/056**

Superfund Record of Decision (EPA Region 2): Robintech, Inc., National Pipe Company, Town of Vestal, NY., July 25, 1997.  
PB97-963805REB 98-03 PC A08/MF A02

**EPA/541/R-97/057**

Superfund record of Decision (EPA Region 3): Crossley Farm, (Hereford Groundwater), Hereford, PA., June 30, 1997.  
PB97-963902REB 98-03 PC A04/MF A01

**EPA/541/R-97/058**

Superfund Record of Decision (EPA Region 3): Berks Landfill, Spring Township, PA., July 22, 1997.  
PB97-963903REB 98-04 PC A08/MF A02

**EPA/541/R-97/059**

Superfund Explanation of Significant Difference of the Record of Decision (EPA Region 10): Commencement Bay, Near Shore/Tide Flats, Operable Unit 01 - Sediments and Operable Unit 05 - Source, Pierce County, WA., July 28, 1997.  
PB97-963120REB 98-04 PC A07/MF A02

**EPA/541/R-97/060**

Superfund Record of Decision Amendment (EPA Region 10): Gould, Inc., Soils Operable Unit, Portland, OR., June 3, 1997.  
PB97-963121REB 98-04 PC A06/MF A01

**EPA/541/R-97/061**

Superfund Record of Decision (EPA Region 10): Fort Wainwright, Operable Unit 2, Fairbanks North Star Borough, AK., March 31, 1997.  
PB97-964609REB 98-04 PC A10/MF A03

**EPA/541/R-97/062**

Superfund Record of Decision Amendment (EPA Region 3): Recticon/Allied Steel Corp., East Coventry Twp., PA., August 29, 1997.  
PB97-963122REB 98-03 PC A03/MF A01

**EPA/541/R-97/063**

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 3 PSC 16 and PSC 17, Albany, GA., September 2, 1997.  
PB97-964012REB 98-03 PC A06/MF A01

**EPA/541/R-97/064**

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 1 PSC 1, PSC 2, PSC 3, and PSC 26, Albany, GA., September 2, 1997.  
PB97-964013REB 98-03 PC A08/MF A02

**EPA/541/R-97/065**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), (Union Valley Upper East Fork Poplar Creek Characterization Area), Oak Ridge, TN., July 10, 1997.  
PB97-964014REB 98-03 PC A05/MF A01

**EPA/541/R-97/066**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE) (Sludge Removal from the Gunite and Associated Tanks Operable Unit, Waste Area Grouping 1), Oak Ridge, TN., September 2, 1997.  
PB97-964015REB 98-03 PC A04/MF A01

**EPA/541/R-97/067**

Superfund Record of Decision Amendment (EPA Region 5): Clare Water Supply, Clare, MI., May 15, 1997.  
PB97-963123REB 98-03 PC A03/MF A01

**EPA/541/R-97/068**

Superfund Record of Decision Amendment (EPA Region 5): Arcanum Iron and Metal, Darke County, OH., June 18, 1997.  
PB97-963124REB 98-03 PC A08/MF A02

**EPA/541/R-97/069**

Superfund Record of Decision Amendment (EPA Region 5): United Scap Lead Co., Inc., Troy OH., June 27, 1997.  
PB97-963125REB 98-03 PC A09/MF A02

**EPA/541/R-97/070**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Fields Brook (Sediment Operable Unit), Ashtabula, OH., August 15, 1997.  
PB97-963126REB 98-03 PC A04/MF A01

**EPA/541/R-97/071**

Superfund Record of Decision (EPA Region 5): Reilly Tar and Chemical (Indianapolis Plant), Operable Unit 5, Indianapolis, IN., June 30, 1997.  
PB97-964103REB 98-03 PC A05/MF A01

**EPA/541/R-97/072**

Superfund Record of Decision (EPA Region 10): East Multnomah County Groundwater Contamination, Operable Unit 1, Multnomah County, OR., December 31, 1996.  
PB97-964610REB 98-04 PC A08/MF A02

**EPA/541/R-97/073**

Superfund Record of Decision (EPA Region 7): Cherokee County (Baxter Springs and Trece Subsites), Operable Unit 3/4, Cherokee County, KS., August 20, 1997.  
PB97-964302REB 98-03 PC A12/MF A03

**EPA/541/R-97/074**

Superfund Record of Decision (EPA Region 4): Sherwood Medical Industries, Operable Unit 3, Deland, FL., September 18, 1997.  
PB97-964016REB 98-03 PC A04/MF A01

**EPA/541/R-97/075**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Clinch River and Poplar Creek Operable Units, Oak Ridge, TN., September 23, 1997.  
PB97-964017REB 98-03 PC A05/MF A01

**EPA/541/R-97/076**

Superfund Record of Decision (EPA Region 4): Paducah Gaseous Diffusion Plant (USDOE) (Waste Area Group 17), Paducah, KY., September 29, 1997.  
PB97-964018REB 98-03 PC A04/MF A01

**EPA/541/R-97/077**

Superfund Record of Decision (EPA Region 5): Parsons Chemical Works, Inc., Grand Ledge, MI., September 30, 1997.  
PB97-964104REB 98-03 PC A06/MF A01

**EPA/541/R-97/078**

Superfund Record of Decision (EPA Region 5): Tippecanoe Sanitary Landfill, Inc., Lafayette, IN., September 30, 1997.  
PB97-964105REB 98-03 PC A05/MF A01

**EPA/541/R-97/079**

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 20 (Site 28 Soil and Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963806REB 98-03 PC A05/MF A01

**EPA/541/R-97/080**

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 21 (Areas A and B Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963807REB 98-03 PC A05/MF A01

**EPA/541/R-97/081**

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 24 (Area K Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963808REB 98-03 PC A04/MF A01

**EPA/541/R-97/082**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 10): Teledyne Wah Chang, Albany, OR., October 8, 1996.  
PB97-963128REB 98-04 PC A03/MF A01

**EPA/541/R-97/083**

Superfund Record of Decision (EPA Region 2): Federal Aviation Administration Technical Center, (Areas A, J, and N), Atlantic County, NJ., July 21, 1997.  
PB97-963809REB 98-03 PC A05/MF A01

**EPA/541/R-97/084**

Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (site A), Operable Unit 1, Colts Neck, NJ., September 25, 1997.  
PB97-963810REB 98-03 PC A06/MF A02

**EPA/541/R-97/085**

Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 2, Colts Neck, NJ., September 25, 1997.  
PB97-963811REB 98-03 PC A06/MF A01

**EPA/541/R-97/086**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Volney Municipal Landfill, Town of Volney, NY., August 7, 1997.  
PB97-963129REB 98-04 PC A03/MF A01

**EPA/541/R-97/087**

Superfund Record of Decision (EPA Region 3): Jacks Creek/Sitkin Smelting and Refinery Inc., Site, Village of Maitland, PA., September 30, 1997.  
PB97-963904REB 98-03 PC A06/MF A01

**EPA/541/R-97/088**

Superfund Record of Decision (EPA Region 3): North Penn - Area 12, Worcester Township, PA., September 30, 1997.  
PB97-963905REB 98-03 PC A09/MF A02

**EPA/541/R-97/089**

Superfund Record of Decision (EPA Region 3): Allegany Ballistics Laboratory (USNavy), Operable Unit 1, Mineral, WV., February 12, 1997.  
PB97-963906REB 98-03 PC A05/MF A01

**EPA/541/R-97/090**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Beach Point Test Site, Aberdeen Proving Ground, MD., September 24, 1997.  
PB97-963907REB 98-03 PC A05/MF A01

**EPA/541/R-97/091**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Watson Creek Sediment, O-Field Operable Unit, Aberdeen Proving Ground, MD., September 23, 1997.  
PB97-963908REB 98-03 PC A05/MF A01

**EPA/541/R-97/092**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Michaelsville Landfill), Aberdeen Proving Ground, MD., September 23, 1997.  
PB97-963909REB 98-03 PC A04/MF A01

**EPA/541/R-97/093**

Superfund Record of Decision (EPA Region 3): Marine Corps Combat Development Command (Site 4), Operable Unit 4, Quantico, VA., September 30, 1997.  
PB97-963910REB 98-03 PC A05/MF A01

**EPA/541/R-97/094**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Bendix Flight Systems Division, South Montrose, PA., November 22, 1996.  
PB97-963130REB 98-03 PC A02/MF A01

**EPA/541/R-97/095**

Superfund Record of Decision (EPA Region 4): Cecil Field Naval Air Station, Operable Unit 4, Jacksonville, FL., September 30, 1997.  
PB97-964019REB 98-03 PC A04/MF A01

**EPA/541/R-97/096**

Superfund Record of Decision (EPA Region 3): Tobyhanna Army Depot, Operable Unit 1, Tobyhanna, PA., September 30, 1997.  
PB97-963911REB 98-03 PC A07/MF A02

**EPA/541/R-97/097**

Superfund Record of Decision (EPA Region 5): Tomah Army Landfill, Tomah, WI., September 23, 1997.  
PB97-964106REB 98-03 PC A05/MF A01

**EPA/541/R-97/098**

Superfund Record of Decision (EPA Region 5): Tomah Municipal Sanitary Landfill, Tomah, WI., September 25, 1997.  
PB97-964107REB 98-03 PC A05/MF A01

**EPA/541/R-97/099**

Superfund Record of Decision (EPA Region 5): South Point Plant Site, South Point, OH., September 26, 1997.  
PB97-964108REB 98-03 PC A05/MF A01

**EPA/541/R-97/100**

Superfund Record of Decision (EPA Region 5): Marion (Bragg) Dump Site, Operable Units 2 and 3, Marion, IN., September 30, 1997.  
PB97-964109REB 98-03 PC A05/MF A01

**EPA/541/R-97/101**

Superfund Record of Decision Amendment (EPA Region 10): Hanford Site - 200 Area (USDOE), Benton County, WA., September 25, 1997.  
PB97-963136REB 98-04 PC A04/MF A01

**EPA/541/R-97/102**

Superfund Record of Decision (EPA Region 1): Davis Gloucester-Smithfield Regional (GSR) Landfill Site, Gloucester-Smithfield, RI., September 29, 1997.  
PB97-963703REB 98-03 PC A10/MF A02

**EPA/541/R-97/103**

Superfund Record of Decision (EPA Region 2): Global Sanitary Landfill Operable Unit 2, Old Bridge Township, NJ., September 29, 1997.  
PB97-963812REB 98-03 PC A07/MF A02

**EPA/541/R-97/104**

Superfund Record of Decision (EPA Region 2): Higgins Disposal Site Operable Unit 1, Kingston, NJ., September 30, 1997.  
PB97-963813REB 98-03 PC A10/MF A02

**EPA/541/R-97/105**

Superfund Record of Decision (EPA Region 2): Janssen Inc., Operable Unit 1, Gurabo, PR., September 30, 1997.  
PB97-963814REB 98-03 PC A06/MF A01

**EPA/541/R-97/106**

Superfund Record of Decision Amendment (EPA Region 2): Preferred Plating Corp., Farmingdale, NY., September 30, 1997.  
PB97-963131REB 98-03 PC A08/MF A02

**EPA/541/R-97/107**

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 2): Curcio Scrap Metal Inc., Operable Unit 2, Saddle Brook, NJ., September 30, 1997.  
PB97-963815REB 98-03 PC A06/MF A01



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<b>EPA/541/R-97/109</b> Superfund Record of Decision (EPA Region 2): Richardson Hill Road Landfill/Pond, Sidney Center, NY., September 30, 1997. PB97-963817REB 98-03 PC A07/MF A02	<b>EPA/541/R-97/131</b> Superfund Record of Decision (EPA Region 9): Del Amo Facility Waste Pits Operable Unit, Los Angeles, CA., September 5, 1997. PB97-964509REB 98-04 PC A15/MF A03	<b>EPA/541/R-97/152</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 6): PAB Oil and Chemical Service Inc., Abbeville, LA., March 12, 1997. PB97-963145REB 98-03 PC A03/MF A01
<b>EPA/541/R-97/110</b> Superfund Record of Decision Amendment (EPA Region 4): Homestead AFB, FL., August 18, 1997. PB97-963132REB 98-03 PC A04/MF A01	<b>EPA/541/R-97/132</b> Superfund Record of Decision (EPA Region 9): Iron Mountain Mine, Redding, CA., September 30, 1997. PB97-964510REB 98-04 PC A07/MF A02	<b>EPA/541/R-97/153</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 6): Crystal Chemical Co., Houston, TX., March 19, 1997. PB97-963146REB 98-03 PC A04/MF A01
<b>EPA/541/R-97/111</b> Superfund Record of Decision (EPA Region 8): Ellsworth Air Force Base, Operable Unit 11, Ellsworth Air Force Base, SD., April 28, 1997. PB97-964401REB 98-03 PC A06/MF A01	<b>EPA/541/R-97/133</b> Superfund Record of Decision (EPA Region 9): Modesto Groundwater Contamination, Modesto, CA., September 26, 1997. PB97-964511REB 98-03 PC A08/MF A02	<b>EPA/541/R-97/154</b> Superfund Record of Decision (EPA Region 5): Sangamo Electric/Crab Orchard National Wildlife Refuge, Carterville, IL., February 19, 1997. PB97-964116REB 98-03 PC A07/MF A02
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<b>EPA/541/R-97/113</b> Superfund Record of Decision (EPA Region 5): J and L Landfill, Operable Unit 2, Rochester Hills, MI., September 30, 1997. PB97-964111REB 98-03 PC A06/MF A01	<b>EPA/541/R-97/135</b> Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Units 2A and 3A (No Action Sites), El Toro, CA., September 29, 1997. PB97-964513REB 98-04 PC A10/MF A02	<b>EPA/541/R-97/156</b> Superfund Record of Decision (EPA Region 5): Madison Metropolitan Sewerage District, Blooming Grove, WI., March 31, 1997. PB97-964118REB 98-03 PC A05/MF A01
<b>EPA/541/R-97/114</b> Superfund Record of Decision (EPA Region 5): Scrap Processing Co., Inc., Madford, WI., September 30, 1997. PB97-964112REB 98-03 PC A05/MF A01	<b>EPA/541/R-97/136</b> Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Unit 2A (Site 24-VOC Source Area Vadose Zone), El Toro, CA., September 29, 1997. PB97-964514REB 98-04 PC A11/MF A03	<b>EPA/541/R-97/157</b> Superfund Record of Decision (EPA Region 1): Davisville Naval Construction Battalion Center, Site 09, North Kingstown, RI., September 29, 1997. PB97-963704REB 98-03 PC A15/MF A03
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<b>EPA/541/R-97/117</b> Superfund Record of Decision (EPA Region 5): Bendix Corp/Allied Automotive, St. Joseph, MI., September 30, 1997. PB97-964115REB 98-03 PC A06/MF A01	<b>EPA/541/R-97/139</b> Superfund Record of Decision (EPA Region 2): Naval Security Group Activity, Operable Unit 3 (Sites 1 and 3), Sabana Seca, PR., September 30, 1997. PB97-963819REB 98-03 PC A05/MF A01	<b>EPA/541/R-97/160</b> Superfund Record of Decision (EPA Region 1): Fort Devens-Sudbury Training Annex (Areas of Contamination A4, A7, and A9), Middlesex County, MA., September 30, 1997. PB97-963707REB 98-04 PC A08/MF A02
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<b>EPA/541/R-97/126</b> Superfund Record of Decision (EPA Region 6): Tar Creek (Ottawa County), Operable Unit 2, Ottawa County, OK., August 27, 1997. PB97-964206REB 98-03 PC A13/MF A03	<b>EPA/541/R-97/148</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Revers Chemical Co., Nockamixon Township, PA., March 25, 1997. PB97-963141REB 98-03 PC A02/MF A01	<b>EPA/541/R-97/169</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Powell Road Landfill, Dayton, OH., August 13, 1997. PB97-963151REB 98-03 PC A03/MF A01
<b>EPA/541/R-97/127</b> Superfund Record of Decision (EPA Region 9): Agriculture Street Landfill, Operable Unit 4 and 5, New Orleans, LA., September 2, 1997. PB97-964207REB 98-03 PC A12/MF A03	<b>EPA/541/R-97/149</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 3): Mill Creek Dump, Erie, PA., April 30, 1997. PB97-963142REB 98-03 PC A02/MF A01	<b>EPA/541/R-97/170</b> Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Janesville Ash Beds and Janesville Old Landfill, Janesville, WI., September 17, 1997. PB97-963152REB 98-03 PC A03/MF A01
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<b>EPA/541/R-97/129</b> Superfund Record of Decision (EPA Region 9): Moffett Naval Air Station, Operable Unit 1, Sunnyvale, CA., August 14, 1997. PB97-964507REB 98-04 PC A11/MF A03		

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Superfund Record of Decision Amendment (EPA Region 5): Allied Chemical and Ironton Coke, Ironton, OH., September 4, 1997.  
PB97-963155REB 98-03 PC A03/MF A01
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PB97-963912REB 98-03 PC A06/MF A01
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PB97-963913REB 98-03 PC A05/MF A01
- EPA/541/R-97/176**  
Superfund Record of Decision (EPA Region 3): Dover Air Force Base (WP 14 and LF 15), Dover, DE., September 30, 1997.  
PB97-963914REB 98-03 PC A05/MF A01
- EPA/541/R-97/177**  
Superfund Record of Decision (EPA Region 3): Dover Air Force Base (FT 03), Dover, DE., September 30, 1997.  
PB97-963915REB 98-03 PC A05/MF A01
- EPA/541/R-97/178**  
Superfund Record of Decision (EPA Region 3): Naval Air Development Center (8 Areas), Operable Unit 4, Warminster Township, PA., September 30, 1997.  
PB97-963916REB 98-04 PC A04/MF A01
- EPA/541/R-97/179**  
Superfund Record of Decision (EPA Region 3): Naval Surface Warfare-Dahlgren Site 2, Dahlgren, VA., September 29, 1997.  
PB97-963917REB 98-03 PC A05/MF A01
- EPA/541/R-97/180**  
Superfund Record of Decision (EPA Region 3): Naval Surface Warfare-Dahlgren Site 12, Dahlgren, VA., September 30, 1997.  
PB97-963918REB 98-03 PC A05/MF A01
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PB97-963919REB 98-03 PC A10/MF A03
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Superfund Record of Decision (EPA Region 4): Aberdeen Pesticide Dumps, Operable Unit 5, Aberdeen, NC., September 16, 1997.  
PB97-964020REB 98-03 PC A06/MF A02
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Superfund Record of Decision Amendment (EPA Region 4): Arlington Blending and Packaging, Arlington, TN., July 24, 1997.  
PB97-963156REB 98-04 PC A08/MF A02
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PB97-963157REB 98-04 PC A06/MF A01
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Superfund Record of Decision (EPA Region 4): FCX Inc., (Washington Plant), Washington, NC., December 18, 1996.  
PB97-964021REB 98-03 PC A04/MF A01
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PB97-964022REB 98-03 PC A04/MF A01
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PB97-964023REB 98-03 PC A04/MF A01
- EPA/541/R-97/191**  
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PB97-964516REB 98-04 PC A15/MF A03
- EPA/541/R-97/192**  
Superfund Record of Decision (EPA Region 2): Vega Alta Public Supply Wells, Operable Unit 2, Vega Alta P.R., September 30, 1997.  
PB97-963821REB 98-03 PC A12/MF A03
- EPA/541/R-97/193**  
Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 8, Cheyenne, WY., November 21, 1997.  
PB97-964403REB 98-04 PC A04/MF A01
- EPA/541/R-97/194**  
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PB97-964404REB 98-03 PC A04/MF A01
- EPA/541/R-97/195**  
Superfund Record of Decision (EPA Region 8): Rocky Flats Plant (USDOE), Operable Unit 1, Golden, CO., February 27, 1997.  
PB97-964405REB 98-03 PC A04/MF A01
- EPA/541/R-97/196**  
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PB97-964406REB 98-03 PC A04/MF A01
- EPA/541/R-97/197**  
Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 6, Ogden, UT., September 30, 1997.  
PB97-964407REB 98-03 PC A07/MF A02
- EPA/541/R-97/198**  
Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 8, Ogden UT., September 30, 1997.  
PB97-964408REB 98-03 PC A07/MF A02
- EPA/541/R-97/199**  
Superfund Record of Decision (EPA Region 10): East Multnomah County Ground Water Contamination, Operable Unit 2, Multnomah County, OR., December 31, 1996.  
PB97-964611REB 98-04 PC A07/MF A02
- EPA/541/R-97/200**  
Superfund Record of Decision (EPA Region 10): Boonsrub/Airco Site-Wide Ground Water Operable Unit, Vancouver, WA., September 29, 1997.  
PB97-964612REB 98-04 PC A09/MF A02
- EPA/541/R-97/201**  
Superfund Record of Decision (EPA Region 10): Old Navy Dump Manchester Laboratory (USEPA/NOAA), Manchester, WA., September 30, 1997.  
PB97-964613REB 98-04 PC A07/MF A02
- EPA/541/R-97/202**  
Superfund Record of Decision (EPA Region 10): Fort Richardson (USArmy), Operable Units A and B, Anchorage, AK., September 15, 1997.  
PB97-964614REB 98-04 PC A09/MF A02
- EPA/541/R-97/203**  
Superfund Record of Decision (EPA Region 4): North Belmont PCE Site, North Belmont, NC., September 24, 1997.  
PB97-964024REB 98-03 PC A09/MF A02
- EPA/541/R-97/204**  
Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 17 L-Area Oil and Chemical Basin (904-83G) and L-Area Acid Caustic Basin (904-79G), Aiken, SC., September 30, 1997.  
PB97-964031REB 98-03 PC A07/MF A02
- EPA/541/R-97/205**  
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PB97-964032REB 98-03 PC A05/MF A01
- EPA/541/R-97/206**  
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PB97-964517REB 98-03 PC A05/MF A01
- EPA/541/R-97/207**  
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PB97-964025REB 98-03 PC A04/MF A01
- EPA/541/R-97/209**  
Superfund Record of Decision (EPA Region 4): Pensacola Naval Air Station, Operable Unit 10, Pensacola, FL., September 15, 1997.  
PB97-964027REB 98-04 PC A08/MF A02
- EPA/541/R-97/210**  
Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 14, Oak Ridge, TN., September 25, 1997.  
PB97-964028REB 98-03 PC A06/MF A02
- EPA/541/R-97/211**  
Superfund Record of Decision (EPA Region 4): Camp Lejeune Military Reservation, Operable Unit 12 (Site 3), Onslow County, NC., May 15, 1997.  
PB97-964029REB 98-03 PC A08/MF A02
- EPA/541/R-97/212**  
Superfund Record of Decision (EPA Region 4): Camp Lejeune Military Reservation, Operable Unit 13 (Site 63), Onslow County, NC., May 15, 1997.  
PB97-964030REB 98-03 PC A06/MF A01
- EPA/542/B-98/006**  
Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies. First Edition.  
PB98-161185REB 98-04 PC A06/MF A01
- EPA/542/R-97/008**  
Remediation Case Studies: Bioremediation and Vitrification. Volume 5.  
PB97-177554REB 98-01 PC A13/MF A03
- EPA/542/R-97/009**  
Remediation Case Studies: Soil Vapor Extraction and Other In situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03
- EPA/542/R-98/002**  
NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02
- EPA/550/B-96/015**  
Title III List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act, as Amended. Title III of the Superfund Amendments and Reauthorization Act of 1986, and Title III of the Clean Air Act Amendments of 1990.  
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- EPA/600/A-97/080**  
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- EPA/600/A-97/081**  
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- EPA/600/A-97/082**  
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- EPA/600/A-97/084**  
Chromium Biotreatment in Soil, Chapter 6.  
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- EPA/600/A-97/085**  
Metal Partitioning in Combustion Processes.  
PB98-116437REB 98-02 PC A03/MF A01
- EPA/600/A-97/086**  
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- EPA/600/A-97/088**  
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PB98-153125REB 98-04 PC A10/MF A02
- EPA/738/R-98/009**  
Reregistration Eligibility Decision (RED): Butralin. (Includes RED Facts: Butralin Fact Sheet).  
PB98-153109REB 98-04 PC A09/MF A02
- EPA/738/S-98/001**  
Environmental Protection Agency's White Paper on 'Bacillus thuringiensis' Plant-Pesticide Resistance Management.  
PB98-153133REB 98-04 PC A06/MF A01
- EPA/744/C-98/001**  
Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM).  
PB98-502404REB 98-04 Mag Tape \$454.00
- EPA/744/C-98/002**  
Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette).  
PB98-502412REB 98-04 Diskette \$161.00
- EPA/744/C-98/003**  
Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette).  
PB98-502388REB 98-04 CP D01
- EPA/747/R-98/012**  
Conversion Equations for Use in Section 403 Rulemaking.  
PB98-159429REB 98-04 PC A09/MF A02
- EPA/747/R-97/006**  
Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 2. Appendices B to G.  
PB98-155666REB 98-04 PC A10/MF A02
- EPA/747/R-97/008**  
Risk Analysis to Support Standards for Lead in Paint, Dust, and Soil. Volume 1. Chapters 1 to 7. Appendix A.  
PB98-155674REB 98-04 PC A17/MF A03
- EPA/810/F-97/002**  
Safe Drinking Water Act, One Year Later. Success in Advancing Public Health Protection.  
PB98-104029REB 98-01 PC A03/MF A01
- EPA/815/B-97/003**  
Information Pertaining to Lead in Drinking Water at Transient Non-Community Water Systems.  
PB98-144769REB 98-03 PC A05/MF A01
- EPA/815/B-97/004**  
Effect of Temperature on Corrosion Control.  
PB98-144777REB 98-03 PC A06/MF A01
- EPA/815/B-97/002**  
Small System Compliance Technology List for the Surface Water Treatment Rule.  
PB98-104045REB 98-01 PC A04/MF A01
- EPA/815/B-98/004**  
Waterborne Disease Workshop. Held in Arlington, Virginia on October 9-10, 1997. Meeting Summary.  
PB98-169758REB 98-04 PC A06/MF A01
- EPA/815/R-98/005**  
U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
PB98-169766REB 98-04 PC A04/MF A01
- EPA/815/R-98/009**  
Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-169774REB 98-04 PC A03/MF A01
- EPA/815/Z-98/004**  
Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules.  
PB98-144735REB 98-03 PC A03/MF A01
- EPA/816/D-97/003**  
Information for the Public on Participating with States in Preparing Capacity Development Strategies.  
PB98-133333REB 98-02 PC A03/MF A01
- EPA/816/R-97/008**  
State Methods for Delineating Source Water Protection Areas for Surface Water Supplied Sources of Drinking Water.  
PB98-104037REB 98-01 PC A04/MF A01
- EPA/816/R-97/012**  
Delineation of Source Water Protection Areas, a Discussion for Managers. Part 1. A Conjunctive Approach for Ground Water and Surface Water.  
PB98-133267REB 98-02 PC A04/MF A01
- EPA/816/R-97/013**  
Ambient Ground Water Quality Monitoring Cost Analysis.  
PB98-133259REB 98-02 PC A05/MF A01
- EPA/816/R-98/001**  
Information for States on Recommended Operator Certification Requirements.  
PB98-133317REB 98-02 PC A16/MF A03
- EPA/816/R-98/002**  
Information for States on Developing Affordability Criteria for Drinking Water.  
PB98-133325REB 98-02 PC A05/MF A01
- EPA/816/R-98/003**  
National Public Water System Supervision Program: FY96 Compliance Report.  
PB98-147358REB 98-03 PC A05/MF A01
- EPA/816/R-98/006**  
Guidance on Implementing the Capacity Development Provisions of the Safe Drinking Water Act Amendments of 1996.  
PB98-169808REB 98-04 PC A05/MF A01
- EPA/816/R-98/010**  
Hypothetical State Programs for Ensuring That All New Community Water Systems and Non-Transient Non-Community Water Systems Demonstrate Technical, Managerial and Financial Capacity.  
PB98-169733REB 98-04 PC A03/MF A01
- EPA/816/Z-98/004**  
Federal Register Volume 63, Number 89, Friday, May 8, 1998, Notices. Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment.  
PB98-144728REB 98-03 PC A02/MF A01
- EPA/820/B-96/001**  
Water Quality Criteria Documents for the Protection of Aquatic Life in Ambient Water.  
PB98-153067REB 98-04 PC A07/MF A02
- EPA/820/B-97/001**  
Catalog of Publications: Office of Science and Technology, 1997 Edition.  
PB98-102692REB 98-01 PC A08/MF A02
- EPA/821/B-97/005**  
Economic and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-154040REB 98-04 PC A06/MF A02
- EPA/821/B-97/006**  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-152887REB 98-04 PC A05/MF A01
- EPA/821/B-97/008**  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
PB98-126675REB 98-02 PC A05/MF A01
- EPA/821/B-97/009**  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors. Volume 1.  
PB98-153190REB 98-04 PC A06/MF A02
- EPA/821/B-97/010**  
Economic Analysis and Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustors.  
PB98-152879REB 98-04 PC A07/MF A02
- EPA/821/B-97/011**  
Development Document for Proposed Effluent Limitations Guidelines and Standards for Industrial Waste Combustor Subcategory of the Waste Combustors Point Source Category.  
PB98-153182REB 98-04 PC A12/MF A03
- EPA/821/B-98/011**  
Development Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161201REB 98-04 PC A21/MF A04
- EPA/821/B-98/012**  
Economic Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161219REB 98-04 PC A22/MF A04
- EPA/821/B-98/013**  
Cost-Effectiveness Analysis of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161227REB 98-04 PC A08/MF A02
- EPA/821/B-98/014**  
Statistical Support Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
PB98-161235REB 98-04 PC A11/MF A03
- EPA/821/B-98/015**  
Environmental Assessment of Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category. Volume 1. Final Report.  
PB98-161243REB 98-04 PC A09/MF A02
- EPA/821/B-98/017**  
Pollution Prevention (P2) Guidance Manual for the Pesticide Formulating, Packaging, and Repackaging Industry: Implementing the P2 Alternative.  
PB98-163033REB 98-04 PC A15/MF A03
- EPA/821/R-97/005**  
Cost-Effectiveness Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Landfills Point Source Category.  
PB98-115140REB 98-01 PC A05/MF A01
- EPA/821/R-97/006**  
Statistical Support Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Landfills Point Source Category.  
PB98-115157REB 98-01 PC A07/MF A02
- EPA/821/R-97/007**  
Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Landfills Point Source Category.  
PB98-115272REB 98-01 PC A20/MF A04
- EPA/821/R-97/008**  
Economic Assessment for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Landfills Point Source Category.  
PB98-115249REB 98-01 PC A15/MF A03

- EPA/821/R-97/009**  
Water Quality Benefits Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115132REB 98-01 PC A06/MF A01
- EPA/821/R-97/022**  
Development Document for Proposed Effluent Limitations Guidelines and Standards for the Landfills Point Source Category.  
PB98-153166REB 98-04 PC A22/MF A04
- EPA/821/R-97/023**  
Method 1622: 'Cryptosporidium' in Water by Filtration/IMS/FA.  
PB98-153059REB 98-04 PC A05/MF A01
- EPA/822/D-97/001**  
Ambient Aquatic Life Water Quality Criteria 'Tributyltin'.  
PB98-103229REB 98-01 PC A09/MF A02
- EPA/822/F-97/008**  
Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
PB98-153026REB 98-04 PC A04/MF A01
- EPA/822/F-97/009**  
Drinking Water Advisory: Consumer Acceptability Advice and Health Effects Analysis on Methyl Tertiary-Butyl Ether (MTBE).  
PB98-126667REB 98-02 PC A02/MF A01
- EPA/822/R-96/003**  
Technical Support Document for the Round Two Sewage Sludge Pollutants.  
PB98-126071REB 98-02 PC A21/MF A04
- EPA/822/R-96/001**  
Investigation of Alternative Means for Demonstrating Sewage Sludge Incinerator Compliance with Total Hydrocarbon Emission Standards.  
PB98-154024REB 98-04 PC A12/MF A03
- EPA/822/R-98/002**  
National Strategy for the Development of Regional Nutrient Criteria.  
PB98-163017REB 98-04 PC A05/MF A01
- EPA/822/R-98/003**  
Water Quality Criteria and Standards Plan: Priorities for the Future.  
PB98-163025REB 98-04 PC A05/MF A01
- EPA/823/B-97/009**  
Guidance for Assessing Chemical Contaminant Data for Use in Fish Advisories. Volume 2. Risk Assessment and Fish Consumption Limits. Second Edition.  
PB98-102734REB 98-01 PC A21/MF A04
- EPA-823-B-98-004**  
Evaluation of Dredged Material Proposed For Discharge in Waters of the U.S. - Testing Manual. Inland Testing Manual.  
AD-A338 8832REB 98-03 PC A25/MF A04
- EPA/823/F-97/007**  
Fact Sheet Update: Listing of Fish and Wildlife Advisories.  
PB98-102932REB 98-01 PC A02/MF A01
- EPA/823/F-98/009**  
Update: Listing of Fish and Wildlife and Advisories, March 1998. Fact Sheet.  
PB98-153174REB 98-04 PC A02/MF A01
- EPA/823/N-97/005**  
Water Quality Criteria and Standards Newsletter. Spring and Summer 1997.  
PB98-103237REB 98-01 PC A03/MF A01
- EPA/823/R-97/005**  
Assessment of Sediments from the Upper Mississippi River.  
PB98-115165REB 98-01 PC A08/MF A02
- EPA/823/R-97/006**  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 1. National Sediment Quality Survey.  
PB98-126063REB 98-02 PC A15/MF A03
- EPA/823/R-97/007**  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 2. Data Summaries for Areas of Probable Concern.  
PB98-126691REB 98-02 PC A99/MF A06
- EPA/823/R-97/008**  
Incidence and Severity of Sediment Contamination in Surface Waters of the United States. Volume 3. National Sediment Contaminant Point Source Inventory.  
PB98-126683REB 98-02 PC A09/MF A02
- EPA/823/R-98/001**  
EPA's Contaminated Sediment Management Strategy.  
PB98-153208REB 98-04 PC A08/MF A02
- EPA/823/R-98/002**  
National Sediment Bioaccumulation Conference. Proceedings. Held in Bethesda, Maryland on September 11-13, 1996.  
PB98-153141REB 98-04 PC A17/MF A03
- EPA/823/R-98/003**  
Bacterial Water Quality Standards for Recreational Waters (Freshwater and Marine Waters). Status Report.  
PB98-153075REB 98-04 PC A04/MF A01
- EPA/823/R-98/004**  
National BEACH Conference. Held in Annapolis, Maryland on October 15-16, 1997. Report on Action Items.  
PB98-152994REB 98-04 PC A03/MF A01
- EPA/831/D-97/002**  
Information for States on Implementing the Capacity Development Provisions of the Safe Drinking Water Act.  
PB98-133366REB 98-02 PC A09/MF A02
- EPA/832/B-98/001**  
Nomination Guidance: 1998 Beneficial Use of Biosolids Awards Program; for Operating Projects, Technology Development, Research, and Public Acceptance.  
PB98-133242REB 98-02 PC A03/MF A01
- EPA/832/D-98/001**  
Water Conservation Plan Guidelines.  
PB98-169741REB 98-04 PC A11/MF A03
- EPA/832/F-97/004**  
Federal Funding Sources for Small Community Wastewater Systems.  
PB98-133309REB 98-02 PC A04/MF A01
- EPA/832/K-97/002**  
Answers to Frequently Asked Questions about the U.S. EPA Clean Water Indian Set-Aside Grant Program.  
PB98-133218REB 98-02 PC A03/MF A01
- EPA/832/R-95/007**  
Sanitary Sewer Overflow Workshop. Held in Washington, DC, on April 26-28, 1995.  
PB98-169972REB 98-04 PC A11/MF A03
- EPA/832/R-97/001A**  
Response to Congress on Privatization of Wastewater Facilities.  
PB98-133234REB 98-02 PC A04/MF A01
- EPA/832/R-97/003**  
Clean Water Needs Survey Report to Congress, 1996. Assessment of Needs for Publicly Owned Wastewater Treatment Facilities. Correction of Combined Sewer Overflows and Management of Storm Water and Nonpoint Source Pollution in the United States.  
PB98-133226REB 98-02 PC A07/MF A02
- EPA/832/R-97/004**  
Clean Water State Revolving Fund: Practical Approaches to Improving Pace. Hands on Approaches.  
PB98-133275REB 98-02 PC A04/MF A01
- EPA/832/R-98/001**  
Outreach and Technical Assistance Programs. 1997 Accomplishments; Small Underserved Communities Team.  
PB98-169790REB 98-04 PC A03/MF A01
- EPA/833/F-98/003**  
Water Pollution Control: Twenty-Five Years of Progress and Challenges for the New Millennium.  
PB98-169782REB 98-04 PC A02/MF A01
- EPA/833/Z-98/001**  
Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules. Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule.  
PB98-144710REB 98-03 PC A07/MF A02
- EPA/842/F-98/002K**  
National Estuary Program: A Ten-Year Perspective. Demonstrating Practical Tools for Watershed Management through the National Estuary Program.  
PB98-152937REB 98-04 PC A02/MF A01
- EPA/903/B-97/005**  
Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments.  
PB98-115587REB 98-01 PC A08/MF A02
- EPA/903/R-97/018**  
Integrating Build-Out Analysis and Water Quality Modeling to Predict the Environmental Impacts of Alternative Development Scenarios.  
PB98-130974REB 98-02 PC A08/MF A02
- EPA/903/R-97/025**  
Havre de Grace Heritage Corridor Plan, September 1997.  
PB98-103005REB 98-01 PC A05/MF A01
- EPA/903/R-97/028**  
Analyzing Nonpoint Source Water Pollution Problems: Nutrient Control Policies in the Chesapeake Bay States.  
PB98-105422REB 98-01 PC A05/MF A01
- EPA/903/R-97/032**  
Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997.  
PB98-118441REB 98-02 PC A07/MF A02
- EPA/903/R-97/033**  
Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.  
PB98-123243REB 98-02 PC A11/MF A03
- EPA/903/R-98/001**  
Catfish Populations in Chesapeake Bay.  
PB98-123235REB 98-02 PC A05/MF A01
- EPA/903/R-98/002**  
Protecting Wetlands 2: Technical and Financial Assistance Programs for Local Governments in the Chesapeake Bay Region.  
PB98-133416REB 98-02 PC A07/MF A02
- EPA/903/R-98/003**  
Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix B. Phase 4 Chesapeake Bay Watershed Model Water Quality Calibration Results.  
PB98-141500REB 98-03 PC A99/MF A06
- EPA/903/R-98/004**  
Chesapeake Bay Watershed Model Application and Calculation of Nutrient and Sediment Loadings. Appendix A. Phase 4 Chesapeake Bay Watershed; Model Hydrology Calibration Results.  
PB98-126048REB 98-02 PC A10/MF A02
- EPA/903/R-98/005**  
Acute and Chronic Toxicity of Copper to the Estuarine Copepod 'Eurytemora affinis'.  
PB98-126055REB 98-02 PC A04/MF A01
- EPA/903/R-98/008**  
Ambient Toxicity Testing in Chesapeake Bay, 5 Year Report.  
PB98-130982REB 98-02 PC A08/MF A02
- EPA/903/R-98/011**  
Who Pays for Sprawl: The Economic, Social, and Environmental Impacts of Sprawl Development: A Literature Review.  
PB98-141120REB 98-03 PC A04/MF A01
- EPA/903/R-98/013**  
Comprehensive List of Chesapeake Bay Basin Species, 1998.  
PB98-141476REB 98-03 PC A07/MF A02
- EPA/903/R-98/015**  
Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report.  
PB98-167414REB 98-04 PC A04/MF A01
- EPA/905/B-97/001**  
Illegal Dumping Prevention Guidebook.  
PB98-158611REB 98-04 PC A04/MF A01
- EPA/905/R-92/007**  
Development of Index of Biotic Integrity Expectations for the Ecoregions of Indiana II. Huron-Erie Lake Plain (December 1994).  
PB98-148828REB 98-03 PC A09
- EPA/905/R-96/007**  
Biological Characterization of the Middle Fork Anderson River, Perry County, Indiana.  
PB98-148810REB 98-03 PC A05
- EPA/908/R-98/001**  
Veterans Affairs Medical Center Pollution Prevention Assessment.  
PB98-159767REB 98-04 PC A05/MF A01
- EPA/910/R-98/007**  
Asian and Pacific Islander Seafood Consumption Study: Exposure Information Obtained through a Community-Centered Approach. Planning Phase.  
PB98-119100REB 98-02 PC A18/MF A04
- EPA/910/R-97/007**  
Wetland and Riparian Restoration: Taking a Broader View. Contributed Papers and Selected Abstracts, Society for Ecological Restoration International Conference. Held in Seattle, Washington on September 14-16, 1995.  
PB98-152705REB 98-04 PC A16/MF A03
- EPA/910/R-98/001**  
Developing Risk-Based Cleanup Levels at Resource Conservation and Recovery Act Sites in Region 10. Interim Final Guidance.  
PB98-131899REB 98-02 PC A25/MF A04
- EPA/910/R-98/003**  
Alaska Placer Mining Metals Study.  
PB98-145998REB 98-03 PC A13/MF A03
- FCR-13524E-V1**  
Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 1. Technical Report.  
PB98-127368REB 98-02 PC A07/MF A02
- FCR-13524E-V2**  
Demonstration of Fuel Cells to Recover Energy from Landfill Gas. Phase 3. Demonstration Tests and Phase 4. Guidelines and Recommendations. Volume 2. Appendices.  
PB98-127376REB 98-02 PC A24/MF A04
- IEPA/BOL-98/008**  
Nonhazardous Solid Waste Management and Landfill Capacity in Illinois: 1996.  
PB98-167844REB 98-04 PC A13/MF A03
- IEPA/BOW/97/007**  
Lake Michigan Water Quality Report 1992-1993.  
PB98-123052REB 98-02 PC A08/MF A02
- IEPA/BOW/97/016**  
Evaluation of Illinois Seived Stream Sediment Data 1982-1995.  
PB98-125214REB 98-02 PC A04/MF A01
- IEPA/BOW/97/018**  
Volunteer Lake Monitoring Program 1996. Volume 1. Statewide Summary Report.  
PB98-107618REB 98-01 PC A14/MF A03
- IEPA/BOW/97/024**  
Assessment of Waukegan Harbor Sediment Contamination, April 1996.  
PB98-139249REB 98-03 PC A03/MF A01
- IEPA/ENV/97/014**  
Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995.  
PB98-113640REB 98-01 PC A06/MF A01
- IEPA/ENV/98-004**  
ERMS Guidebook: Cleaner Air, Reduced Cost, Illinois EPA.  
PB98-141484REB 98-03 PC A03/MF A01
- IEPA/LABS-97/020**  
Combined Lists of Environmental Laboratories.  
PB98-104060REB 98-01 PC A04/MF A01
- IEPA/LABS-98/005**  
Combined Lists of Environmental Laboratories (May 1998).  
PB98-148661REB 98-03 PC A04/MF A01
- IEPA/WPC/92-002**  
Intensive Survey of the Big Bureau Creek Watershed, 1990.  
PB98-123045REB 98-02 PC A04/MF A01

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- guard the Natural Environment: Air, Water, and Land, upon Which Life Depends.  
PB98-130487REB 98-03 PC A07/MF A02
- ISBN-0-16-048394-3**  
Profile of the Ground Transportation Industry: Trucking, Railroad and Pipeline. EPA Office of Compliance Sector Notebook Project.  
PB98-143456REB 98-03 PC A08/MF A02
- ISBN-0-16-049395-1**  
Profile of the Water Transportation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143399REB 98-03 PC A06/MF A02
- ISBN-0-16-048396-X**  
Profile of the Metal Casting Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143381REB 98-03 PC A09/MF A02
- ISBN-0-16-049397-8**  
Profile of the Pharmaceutical Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143431REB 98-03 PC A09/MF A02
- ISBN-0-16-049398-6**  
Profile of the Plastic Resin and Man-Made Fiber Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143449REB 98-03 PC A10/MF A02
- ISBN-0-16-048399-4**  
Profile of the Fossil Fuel Electric Power Generation Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143423REB 98-03 PC A09/MF A02
- ISBN-0-16-049400-1**  
Profile of the Shipbuilding and Repair Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143407REB 98-03 PC A08/MF A02
- ISBN-0-16-049401-X**  
Profile of the Textile Industry. EPA Office of Compliance Sector Notebook Project.  
PB98-143373REB 98-03 PC A08/MF A02
- KTC-87-24**  
Kentucky Transportation Cabinet: Annual Assessment of Customer Needs and Satisfaction: Mail Survey Report.  
PB98-131345REB 98-02 PC A06/MF A01
- KYSFR-88-175**  
Kentucky Transportation Cabinet: Annual Assessment of Customer Needs and Satisfaction: Mail Survey Report.  
PB98-131345REB 98-02 PC A06/MF A01
- LGST-8711021**  
Federal Remediation Technologies Screening Matrix and Reference Guide. Third Edition.  
PB98-108590REB 98-02 PC A99/MF E08
- N19870027271REB**  
Show Me the Technology: Institutional Barriers to Environmental Technology Transfer.  
N19870027271REB 98-01  
(Order as N19970027257REB, PC A12/MF A03)
- NATO-228**  
NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
PB98-161193REB 98-04 PC A08/MF A02
- NCEA-F-0134**  
Guidelines for Ecological Risk Assessment; Notice.  
PB98-117849REB 98-03 PC A14/MF A03
- NCEA-F-0248**  
Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices, Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.  
PB98-117831REB 98-03 PC A04/MF A01
- NCEA-S-0032**  
Toxicological Review of Cumene (CAS No. 98-82-8) in Support of Summary Information on the Integrated Risk Information System.  
PB98-155211REB 98-04 PC A04/MF A01
- NCEA-S-0170**  
Toxicological Review of Tributyltin Oxide (CAS No. 56-35-9). In Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155237REB 98-04 PC A05/MF A01
- NCEA-S-0327**  
Toxicological Review of Chlordane (Technical) (CAS No. 12789-03-6) in Support of Summary Information on Integrated Risk Information System (IRIS).  
PB98-155229REB 98-04 PC A06/MF A01
- NCEA-S-0413**  
Toxicological Review of Methyl Methacrylate (CAS No. 80-62-6) in Support of Summary Information on the Integrated Risk Information System (IRIS).  
PB98-155245REB 98-04 PC A06/MF A01
- NCEA-S-0414**  
Toxicological Review of Bentazon (CAS No. 25057-89-0).  
PB98-151764REB 98-04 PC A04/MF A01
- NCEA-S-0418**  
Toxicological Review of Methylene Diphenyl Diisocyanate (MDI) (CAS No. 101-68-8 and 9016-87-9).  
PB98-151798REB 98-04 PC A05/MF A01
- NCEA-S-0420**  
Toxicological Review of Beryllium and Compounds (CAS No. 7440-41-7).  
PB98-151756REB 98-04 PC A07/MF A02
- NCEA-W-0005-V1**  
Exposure Factors Handbook. Volume 1, General Factors (Final Report).  
PB98-124225REB 98-02 PC A11/MF A03
- NCEA-W-0005-V2**  
Exposure Factors Handbook. Volume 2, Food Ingestion Factors (Final Report).  
PB98-124233REB 98-02 PC A18/MF A03
- NCEA-W-0005-V3**  
Exposure Factors Handbook, Volume 3. Activity Factors (Final Report).  
PB98-124241REB 98-02 PC A17/MF A03
- NCEA-W-0018**  
Chloroethane Carcinogenicity (CAS No. 75-00-3).  
PB98-143274REB 98-03 PC A04/MF A01
- NCEA-W-0019**  
Nitrobenzene Carcinogenicity (CAS No. 98-95-3).  
PB98-143282REB 98-03 PC A04/MF A01
- NCEA-W-0114**  
Health Assessment Document for Diesel Emissions (Preliminary Draft).  
PB98-124308REB 98-02 PC A99/MF A06
- NCEA-W-0267**  
Health Risk Assessment of 1,3-Butadiene.  
PB98-133010REB 98-02 PC A15/MF A03
- NCEA-W-0357**  
Workshop Report on Dermal Exposure Assessment. Held in Washington, DC, on August 28, 1997.  
PB98-135189REB 98-03 PC A19/MF A04
- NCEA-W-0358**  
Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.  
PB98-124001REB 98-02 PC A99/MF A06
- NCEA-W-0391**  
Inventory of Sources of Dioxin in the United States. Review Draft.  
PB98-137037REB 98-03 PC A21/MF A04
- NCEA-W-0394**  
Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM).  
PB98-502289REB 98-03 CD-ROM CP D02
- NERL-ATH-2181**  
Field Study to Compare Performance of Stainless Steel Research Monitoring Wells with Existing on-Farm Drinking Water Wells in Measuring Pesticide and Nitrate Concentrations.  
PB98-143191REB 98-03 PC A07/MF A02
- NHEERL-NAR-2011**  
Appreciative Inquiry: A Mechanism for Maximizing Empower in Social Systems.  
PB98-151277REB 98-03 PC A03/MF A01
- NUREG-1634REB**  
Lost Source Exercise 1997: An Exercise of Radiological Response through Cooperation and Coordination of Local, State and Federal Agency Resources under the National Contingency Plan.  
NUREG-1634REB 98-04 PC A05/MF A01
- OSWER-8200.0-28**  
FY 1998 Superfund Reforms Strategy.  
PB97-963255REB 98-01 PC A03/MF A01
- OSWER-8200.0-29**  
Superfund Reforms Annual Report FY 1997.  
PB98-963218REB 98-02 PC A06/MF A01
- OSWER-8200.3-14-1D**  
Superfund/Oil Program Implementation Manual Fiscal Year 1998.  
PB97-963219REB 98-01 PC A18/MF A04
- OSWER-8200.3-14-1E-P**  
Superfund/Oil Program Implementation Manual Fiscal Year 99/00.  
PB98-963201REB 98-04 PC A18/MF A03
- OSWER-8200.4-05**  
Pre-CERCLIS Screening Guidance.  
PB98-963251REB 98-02 PC A01/MF A01
- OSWER-8200.4-17**  
Draft Interim Final OSWER Monitored Natural Attenuation Policy.  
PB97-963312REB 98-01 PC A04/MF A01
- OSWER-8200.4-25**  
Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites.  
PB97-963308REB 98-02 PC A02/MF A01
- OSWER-8200.4-26**  
Approach for Addressing Dioxin in Soils at CERCLA and RCRA Sites.  
PB97-963309REB 98-03 PC A02/MF A01
- OSWER-8200.4-27P**  
Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities.  
PB98-963244REB 98-04 PC A03/MF A01
- OSWER-8200.5-153C**  
Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska.  
PB98-963205REB 98-02 PC A25/MF A04
- OSWER-8205.5-09A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Oil Pollution Prevention Regulation and the Oil Pollution Act of 1990 (Updated February 1998).  
PB98-963231REB 98-03 PC A03/MF A01
- OSWER-8205.5-10A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Applicable or Relevant and Appropriate Requirements (Updated February 1998).  
PB98-963228REB 98-03 PC A03/MF A01
- OSWER-8205.5-11A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998).  
PB98-963229REB 98-03 PC A03/MF A01
- OSWER-8205.5-12A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998).  
PB98-963235REB 98-03 PC A03/MF A01
- OSWER-8205.5-13A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Liability, Enforcement, and Settlements (Updated February 1998).  
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RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998).  
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- OSWER-8205.5-15A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998).  
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- OSWER-8205.5-16A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Update February 1998).  
PB98-963234REB 98-03 PC A03/MF A01
- OSWER-8205.5-17A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Statutory Overview of CERCLA (Updated February 1998).  
PB98-963232REB 98-03 PC A03/MF A01
- OSWER-8205.5-18A**  
RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304).  
PB98-963230REB 98-03 PC A03/MF A01
- OSWER-8220.0-28**  
National Remedy Review Board. Progress Report: Fiscal Year 1997.  
PB97-963250REB 98-02 PC A08/MF A02
- OSWER-8224.0-01**  
Disaster and Emergency Response. Mission Assignment Guidance.  
PB97-963408REB 98-01 PC A06/MF A01
- OSWER-8224.5-01**  
EPA Counter-Terrorism (CT) Strategy, Work Plan, and Executive Summary.  
PB98-963224REB 98-02 PC A04/MF A01
- OSWER-8224.5-02**  
Draft Guidance on CT Equipment Purchase.  
PB98-963226REB 98-03 PC A02/MF A01
- OSWER-8230.0-8**  
Brownfields Economic Redevelopment Initiative: Proposal Guidelines for Brownfields Job Training and Development Demonstration Pilots.  
PB98-963260REB 98-04 PC A03/MF A01
- OSWER-8230.0-83P**  
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PB98-963307REB 98-04 PC A06/MF A01
- OSWER-8240.0-29P**  
Office of Solid Waste and Emergency Response Procedures for Contract Laboratory Program Investigations.  
PB98-963259REB 98-04 PC A02/MF A01
- OSWER-8240.1-33**  
Superfund Method for the Determination of Releaseable Asbestos in Soils and Bulk Materials.  
PB97-963503REB 98-01 PC A08/MF A02
- OSWER-8285.7-01D**  
Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03
- OSWER-8285.7-01D-1**  
Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim).  
PB98-963302REB 98-02 PC A02/MF A01
- OSWER-8285.7-01D-1A**  
Risk Assessment Guidance for Superfund Part D (Kit).  
PB98-963303REB 98-02 PC E99/MF E99
- OSWER-8285.7-01DFS**  
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PB97-963311REB 98-02 PC A01/MF A01
- OSWER-8285.7-14FS**  
Using Qualified Data to Document an Observed Release and Observed Contamination.  
PB94-963311REB 98-02 PC A03/MF A01
- OSWER-8285.9-31C**  
Environmental Response Training Program Schedule of Courses, September 1, 1998 - September 30, 1999.  
PB98-963227REB 98-03 PC A06/MF A01
- OSWER-8285.9-33**  
Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual.  
PB98-963251REB 98-04 PC A99/MF A06

**OSWER-9285.9-34**  
Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04

**OSWER-9295.7-01**  
Final Guidance on Improving Communication to Achieve Collaborative Decision-Making at Department of Energy Sites.  
PB98-963239REB 98-03 PC A02/MF A01

**OSWER-9335.5-02**  
Estimated O & M Costs for RODS: Historical Trends and Projected Costs through FY 2040.  
PB98-963222REB 98-02 PC A10/MF A02

**OSWER-9355.7-03A**  
Second Supplemental Five-Year Review Guidance.  
PB98-963204REB 98-01 PC A02/MF A01

**OSWER-9360.1-05**  
Concurrence Policy for Mercury Removals.  
PB98-963401REB 98-04 PC A01/MF A01

**OSWER-9360.3-04**  
Superfund Removal Procedures. Response Management: Removal Action Start-Up to Close-Out.  
PB98-963407REB 98-01 PC A05/MF A01

**OSWER-9360.7-01A**  
Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance.  
PB97-963314REB 98-03 PC A06/MF A01

**OSWER-9360.7-04A**  
Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions.  
PB97-963313REB 98-03 PC A05/MF A01

**OSWER-9375.3-03P**  
Plan to Enhance the Role of States and Tribes in the Superfund Program.  
PB98-963221REB 98-04 PC A09/MF A02

**OSWER-9938.12**  
Toxicity Characteristic Rule Enforcement Training Manual.  
PB98-142060REB 98-03 PC A11/MF A03

**PB94-963311REB**  
Using Qualified Data to Document an Observed Release and Observed Contamination.  
PB94-963311REB 98-02 PC A03/MF A01

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PB96-963407REB 98-01 PC A05/MF A01

**PB97-170641REB**  
CERCLIS Site Location Extract Data Element Dictionary.  
PB97-170641REB 98-03 PC A11/MF A03

**PB97-176911REB**  
Best Demonstrated Available Technology (BDAT) Background Document for Wood Preserving Wastes: F032, F034, and F035; Final.  
PB97-176911REB 98-01 PC A22/MF A04

**PB97-176978REB**  
Background Document for Capacity Analysis for Land Disposal Restrictions. Phase 4 (Second Supplement): Toxicity Characteristic Metal Wastes and Newly Identified Mineral Processing Wastes (Proposed Rule).  
PB97-176978REB 98-01 PC A15/MF A03

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Remediation Case Studies: Bioremediation and Vitrification. Volume 5.  
PB97-177554REB 98-01 PC A13/MF A03

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Remediation Case Studies: Soil Vapor Extraction and Other In situ Technologies. Volume 6.  
PB97-177562REB 98-01 PC A13/MF A03

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Abstracts of Remediation Case Studies. Volume 2.  
PB97-177570REB 98-01 PC A05/MF A01

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Evaluation of the Implementation of Operations and Maintenance Programs in New Jersey Schools.  
PB97-181424REB 98-02 PC A06/MF A01

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Enhanced Bioremediation of BTEX Using Immobilized Nutrients: Field Demonstration and Monitoring.  
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Air Concentrations and Inhalation Exposure to Pesticides in the Agricultural Health Pilot Study.  
PB97-196109REB 98-01 PC A06/MF A01

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Developing and Using Production-Adjusted Measurements of Pollution Prevention.  
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PB97-199731REB 98-01 PC A04/MF A01

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PB97-199749REB 98-02 PC A05/MF A01

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Ecotox Database (AQUIRE, PHYTOX, and TERRETOX) (Non-VMS Data) (on Magnetic Tape). (Renouncement with New Abstract).  
PB97-500292REB 98-02 CP T02

**PB97-501928REB**  
SW-846 Version 2.0 (Test Methods for Evaluating Solid Waste Physical/Chemical Methods Including Final Update III) (Single User) (on CD-ROM).  
PB97-501928REB 98-01 CD-ROM \$125.00

**PB97-503130REB**  
SAGE for Windows (WSAGE) Version 1.0 Solvent Alternative Guide (on Diskette).  
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Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Powell Road Landfill, Dayton, OH., August 13, 1997.  
PB97-963151REB 98-03 PC A03/MF A01

## PB97-963152REB

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Janesville Ash Beds and Janesville Old Landfill, Janesville, WI., September 17, 1997.  
PB97-963152REB 98-03 PC A03/MF A01

## PB97-963153REB

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): Moss-American (Kerr-McGee Oil CO.), Milwaukee, WI., April 29, 1997.  
PB97-963153REB 98-03 PC A03/MF A01

## PB97-963154REB

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 5): City Disposal Corp. Landfill, Dunn, WI., June 11, 1997.  
PB97-963154REB 98-03 PC A02/MF A01

## PB97-963155REB

Superfund Record of Decision Amendment (EPA Region 5): Allied Chemical and Ironton Coke, Ironton, OH., September 4, 1997.  
PB97-963155REB 98-03 PC A03/MF A01

## PB97-963156REB

Superfund Record of Decision Amendment (EPA Region 4): Arlington Blending and Packaging, Arlington, TN., July 24, 1997.  
PB97-963156REB 98-04 PC A08/MF A02

## PB97-963157REB

Superfund Record of Decision Amendment (EPA Region 4): Coleman-Evans Wood Preserving Co., Whitehouse, FL., September 25, 1997.  
PB97-963157REB 98-04 PC A06/MF A01

## PB97-963158REB

Superfund Record of Decision Amendment (EPA Region 4): Marzone Inc./Chevron Chemical Company, Tifton, GA., June 18, 1997.  
PB97-963158REB 98-03 PC A04/MF A01

## PB97-963159REB

Superfund Record of Decision Amendment (EPA Region 4): Munisport Landfill, North Miami, FL., September 5, 1997.  
PB97-963159REB 98-04 PC A05/MF A01

## PB97-963160REB

Superfund Explanation of Significant Difference for the Record of Decision (EPA Region 9): Fort Ord, Operable Unit 2, Marina, CA., January 17, 1997.  
PB97-963160REB 98-03 PC A02/MF A01

## PB97-963219REB

Superfund/Oil Program Implementation Manual Fiscal Year 1998.  
PB97-963219REB 98-01 PC A18/MF A04

## PB97-963250REB

National Remedy Review Board. Progress Report: Fiscal Year 1997.  
PB97-963250REB 98-02 PC A08/MF A02

## PB97-963255REB

FY 1998 Superfund Reforms Strategy.  
PB97-963255REB 98-01 PC A03/MF A01

## PB97-963259REB

Risk Management Programs. 40 CFR Part 68.  
PB97-963259REB 98-02 PC A25/MF A04

## PB97-963305REB

Risk Assessment Guidance for Superfund: Volume 1. Human Health Evaluation Manual (Part D, Standardized Planning, Reporting and Review of Superfund Risk Assessments) (Interim).  
PB97-963305REB 98-02 PC E13/MF A03

## PB97-963308REB

Use of Soil Cleanup Criteria in 40 CFR Part 192 as Remediation Goals for CERCLA Sites.  
PB97-963308REB 98-02 PC A02/MF A01

## PB97-963309REB

Approach for Addressing Dioxin in Soils at CERCLA and RCRA Sites.  
PB97-963309REB 98-03 PC A02/MF A01

## PB97-963311REB

Frequently Asked Questions: RAGS Part D.  
PB97-963311REB 98-02 PC A01/MF A01

## PB97-963312REB

Draft Interim Final OSWER Monitored Natural Attenuation Policy.  
PB97-963312REB 98-01 PC A04/MF A01

## PB97-963313REB

Assessing Reports of Continuous Releases of Hazardous Substances. A Guide for EPA Regions.  
PB97-963313REB 98-03 PC A05/MF A01

## PB97-963314REB

Reporting Requirements for Continuous Releases of Hazardous Substances. A Guide for Facilities on Compliance.  
PB97-963314REB 98-03 PC A06/MF A01

## PB97-963408REB

Disaster and Emergency Response. Mission Assignment Guidance.  
PB97-963408REB 98-01 PC A06/MF A01

## PB97-963503REB

Superfund Method for the Determination of Releaseable Asbestos in Soils and Bulk Materials.  
PB97-963503REB 98-01 PC A08/MF A02

## PB97-963701REB

Superfund Record of Decision (EPA Region 1): Cheshire Groundwater Contamination, Cheshire, CT., December 31, 1996.  
PB97-963701REB 98-04 PC A06/MF A01

## PB97-963702REB

Superfund Record of Decision (EPA Region 1): Loring Air Force Base, Operable Unit 13, Limestone, ME., June 16, 1997.  
PB97-963702REB 98-04 PC A11/MF A03

## PB97-963703REB

Superfund Record of Decision (EPA Region 1): Davis Gloucester-Smithfield Regional (GSR) Landfill Site, Gloucester-Smithfield, RI., September 29, 1997.  
PB97-963703REB 98-03 PC A10/MF A02

## PB97-963704REB

Superfund Record of Decision (EPA Region 1): Davisville Naval Construction Battalion Center, Site 09, North Kingstown, RI., September 29, 1997.  
PB97-963704REB 98-03 PC A15/MF A03

## PB97-963705REB

Superfund Record of Decision (EPA Region 1): Fort Devens (Areas of Contamination 43G and 43J), Fort Devens, MA., October 17, 1996.  
PB97-963705REB 98-03 PC A10/MF A02

## PB97-963706REB

Superfund Record of Decision (EPA Region 1): Fort Devens (Area of Contamination 63AX), Fort Devens, MA., September 29, 1997.  
PB97-963706REB 98-03 PC A06/MF A01

## PB97-963707REB

Superfund Record of Decision (EPA Region 1): Fort Devens-Sudbury Training Annex (Areas of Contamination A4, A7, and A9), Middlesex County, MA., September 30, 1997.  
PB97-963707REB 98-04 PC A08/MF A02

## PB97-963708REB

Superfund Record of Decision (EPA Region 1): Gallup's Quarry Superfund Site, Plainfield, CT., September 30, 1997.  
PB97-963708REB 98-04 PC A09/MF A02

## PB97-963709REB

Superfund Record of Decision (EPA Region 1): New London Submarine Base, New London, CT., September 18, 1997.  
PB97-963709REB 98-03 PC A03/MF A01

## PB97-963710REB

Superfund Record of Decision (EPA Region 1): Pease Air Force Base Brooks/Ditches Operable Unit, Portsmouth/Newington, NH., September 30, 1997.  
PB97-963710REB 98-04 PC A13/MF A03

## PB97-963801REB

Superfund Record of Decision (EPA Region 2): Federal Aviation Admin Tech Center, (Area P) (Building 204) (Fuel Spill Area), Atlantic County, NJ., February 13, 1997.  
PB97-963801REB 98-03 PC A05/MF A01

## PB97-963802REB

Superfund Record of Decision (EPA Region 2): Plattsburgh Air Force Base (Former Landfill LF-021), Plattsburgh, NY., March 25, 1997.  
PB97-963802REB 98-03 PC A06/MF A01

## PB97-963803REB

Superfund Record of Decision (EPA Region 2): Plattsburgh Air Force Base, (Former Landfill LF-024), Plattsburgh, NY., March 25, 1997.  
PB97-963803REB 98-03 PC A07/MF A02

## PB97-963804REB

Superfund Record of Decision (EPA Region 2): Jones Sanitation, Hyde Park, NY., March 31, 1997.  
PB97-963804REB 98-03 PC A08/MF A02

## PB97-963805REB

Superfund Record of Decision (EPA Region 2): Robintech, Inc./National Pipe Company, Town of Vestal, NY., July 25, 1997.  
PB97-963805REB 98-03 PC A08/MF A02

## PB97-963806REB

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 20 (Site 28 Soil and Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963806REB 98-03 PC A05/MF A01

## PB97-963807REB

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 21 (Areas A and B Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963807REB 98-03 PC A05/MF A01

## PB97-963808REB

Superfund Record of Decision (EPA Region 2): Naval Air Engineering Center Operable Unit 24 (Area K Groundwater), Lakehurst, NJ., July 7, 1997.  
PB97-963808REB 98-03 PC A04/MF A01

## PB97-963809REB

Superfund Record of Decision (EPA Region 2): Federal Aviation Administration Technical Center, (Areas A, J, and N), Atlantic County, NJ., July 21, 1997.  
PB97-963809REB 98-03 PC A05/MF A01

## PB97-963810REB

Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 1, Colts Neck, NJ., September 25, 1997.  
PB97-963810REB 98-03 PC A06/MF A02

## PB97-963811REB

Superfund Record of Decision (EPA Region 2): Naval Weapons Station Earle (Site A), Operable Unit 2, Colts Neck, NJ., September 25, 1997.  
PB97-963811REB 98-03 PC A06/MF A01

## PB97-963812REB

Superfund Record of Decision (EPA Region 2): Global Sanitary Landfill Operable Unit 2, Old Bridge Township, NJ., September 29, 1997.  
PB97-963812REB 98-03 PC A07/MF A02

## PB97-963813REB

Superfund Record of Decision (EPA Region 2): Higgins Disposal Site Operable Unit 1, Kingston, NJ., September 30, 1997.  
PB97-963813REB 98-03 PC A10/MF A02

## PB97-963814REB

Superfund Record of Decision (EPA Region 2): Janssen Inc., Operable Unit 1, Gurabo, PR., September 30, 1997.  
PB97-963814REB 98-03 PC A06/MF A01

## PB97-963815REB

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PB97-963816REB 98-03 PC A06/MF A01

## PB97-963817REB

Superfund Record of Decision (EPA Region 2): Richardson Hill Road Landfill/Pond, Sidney Center, NY., September 30, 1997.  
PB97-963817REB 98-03 PC A07/MF A02

## PB97-963818REB

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PB97-963818REB 98-03 PC A05/MF A01



**PB97-963819REB**

Superfund Record of Decision (EPA Region 2): Naval Security Group Activity, Operable Unit 3 (Sites 1 and 3), Sabana Seca, P.R., September 30, 1997.

PB97-963819REB 98-03 PC A05/MF A01

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PB97-963820REB 98-04 PC A99/MF A06

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PB97-963821REB 98-03 PC A12/MF A03

**PB97-963901REB**

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PB97-963901REB 98-03 PC A03/MF A01

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PB97-963902REB 98-03 PC A04/MF A01

**PB97-963903REB**

Superfund Record of Decision (EPA Region 3): Berks Landfill, Spring Township, PA., July 22, 1997.

PB97-963903REB 98-04 PC A08/MF A02

**PB97-963904REB**

Superfund Record of Decision (EPA Region 3): Jacks Creek/Sitkin Smelting and Refinery Inc., Site, Village of Maitland, PA., September 30, 1997.

PB97-963904REB 98-03 PC A06/MF A01

**PB97-963905REB**

Superfund Record of Decision (EPA Region 3): North Penn - Area 12, Worcester Township, PA., September 30, 1997.

PB97-963905REB 98-03 PC A09/MF A02

**PB97-963906REB**

Superfund Record of Decision (EPA Region 3): Allegany Ballistics Laboratory (USNavy), Operable Unit 1, Mineral, WV., February 12, 1997.

PB97-963906REB 98-03 PC A05/MF A01

**PB97-963907REB**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Beach Point Test Site, Aberdeen Proving Ground, MD., September 24, 1997.

PB97-963907REB 98-03 PC A05/MF A01

**PB97-963908REB**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Edgewood Area), Watson Creek Sediment, O-Field Operable Unit, Aberdeen Proving Ground, MD., September 23, 1997.

PB97-963908REB 98-03 PC A05/MF A01

**PB97-963909REB**

Superfund Record of Decision (EPA Region 3): Aberdeen Proving Ground (Michaelsville Landfill), Aberdeen Proving Ground, MD., September 23, 1997.

PB97-963909REB 98-03 PC A04/MF A01

**PB97-963910REB**

Superfund Record of Decision (EPA Region 3): Marine Corps Combat Development Command (Site 4), Operable Unit 4, Quantico, VA., September 30, 1997.

PB97-963910REB 98-03 PC A05/MF A01

**PB97-963911REB**

Superfund Record of Decision (EPA Region 3): Tobyhanna Army Depot, Operable Unit 1, Tobyhanna, PA., September 30, 1997.

PB97-963911REB 98-03 PC A07/MF A02

**PB97-963912REB**

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PB97-963912REB 98-03 PC A06/MF A01

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PB97-963913REB 98-03 PC A05/MF A01

**PB97-963914REB**

Superfund Record of Decision (EPA Region 3): Dover Air Force Base (WP 14 and LF 15), Dover, DE., September 30, 1997.

PB97-963914REB 98-03 PC A05/MF A01

**PB97-963915REB**

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**PB97-963916REB**

Superfund Record of Decision (EPA Region 3): Naval Air Development Center (8 Areas), Operable Unit 4, Warminster Township, PA., September 30, 1997.

PB97-963916REB 98-04 PC A04/MF A01

**PB97-963917REB**

Superfund Record of Decision (EPA Region 3): Naval Surface Warfare-Dahlgren Site 2, Dahlgren, VA., September 29, 1997.

PB97-963917REB 98-03 PC A05/MF A01

**PB97-963918REB**

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PB97-963918REB 98-03 PC A05/MF A01

**PB97-963919REB**

Superfund Record of Decision (EPA Region 3): Naval Weapons Station-Yorktown, Site 12, Operable Units 3, 4, and 5, Yorktown, VA., April 16, 1997.

PB97-963919REB 98-03 PC A10/MF A03

**PB97-964001REB**

Superfund Record of Decision (EPA Region 4): Camp Lejeune Military Reservation (US Navy), Operable Unit 7, Sites 1, 28, and 30, Onslow County, NC., October 9, 1996.

PB97-964001REB 98-03 PC A07/MF A02

**PB97-964002REB**

Superfund Record of Decision (EPA Region 4): Escambia Wood - Pensacola (aka: Escambia Treating Company Site), Pensacola, FL., February 12, 1997.

PB97-964002REB 98-03 PC A04/MF A01

**PB97-964003REB**

Superfund Record of Decision (EPA Region 4): Townsend Saw Chain Co., Pontiac, SC., December 19, 1996.

PB97-964003REB 98-03 PC A09/MF A02

**PB97-964004REB**

Superfund Record of Decision (EPA Region 4): Alabama Army Ammunition Plant, Operable Unit 6, (Area B) Study Areas 2, 10, 16, 17, and 22, Childersburg, AL., March 27, 1997.

PB97-964004REB 98-03 PC A05/MF A01

**PB97-964005REB**

Superfund Record of Decision (EPA Region 4): Alabama Army Ammunition Plant, Operable Unit 5, Childersburg, AL., March 27, 1997.

PB97-964005REB 98-03 PC A07/MF A02

**PB97-964006REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 14, Aiken, SC., March 27, 1997.

PB97-964006REB 98-03 PC A05/MF A01

**PB97-964007REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 5, Aiken, SC., March 27, 1997.

PB97-964007REB 98-03 PC A03/MF A01

**PB97-964008REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 4, Aiken, SC., March 27, 1997.

PB97-964008REB 98-03 PC A03/MF A01

**PB97-964009REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 13, Aiken, SC., March 27, 1997.

PB97-964009REB 98-03 PC A05/MF A01

**PB97-964010REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 45, Aiken, SC., March 27, 1997.

PB97-964010REB 98-03 PC A03/MF A01

**PB97-964011REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 15, Aiken, SC., March 27, 1997.

PB97-964011REB 98-03 PC A04/MF A01

**PB97-964012REB**

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 3 PSC 16 and PSC 17, Albany, GA., September 2, 1997.

PB97-964012REB 98-03 PC A06/MF A01

**PB97-964013REB**

Superfund Record of Decision (EPA Region 4): Marine Corps Logistics Base, Operable Unit 1 PSC 1, PSC 2, PSC 3, and PSC 26, Albany, GA., September 2, 1997.

PB97-964013REB 98-03 PC A08/MF A02

**PB97-964014REB**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), (Union Valley Upper East Fork Poplar Creek Characterization Area), Oak Ridge, TN., July 10, 1997.

PB97-964014REB 98-03 PC A05/MF A01

**PB97-964015REB**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE) (Sludge Removal from the Gunitite and Associated Tanks Operable Unit, Waste Area Grouping 1), Oak Ridge, TN., September 2, 1997.

PB97-964015REB 98-03 PC A04/MF A01

**PB97-964016REB**

Superfund Record of Decision (EPA Region 4): Sherwood Medical Industries, Operable Unit 3, Deland, FL., September 18, 1997.

PB97-964016REB 98-03 PC A04/MF A01

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Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Clinch River and Poplar Creek Operable Units, Oak Ridge, TN., September 23, 1997.

PB97-964017REB 98-03 PC A05/MF A01

**PB97-964018REB**

Superfund Record of Decision (EPA Region 4): Paducah Gaseous Diffusion Plant (USDOE) (Waste Area Group 17), Paducah, KY., September 29, 1997.

PB97-964018REB 98-03 PC A04/MF A01

**PB97-964019REB**

Superfund Record of Decision (EPA Region 4): Cecil Field Naval Air Station, Operable Unit 4, Jacksonville, FL., September 30, 1997.

PB97-964019REB 98-03 PC A04/MF A01

**PB97-964020REB**

Superfund Record of Decision (EPA Region 4): Aberdeen Pesticide Dumps, Operable Unit 5, Aberdeen, NC., September 16, 1997.

PB97-964020REB 98-03 PC A06/MF A02

**PB97-964021REB**

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PB97-964021REB 98-03 PC A04/MF A01

**PB97-964022REB**

Superfund Record of Decision (EPA Region 4): Newsome Brothers/Old Reichhold Chemicals, Operable Unit 2, Columbia MS., August 8, 1997.

PB97-964022REB 98-03 PC A04/MF A01

**PB97-964023REB**

Superfund Record of Decision (EPA Region 4): Oak Ridge Reservation (USDOE), Operable Unit 2 (Oak Ridge Y-12 Plant Bear Creek Valley), Oak Ridge, TN., January 23, 1997.

PB97-964023REB 98-03 PC A04/MF A01

**PB97-964024REB**

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PB97-964024REB 98-03 PC A09/MF A02

**PB97-964025REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 11, Central Shops Burning/Rubble Pit (631-6G) (U), Aiken, SC., May 14, 1997.

PB97-964025REB 98-03 PC A04/MF A01

**PB97-964027REB**

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**PB97-964028REB**

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**PB97-964029REB**

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PB97-964029REB 98-03 PC A08/MF A02

**PB97-964030REB**

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**PB97-964031REB**

Superfund Record of Decision (EPA Region 4): Savannah River Site (USDOE), Operable Unit 17 L-Area Oil and Chemical Basin (904-83G) and L-Area Acid Cautic Basin (904-79G), Aiken, SC., September 30, 1997.

PB97-964031REB 98-03 PC A07/MF A02

**PB97-964032REB**

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**PB97-964101REB**

Superfund Record of Decision (EPA Region 5): Reilly Tar and Chemical Company Site, (Dover Plant), Dover, OH., March 31, 1997.

PB97-964101REB 98-04 PC A08/MF A02

**PB97-964102REB**

Superfund Record of Decision (EPA Region 5): Organic Chemicals, Inc., Operable Unit 2, Grandville, MI., February 5, 1997.

PB97-964102REB 98-04 PC A06/MF A01

**PB97-964103REB**

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PB97-964103REB 98-03 PC A05/MF A01

**PB97-964104REB**

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PB97-964104REB 98-03 PC A06/MF A01

**PB97-964105REB**

Superfund Record of Decision (EPA Region 5): Tippecanoe Sanitary Landfill, Inc., Lafayette, IN., September 30, 1997.

PB97-964105REB 98-03 PC A05/MF A01

**PB97-964106REB**

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PB97-964106REB 98-03 PC A05/MF A01

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PB97-964107REB 98-03 PC A05/MF A01

**PB97-964108REB**

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PB97-964108REB 98-03 PC A05/MF A01

**PB97-964109REB**

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PB97-964117REB 98-03 PC A06/MF A01

## PB97-964118REB

Superfund Record of Decision (EPA Region 5): Madison Metropolitan Sewerage District, Blooming Grove, WI., March 31, 1997.  
PB97-964118REB 98-03 PC A05/MF A01

## PB97-964201REB

Superfund Record of Decision (EPA Region 6): Louisiana Army Ammunition Plant, Soil Source Operable Unit, Doyline, LA., March 4, 1997.  
PB97-964201REB 98-03 PC A05/MF A01

## PB97-964202REB

Superfund Record of Decision (EPA Region 6): National Zinc Corp., Operable Unit 2, Bartlesville, OK., October 2, 1997.  
PB97-964202REB 98-03 PC A04/MF A01

## PB97-964203REB

Superfund Record of Decision (EPA Region 6): Southern Shepbuilding Corp., Operable Unit 2, Slidell, LA., September 15, 1997.  
PB97-964203REB 98-03 PC A07/MF A02

## PB97-964204REB

Superfund Record of Decision (EPA Region 6): RSR Corp., Operable Unit 3, Dallas, TX., September 30, 1997.  
PB97-964204REB 98-04 PC A12/MF A03

## PB97-964205REB

Superfund Record of Decision (EPA Region 6): RSR Corp., Operable Unit 4 (Groundwater) and Operable Unit 5, Dallas, TX., April 3, 1997.  
PB97-964205REB 98-03 PC A09/MF A02

## PB97-964206REB

Superfund Record of Decision (EPA Region 6): Tar Creek (Ottawa County), Operable Unit 2, Ottawa County, OK., August 27, 1997.  
PB97-964206REB 98-03 PC A13/MF A03

## PB97-964207REB

Superfund Record of Decision (EPA Region 9): Agriculture Street Landfill, Operable Unit 4 and 5, New Orleans, LA., September 2, 1997.  
PB97-964207REB 98-03 PC A12/MF A03

## PB97-964301REB

Superfund Record of Decision (EPA Region 7): Des Moines TCE, Operable Units 2 and 4, Des Moines, IA., December 13, 1996.  
PB97-964301REB 98-03 PC A05/MF A01

## PB97-964302REB

Superfund Record of Decision (EPA Region 7): Cherokee County (Baxter Springs and Treese Subsites), Operable Unit 3/4, Cherokee County, KS., August 20, 1997.  
PB97-964302REB 98-03 PC A12/MF A03

## PB97-964303REB

Superfund Record of Decision (EPA Region 7): Fort Riley Pesticide Storage Facility, Operable Unit 2, Junction City, KS., September 29, 1997.  
PB97-964303REB 98-03 PC A05/MF A01

## PB97-964304REB

Superfund Record of Decision (EPA Region 7): Nebraska Ordnance Plant (Former), Operable Unit 2, Mead, NE., April 7, 1997.  
PB97-964304REB 98-03 PC A06/MF A01

## PB97-964305REB

Superfund Record of Decision (EPA Region 7): Bee Cee Manufacturing Co., Malden, MO., September 30, 1997.  
PB97-964305REB 98-03 PC A05/MF A01

## PB97-964401REB

Superfund Record of Decision (EPA Region 8): Ellsworth Air Force Base, Operable Unit 11, Ellsworth Air Force Base, SD., April 28, 1997.  
PB97-964401REB 98-03 PC A06/MF A01

## PB97-964402REB

Superfund Record of Decision (EPA Region 8): California Gulch, Operable Unit 10, Leadville, CO., August 8, 1997.  
PB97-964402REB 98-03 PC A08/MF A02

## PB97-964403REB

Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 8, Cheyenne, WY., November 21, 1997.  
PB97-964403REB 98-04 PC A04/MF A01

## PB97-964404REB

Superfund Record of Decision (EPA Region 8): F E Warren Air Force Base, Operable Unit 2, Cheyenne, WY., September 30, 1997.  
PB97-964404REB 98-03 PC A04/MF A01

## PB97-964405REB

Superfund Record of Decision (EPA Region 8): Rocky Flats Plant (USDOE), Operable Unit 1, Golden, CO., February 27, 1997.  
PB97-964405REB 98-03 PC A04/MF A01

## PB97-964406REB

Superfund Record of Decision (EPA Region 8): Rocky Flats Plant (USDOE), Operable Unit 3, Golden, CO., June 3, 1997.  
PB97-964406REB 98-03 PC A04/MF A01

## PB97-964407REB

Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 6, Ogden, UT., September 30, 1997.  
PB97-964407REB 98-03 PC A07/MF A02

## PB97-964408REB

Superfund Record of Decision (EPA Region 8): Hill Air Force Base, Operable Unit 8, Ogden UT., September 30, 1997.  
PB97-964408REB 98-03 PC A07/MF A02

## PB97-964501REB

Superfund Record of Decision (EPA Region 9): Schofield Barracks (US Army), Operable Unit 3, Oahu, HI., November 8, 1996.  
PB97-964501REB 98-03 PC A09/MF A02

## PB97-964502REB

Superfund Record of Decision (EPA Region 9): Schofield Barracks (US Army), Operable Unit 2, Oahu, HI., February 7, 1997.  
PB97-964502REB 98-03 PC A07/MF A02

## PB97-964503REB

Superfund Record of Decision (EPA Region 9): Fort Ord (Basewide Remedial Investigation Sites), Marina, CA., January 17, 1997.  
PB97-964503REB 98-03 PC A05/MF A01

## PB97-964504REB

Superfund Record of Decision (EPA Region 9): Fort Ord (Beach Trainfire Ranges) (Site 3), Marina, CA., January 17, 1997.  
PB97-964504REB 98-03 PC A04/MF A01

## PB97-964505REB

Superfund Record of Decision (EPA Region 9): Lawrence Livermore Laboratory (USDOE), Operable Unit 1, Livermore, CA., January 29, 1997.  
PB97-964505REB 98-03 PC A08/MF A02

## PB97-964506REB

Superfund Record of Decision (EPA Region 9): Western Pacific Railroad Company, Oroville, CA., September 30, 1997.  
PB97-964506REB 98-03 PC A05/MF A01

## PB97-964507REB

Superfund Record of Decision (EPA Region 9): Moffett Naval Air Station, Operable Unit 1, Sunnyvale, CA., August 14, 1997.  
PB97-964507REB 98-04 PC A11/MF A03

## PB97-964508REB

Superfund Record of Decision (EPA Region 9): Barstow Marine Corps Logistics Base, Operable Units 3 and 4, Barstow, CA., June 3, 1997.  
PB97-964508REB 98-04 PC A18/MF A04

## PB97-964509REB

Superfund Record of Decision (EPA Region 9): Del Amo Facility Waste Pits Operable Unit, Los Angeles, CA., September 5, 1997.  
PB97-964509REB 98-04 PC A15/MF A03

## PB97-964510REB

Superfund Record of Decision (EPA Region 9): Iron Mountain Mine, Redding, CA., September 30, 1997.  
PB97-964510REB 98-04 PC A07/MF A02

## PB97-964511REB

Superfund Record of Decision (EPA Region 9): Modesto Groundwater Contamination, Modesto, CA., September 26, 1997.  
PB97-964511REB 98-03 PC A08/MF A02

## PB97-964512REB

Superfund Record of Decision (EPA Region 9): Castle Air Force Base, Merced, CA., May 21, 1997.  
PB97-964512REB 98-04 PC A12/MF A03

## PB97-964513REB

Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Units 2A and 3A (No Action Sites), El Toro, CA., September 29, 1997.  
PB97-964513REB 98-04 PC A10/MF A02

## PB97-964514REB

Superfund Record of Decision (EPA Region 9): El Toro Marine Corps Air Station, Operable Unit 2A (Site 24-VOC Source Area Vadose Zone), El Toro, CA., September 29, 1997.  
PB97-964514REB 98-04 PC A11/MF A03

## PB97-964515REB

Superfund Record of Decision (EPA Region 9): Tucson International Airport Area (Volume 1 and 2), Tucson, AZ., September 30, 1997.  
PB97-964515REB 98-03 PC A14/MF A03

## PB97-964516REB

Superfund Record of Decision (EPA Region 9): Camp Pendleton Marine Corps Base, Operable Unit 2, San Diego, CA., September 30, 1997.  
PB97-964516REB 98-04 PC A15/MF A03

## PB97-964517REB

Superfund Record of Decision (EPA Region 9): Norton Air Force Base, Operable Unit 3, Site 19 Waste Drum Storage Area No. 1, San Bernardino, CA., June 25, 1997.  
PB97-964517REB 98-03 PC A05/MF A01

## PB97-964601REB

Superfund Record of Decision (EPA Region 10): Harbor Island (Lead), The Shipyard Sediment Operable Unit, Seattle, WA., November 27, 1996.  
PB97-964601REB 98-04 PC A06/MF A01

## PB97-964602REB

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PB97-964602REB 98-04 PC A08/MF A02

## PB97-964603REB

Superfund Record of Decision (EPA Region 10): Puget Sound Naval Shipyard Complex, (Operable Unit NSC) (aka: Bremerton Naval Complex), Bremerton, WA., December 13, 1996.  
PB97-964603REB 98-04 PC A07/MF A02

## PB97-964604REB

Superfund Record of Decision (EPA Region 10): Hanford 200 Area (USDOE), (200-UP-1 Operable Unit), Benton County, WA., February 11, 1997.  
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## PB97-964605REB

Superfund Record of Decision (EPA Region 10): Monsanto Chemical Co. (Soda Springs), Soda Springs, ID., April 30, 1997.  
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## PB97-964606REB

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## PB97-964608REB

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## PB97-964609REB

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PB98-106202REB 98-02 PC A03/MF A01
- PB98-106210REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Enforcement and Compliance Updated July 1997.  
PB98-106210REB 98-02 PC A03/MF A01
- PB98-106226REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to RCRA Statutory Overview Updated July 1997.  
PB98-106226REB 98-02 PC A04/MF A01
- PB98-106236REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Subtitle D: Municipal Solid Waste Disposal Facility Criteria Updated July 1997.  
PB98-106236REB 98-02 PC A04/MF A01
- PB98-106244REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid and Hazardous Waste Exclusions (40 CFR Part 261.4) Updated July 1997.  
PB98-106244REB 98-02 PC A04/MF A01
- PB98-106251REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Solid Waste Programs Updated July 1997.  
PB98-106251REB 98-02 PC A03/MF A01
- PB98-106269REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to State Programs Updated July 1997.  
PB98-106269REB 98-02 PC A03/MF A01
- PB98-106277REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Tanks (40 CFR Parts 264/265, Subpart J) Updated July 1997.  
PB98-106277REB 98-02 PC A03/MF A01
- PB98-106285REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Transporters (40 CFR Part 263) Updated July 1997.  
PB98-106285REB 98-02 PC A03/MF A01
- PB98-106293REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Treatment, Storage, and Disposal Facilities (40 CFR Parts 264/265, Subpart A-E) Updated July 1997.  
PB98-106293REB 98-02 PC A03/MF A01
- PB98-106301REB**  
RCRA, Superfund, and EPCRA Hotline Training Module: Introduction to Used Oil (40 CFR Part 266, Subpart E, and Part 279) Updated July 1997.  
PB98-106301REB 98-02 PC A04/MF A01
- PB98-106590REB**  
Federal Remediation Technologies Screening Matrix and Reference Guide, Third Edition.  
PB98-106590REB 98-02 PC A99/MF E08
- PB98-106616REB**  
Transmittal of Guidance on the Use of Section 7003 of RCRA.  
PB98-106616REB 98-01 PC A04/MF A01
- PB98-106624REB**  
Powder Coat Applications. (Reannounced with new abstract).  
PB98-106624REB 98-02 PC A06/MF A01
- PB98-106633REB**  
National Emission Standards for Halogenated Solvent Cleaning: Summary of Requirements for Implementing the NESHAP.  
PB98-106633REB 98-01 PC A07/MF A02
- PB98-109150REB**  
National Specialty Workshop on Technical Tools for Air Toxics Assessment. Held in Research Triangle Park, North Carolina on June 17-20, 1997.  
PB98-109150REB 98-01 PC A20/MF A04
- PB98-109366REB**  
Northwest Forest Plan Research Database. Users Guide.  
PB98-109366REB 98-01 PC A06/MF A01
- PB98-109648REB**  
Study of Volatile Organic Compound Emissions from Consumer and Commercial Products. Economic Incentives to Reduce VOC Emissions from Consumer and Commercial Products.  
PB98-109648REB 98-01 PC A10/MF A02
- PB98-110125REB**  
Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Analysis of Economic Impacts for New Sources.  
PB98-110125REB 98-01 PC A05/MF A01
- PB98-110133REB**  
Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Analysis of Economic Impacts for Existing Sources.  
PB98-110133REB 98-01 PC A05/MF A01
- PB98-110141REB**  
Hospital/Medical/Infectious Waste Incinerators: Background Information for Promulgated Standards and Guidelines. Regulatory Impact Analysis for New and Existing Facilities.  
PB98-110141REB 98-01 PC A06/MF A01
- PB98-110299REB**  
Czech Air Quality Monitoring and Receptor Modeling Study.  
PB98-110299REB 98-01 PC A09/MF A02
- PB98-110406REB**  
Chemical Industry National Environmental Baseline Report, 1990-1994.  
PB98-110406REB 98-02 PC A09/MF A02
- PB98-110521REB**  
Economic Impact Analysis for the Proposed Polyether Polyols NESHAP.  
PB98-110521REB 98-01 PC A04/MF A01
- PB98-111677REB**  
Field Methods to Measure Contaminant Removal Effectiveness of Gas-Phase Air Filtration Equipment; Phase 1. Search of Literature and Prior Art.  
PB98-111677REB 98-01 PC A05/MF A01
- PB98-111685REB**  
Air Emissions from the Treatment of Soils Contaminated with Petroleum Fuels and Other Substances (October 1997).  
PB98-111685REB 98-01 PC A21/MF A04
- PB98-111701REB**  
Air Emissions from Scrap Tire Combustion.  
PB98-111701REB 98-01 PC A07/MF A02
- PB98-111750REB**  
Test Methods for Evaluating Solid Waste Physical/Chemical Methods. Draft Update 4A (SW-846). Third Edition.  
PB98-111750REB 98-02 PC A49.00
- PB98-111800REB**  
Minutes of the Stakeholder Meetings on the Report of the JSA Shrimp Virus Work Group. Held in July 1997.  
PB98-111800REB 98-01 PC A14/MF A03
- PB98-112931REB**  
Handbook: Continuous Emission Monitoring Systems for Non-Criteria Pollutants.  
PB98-112931REB 98-01 PC A09/MF A02
- PB98-113111REB**  
Kanawha Valley Toxics Screening Study. Final Report.  
PB98-113111REB 98-01 PC A19/MF A04
- PB98-113368REB**  
Energy Costs of IAQ Control through Increased Ventilation in a Small Office in a Warm, Humid Climate: Parametric Analysis Using the DOE-2 Computer Model.  
PB98-113368REB 98-02 PC A10/MF A03
- PB98-113376REB**  
Method Validation and Application for Semivolatile Organic Compounds in Dust and Soil: Pesticides and PCBs.  
PB98-113376REB 98-01 PC A05/MF A01
- PB98-113525REB**  
How to Evaluate Alternative Cleanup Technologies for Underground Storage Tank Sites. A Guide for Corrective Action Plan Reviewers.  
PB98-113525REB 98-01 PC A20/MF A04
- PB98-113640REB**  
Toxic Chemical Report, Ninth Annual: A Summary of Information Contained in the Toxic Chemical Report Forms for Calendar Year 1995.  
PB98-113640REB 98-01 PC A06/MF A01
- PB98-114390REB**  
Evaluation of Methods for Collecting Dislodgeable Pesticide Residues from Turf.  
PB98-114390REB 98-02 PC A05/MF A01
- PB98-115132REB**  
Water Quality Benefits Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115132REB 98-01 PC A06/MF A01
- PB98-115140REB**  
Cost-Effectiveness Analysis for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115140REB 98-01 PC A05/MF A01
- PB98-115157REB**  
Statistical Support Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115157REB 98-01 PC A07/MF A02
- PB98-115165REB**  
Assessment of Sediments from the Upper Mississippi River.  
PB98-115165REB 98-01 PC A08/MF A02
- PB98-115249REB**  
Economic Assessment for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115249REB 98-01 PC A15/MF A03
- PB98-115272REB**  
Technical Development Document for Proposed Pretreatment Standards for Existing and New Sources for the Industrial Laundries Point Source Category.  
PB98-115272REB 98-01 PC A20/MF A04
- PB98-115298REB**  
Pesticide Fact Sheet: Cloransulam-methyl.  
PB98-115298REB 98-01 PC A03/MF A01
- PB98-115306REB**  
Research Plan: Interactive Effects of O3 and CO2 on the Ponderosa Pine Plant/Litter/Soil System.  
PB98-115306REB 98-02 PC A07/MF A02
- PB98-115314REB**  
EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards.  
PB98-115314REB 98-01 PC A08/MF A02
- PB98-115322REB**  
Conceptual Framework for a Synoptic Assessment of the Prairie Pothole Region.  
PB98-115322REB 98-01 PC A06/MF A01
- PB98-115330REB**  
Capsule Report: Aqueous Mercury Treatment.  
PB98-115330REB 98-01 PC A04/MF A01
- PB98-115355REB**  
Michigan Soil Vapor Extraction Remediation (MISER) Model: A Computer Program to Model Soil Vapor Extraction and Bioremediation of Organic Chemicals in Unsaturated Geological Material.  
PB98-115355REB 98-01 PC A13/MF A03
- PB98-115363REB**  
Monitoring Design for Riparian Forests in the Pacific Northwest. Research Plan.  
PB98-115363REB 98-01 PC A08/MF A02
- PB98-115371REB**  
SITE Technology Capsule: ZenoGem (Trade Name) Wastewater Treatment Process.  
PB98-115371REB 98-01 PC A03/MF A01
- PB98-115389REB**  
Ground Water Issue: Design Guidelines for Conventional Pump-and-Treat Systems.  
PB98-115389REB 98-01 PC A04/MF A01
- PB98-115587REB**  
Beyond Sprawl: Land Management Techniques to Protect the Chesapeake Bay. A Handbook for Local Governments.  
PB98-115587REB 98-01 PC A08/MF A02
- PB98-116262REB**  
Analysis of Method TO-14 Target Analytes Using a Cryofocusing High-Speed Gas Chromatograph Interfaced to a High-Speed Time-of-Flight Mass Spectrometer.  
PB98-116262REB 98-02 PC A03/MF A01
- PB98-116270REB**  
Beta Test of Models-3 with Community Multiscale Air Quality (CMAQ) Model.  
PB98-116270REB 98-01 PC A02/MF A01
- PB98-116288REB**  
Development of the EIIP Emission Inventory Data Model for Purposes of Facilitating Data Transfer between the States and U.S. EPA.  
PB98-116288REB 98-01 PC A03/MF A01
- PB98-116296REB**  
Effects of Uncertainty in Meteorological Inputs on O3 Concentration, O3 Production Efficiency, and O3 Sensitivity to Emissions Reductions in the Regional Acid Deposition Model.  
PB98-116296REB 98-02 PC A03/MF A01
- PB98-116304REB**  
Advanced Techniques for Evaluating Eulerian Air Quality Models: Background and Methodology.  
PB98-116304REB 98-02 PC A03/MF A01
- PB98-116312REB**  
Estimating the Area of Influence of Ozone Produced by Local Precursor Emissions for a Summer Period with a Range of Photochemical Activity.  
PB98-116312REB 98-02 PC A03/MF A01
- PB98-116320REB**  
Environmental Protection Agency's Third Generation Air Quality Modeling System: An Overall Perspective.  
PB98-116320REB 98-02 PC A02/MF A01
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High Performance Metal Cleaning Using Liquid CO2 and Surfactants.  
PB98-116338REB 98-02 PC A02/MF A01
- PB98-116346REB**  
Paint Spray Booth Design Using Recirculation/Partitioning Ventilation.  
PB98-116346REB 98-02 PC A03/MF A01
- PB98-116353REB**  
Comparison of Emission Models with On-Road Heavy-Duty Diesel Modal Data.  
PB98-116353REB 98-02 PC A03/MF A01
- PB98-116361REB**  
Recent Experiments on Buoyant Plume Dispersion in a Laboratory Convection Tank.  
PB98-116361REB 98-02 PC A03/MF A01
- PB98-116379REB**  
Models and Laboratory Experiments of Buoyant Plume Dispersion in a Convective Boundary Layer.  
PB98-116379REB 98-02 PC A03/MF A01
- PB98-116387REB**  
Ecological Effects of Tropospheric Ozone: A U.S. Perspective; Past, Present and Future.  
PB98-116387REB 98-01 PC A04/MF A01
- PB98-116395REB**  
Development of IBI Metrics for Lakes in Southern New England.  
PB98-116395REB 98-01 PC A04/MF A01
- PB98-116403REB**  
Gradient Analysis of Biomass in Costa Rica and a First Estimate of Total Emissions of Greenhouse Gases from Biomass Burning.  
PB98-116403REB 98-01 PC A04/MF A01

<b>PB98-116411REB</b>			
Ecosystem Management, Chapter 2.			
PB98-116411REB	98-01	PC A04/MF A01	
<b>PB98-116429REB</b>			
PATCH: A Spatially Explicit Life History Simulator for Terrestrial Vertebrates.			
PB98-116429REB	98-02	PC A04/MF A01	
<b>PB98-116437REB</b>			
Metal Partitioning in Combustion Processes.			
PB98-116437REB	98-02	PC A03/MF A01	
<b>PB98-116445REB</b>			
Chromium Biotreatment in Soil, Chapter 6.			
PB98-116445REB	98-01	PC A04/MF A01	
<b>PB98-116452REB</b>			
Plume-in-Grid Treatment of Major Elevated Point-Source Emissions in Models-3.			
PB98-116452REB	98-02	PC A03/MF A01	
<b>PB98-116460REB</b>			
Models-3: A Unifying Framework for Environmental Modeling and Assessment.			
PB98-116460REB	98-02	PC A03/MF A01	
<b>PB98-116478REB</b>			
Aggregation Using Cluster Analyses for Models-3 CMAQ Applications.			
PB98-116478REB	98-02	PC A02/MF A01	
<b>PB98-116486REB</b>			
Laboratory Model of Diffusion in the Convective Boundary Layer.			
PB98-116486REB	98-02	PC A03/MF A01	
<b>PB98-116494REB</b>			
Laboratory Observations of the Rise of Buoyant Thermals Created by Open Detonations.			
PB98-116494REB	98-02	PC A02/MF A01	
<b>PB98-116502REB</b>			
Science Features in Models-3 Community Multiscale Air Quality System.			
PB98-116502REB	98-02	PC A03/MF A01	
<b>PB98-116510REB</b>			
AREMOD's Simplified Algorithm for Dispersion in Complex Terrain.			
PB98-116510REB	98-01	PC A03/MF A01	
<b>PB98-116528REB</b>			
Description of the Models-3 Community Multiscale Air Quality (CMAQ) Modeling System.			
PB98-116528REB	98-01	PC A03/MF A01	
<b>PB98-116536REB</b>			
Comparison of Commercial vs Homeowner Application for Transport of Lawn-Applied Herbicide 2,4-D into Homes.			
PB98-116536REB	98-01	PC A03/MF A01	
<b>PB98-116544REB</b>			
Processing Emission Inventory Data in the Models-3 Integrated Distributed Modeling System: A Tutorial Example.			
PB98-116544REB	98-01	PC A03/MF A01	
<b>PB98-116551REB</b>			
Evaluation of Waterborne Contact Adhesives for the Store Fixture Industry.			
PB98-116551REB	98-02	PC A03/MF A01	
<b>PB98-116650REB</b>			
Locating and Estimating Air Emissions from Sources of Dioxins and Furans.			
PB98-116650REB	98-02	PC A16/MF A03	
<b>PB98-116767REB</b>			
Pesticide Registration (PR) Notice 97-9. Notice to Manufacturers, Formulators, Producers, and Registrants of Pesticides. Electronic Submission of Child-Resistant Packaging Test Data for all Pesticides and Child-Resistant Testing of Prefilled, Nonrefillable Insecticide Bait Stations Not Designed or Intended to Be Opened or Activated in a Manner That Exposes the Contents to Human Contact.			
PB98-116767REB	98-01	PC A04/MF A01	
<b>PB98-117013REB</b>			
Chesapeake Bay Nutrient Reduction Progress and Future Directions. Nutrient Reduction Reevaluation Summary Report.			
PB98-117013REB	98-01	PC A04/MF A01	
<b>PB98-117054REB</b>			
Locating and Estimating Air Emissions from Sources of Mercury and Mercury Compounds.			
PB98-117054REB	98-01	PC A11/MF A03	
<b>PB98-117070REB</b>			
SAB Report: Review of the EPA Draft Mercury Study Report to Congress. Review of the EPA's Mercury Report to Congress by the Mercury Review Subcommittee.			
PB98-117070REB	98-02	PC A08/MF A02	
<b>PB98-117831REB</b>			
Federal Register Volume 63, Number 93, Thursday, May 14, 1998, Notices. Part 3. Environmental Protection Agency: Guidelines for Neurotoxicity Risk Assessment.			
PB98-117831REB	98-03	PC A04/MF A01	
<b>PB98-117849REB</b>			
Guidelines for Ecological Risk Assessment; Notice.			
PB98-117849REB	98-03	PC A14/MF A03	
<b>PB98-117856REB</b>			
Life Cycle Design of a Fuel Tank System. General Motors Demonstration Project.			
PB98-117856REB	98-02	PC A06/MF A01	
<b>PB98-117864REB</b>			
Ethylene Oxide Emissions from Commercial Sterilization/Fumigation Operations. Background Information for Final Standards: Summary of Public Comments and Responses.			
PB98-117864REB	98-02	PC A06/MF A01	
<b>PB98-117898REB</b>			
Field Measurement of Greenhouse Gas Emission Rates and Development of Emission Factors for Wastewater Treatment.			
PB98-117898REB	98-02	PC A22/MF A04	
<b>PB98-117906REB</b>			
Development of Analytical Methods for Specific Lawn-Applied Pesticides in House Dust.			
PB98-117906REB	98-02	PC A06/MF A01	
<b>PB98-117989REB</b>			
Round-Robin Testing of Methods for Collecting Dislodgeable Residues from Carpet.			
PB98-117989REB	98-02	PC A06/MF A01	
<b>PB98-118003REB</b>			
Policy for Municipality and Municipal Solid Waste CERCLA Settlements at NPL Co-Disposal Sites.			
PB98-118003REB	98-02	PC A03/MF A01	
<b>PB98-118011REB</b>			
Emission Inventory Improvement Program (Kit).			
PB98-118011REB	98-02	PC E99/MF E99	
<b>PB98-118029REB</b>			
EIIP Volume 1: Introduction and Use of EIIP Guidance for Emissions Inventory Development.			
PB98-118029REB	98-02	PC\$43.00/MF A02	
<b>PB98-118037REB</b>			
EIIP Volume 2: Point Sources Preferred and Alternative Methods.			
PB98-118037REB	98-02	PC\$67.00/MF A04	
<b>PB98-118045REB</b>			
EIIP Volume 3: Area Sources Preferred and Alternative Methods.			
PB98-118045REB	98-02	PC\$67.00/MF A04	
<b>PB98-118052REB</b>			
EIIP Volume 4: Mobile Sources Preferred and Alternative Methods.			
PB98-118052REB	98-02	PC\$43.00/MF A03	
<b>PB98-118060REB</b>			
EIIP Volume 5: Biogenic Sources Preferred and Alternative Methods.			
PB98-118060REB	98-02	PC\$43.00/MF A01	
<b>PB98-118078REB</b>			
EIIP Volume 6: Quality Assurance Procedures.			
PB98-118078REB	98-02	PC\$67.00/MF A04	
<b>PB98-118086REB</b>			
EIIP Volume 7: Data Management Procedures.			
PB98-118086REB	98-02	PC\$67.00/MF A04	
<b>PB98-118102REB</b>			
Fate, Transport and Transformation Test Guidelines: OPPTS 835 Series.			
PB98-118102REB	98-02	PC A20/MF A04	
<b>PB98-118144REB</b>			
National Assessment of Environmental and Economic Benefits from Methane Control and Utilization Technologies at U.S. Underground Coal Mines.			
PB98-118144REB	98-02	PC A09/MF A02	
<b>PB98-118441REB</b>			
Users Guide to Chesapeake Bay Program Biological and Living Resources Monitoring Data, 1997.			
PB98-118441REB	98-02	PC A07/MF A02	
<b>PB98-118474REB</b>			
Citizens's Guide to Pest Control and Pesticide Safety.			
PB98-118474REB	98-02	PC A05/MF A01	
<b>PB98-118482REB</b>			
Food Quality Protection Act of 1996: Status of Implementation at the End of Fiscal Year 1997.			
PB98-118482REB	98-02	PC A03/MF A01	
<b>PB98-119100REB</b>			
Asian and Pacific Islander Seafood Consumption Study: Exposure Information Obtained through a Community-Centered Approach. Planning Phase.			
PB98-119100REB	98-02	PC A18/MF A04	
<b>PB98-119225REB</b>			
Concentration of Metal Pollutants in Bacterial Biofilms and Inhibition of Oyster Settlement and Metamorphosis.			
PB98-119225REB	98-02	PC A06/MF A01	
<b>PB98-119233REB</b>			
Statistical Analysis of the Extensive Component of the Maryland Department of the Environment Stream Acidification Monitoring Program.			
PB98-119233REB	98-02	PC A04/MF A01	
<b>PB98-119241REB</b>			
Status and Trends in Benthic Macroinvertebrate Communities as an Indicator of Water Quality at Maryland's Core Monitoring Stations, 1976-1992.			
PB98-119241REB	98-02	PC A05/MF A01	
<b>PB98-119258REB</b>			
Interaction among Environmental Factors and Recruitment Potential in Striped Bass.			
PB98-119258REB	98-02	PC A11/MF A03	
<b>PB98-119266REB</b>			
Fluxes of Trace Elements in Aerosol Particles Dry Depositing to the Chesapeake Bay Watershed.			
PB98-119266REB	98-02	PC A04/MF A01	
<b>PB98-119274REB</b>			
Atmospheric Deposition in Maryland: Assessment of Status, Trends, and Environmental Effects.			
PB98-119274REB	98-02	PC A08/MF A02	
<b>PB98-119316REB</b>			
Episodic Water Quality Events and Striped Bass Recruitment: Larval Mark-Recapture Experiments in the Nanticoke River.			
PB98-119316REB	98-02	PC A14/MF A03	
<b>PB98-120728REB</b>			
Environmental Technology Initiative: FY1994-FY1995 Projects. Removing Barriers to Innovations That Protect Public Health and the Environment.			
PB98-120728REB	98-02	PC A10/MF A02	
<b>PB98-122195REB</b>			
Opportunities to Improve Air Quality through Transportation Pricing Programs.			
PB98-122195REB	98-02	PC A08/MF A02	
<b>PB98-122211REB</b>			
Environmental Monitoring and Assessment Program Surface Waters. Field Operations Manual for Lakes.			
PB98-122211REB	98-02	PC A13/MF A03	
<b>PB98-122229REB</b>			
Ecological Functions of Off-Channel Habitat, Willamette River, Oregon. Final Research Plan.			
PB98-122229REB	98-02	PC A06/MF A02	
<b>PB98-122237REB</b>			
Lake Regions of Florida.			
PB98-122237REB	98-02	PC A06/MF A02	
<b>PB98-122245REB</b>			
Effects of Different Habitats versus Agricultural Practices on Farmland Birds in Ontario.			
PB98-122245REB	98-02	PC A07/MF A02	
<b>PB98-123045REB</b>			
Intensive Survey of the Big Bureau Creek Watershed, 1990.			
PB98-123045REB	98-02	PC A04/MF A01	
<b>PB98-123052REB</b>			
Lake Michigan Water Quality Report 1992-1993.			
PB98-123052REB	98-02	PC A08/MF A02	
<b>PB98-123060REB</b>			
National Radon Proficiency Program: Guidance on Quality Assurance.			
PB98-123060REB	98-02	PC A08/MF A02	
<b>PB98-123235REB</b>			
Catfish Populations in Chesapeake Bay.			
PB98-123235REB	98-02	PC A05/MF A01	
<b>PB98-123243REB</b>			
Atlas of Chesapeake Bay Basin Biological and Living Resources Long Term Monitoring Programs, 1997.			
PB98-123243REB	98-02	PC A11/MF A03	
<b>PB98-123300REB</b>			
Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Groundwater from 1992-1997.			
PB98-123300REB	98-02	PC A06/MF A01	
<b>PB98-123995REB</b>			
Large Building Radon Manual.			
PB98-123995REB	98-02	PC A07/MF A02	
<b>PB98-124001REB</b>			
Application of Benchmark Dose Methodology to a Variety of Endpoints and Exposures.			
PB98-124001REB	98-02	PC A99/MF A06	
<b>PB98-124217REB</b>			
Exposure Factors Handbook (Kit).			
PB98-124217REB	98-02	PC E99/MF E99	
<b>PB98-124225REB</b>			
Exposure Factors Handbook. Volume 1, General Factors (Final Report).			
PB98-124225REB	98-02	PC A11/MF A03	
<b>PB98-124233REB</b>			
Exposure Factors Handbook. Volume 2, Food Ingestion Factors (Final Report).			
PB98-124233REB	98-02	PC A18/MF A03	
<b>PB98-124241REB</b>			
Exposure Factors Handbook, Volume 3. Activity Factors (Final Report).			
PB98-124241REB	98-02	PC A17/MF A03	
<b>PB98-124308REB</b>			
Health Assessment Document for Diesel Emissions (Preliminary Draft).			
PB98-124308REB	98-02	PC A99/MF A06	
<b>PB98-124316REB</b>			
Demonstration of a Paint Spray Booth Emission Control Strategy Using Recirculation/Partitioning and UV/Ozone Pollutant Emission Control. Volume 1, Technical Report.			
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PB98-143456REB 98-03 PC A08/MF A02
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Federal Register Volume 62, Number 193, Monday, October 6, 1997, Notices. Part 3. Environmental Protection Agency: Announcement of the Draft Drinking Water Contaminant Candidate List.  
PB98-144694REB 98-03 PC A04/MF A01
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Federal Register Volume 63, Number 31, Tuesday, February 17, 1998, Notices. Part 2. Environmental Protection Agency: Reissuance of NPDES General Permits for Storm Water Discharges from Construction Activities.  
PB98-144702REB 98-03 PC A09/MF A02
- PB98-144710REB**  
Federal Register Volume 63, Number 6, Friday, January 9, 1998, Proposed Rules. Part 2. Environmental Protection Agency: 40 CFR Parts 122 and 123 National Pollutant Discharge Elimination System. Proposed Regulations for Revision of the Water Pollution Control Program Addressing Storm Water Discharges. Proposed Rule.  
PB98-144710REB 98-03 PC A07/MF A02
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Federal Register Volume 63, Number 89, Friday, May 8, 1998, Notices. Part 6. Environmental Protection Agency: Definition of a Public Water System in SDWA Section 1401(4) as Amended by the 1996 SDWA Amendment.  
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Federal Register Volume 63, Number 77, Wednesday, April 22, 1998, Notices. Part 6. Environmental Protection Agency: 40 CFR Parts 141 and 142 Maximum Contaminant Level Goals and National Primary Drinking Water Regulations for Lead and Copper. Proposed Rules.  
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National Directory of AHERA Accredited Courses, May 29, 1998 Edition.  
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Zeolite: A Versatile Air Pollutant Adsorber.  
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Site Remediation Technology InfoBase: A Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup Technologies. First Edition.  
PB98-161185REB 98-04 PC A06/MF A01

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NATO/CCMS Pilot Study. Evaluation of Demonstrated and Emerging Technologies for the Treatment of Contaminated Land and Groundwater (Phase 3). 1998 Annual Report.  
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Development Document for Proposed Effluent Limitations Guidelines and Standards for the Transportation Equipment Cleaning Category.  
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Chesapeake Bay Living Resources 1997. Living Resources Subcommittee Annual Report.  
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Radiological Survey at the Puget Sound Naval Shipyard and Naval Submarine Base, Bangor.  
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U.S. EPA and CDC Workshop on Waterborne Disease Occurrence Studies. Held in Atlanta, Georgia on March 12-13, 1997. Summary Report.  
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PB98-173453REB 98-04 PC A06/MF A02

**PB98-173461REB**

Volatile Organic Compound Emissions from Automobile Refinishing; Background Information for Promulgated Standards.  
PB98-173461REB 98-04 PC A05/MF A01

**PB98-173479REB**

Environmental Assessment of the Base Catalyzed Decomposition (BCD) Process.  
PB98-173479REB 98-04 PC A04/MF A01

**PB98-173495REB**

RACT/BACT/LAER Clearinghouse Annual Report for 1998: A Compilation of Control Technology Determinations. Eighth Supplement to the 1990 Edition.  
PB98-173495REB 98-04 PC A23/MF A04

**PB98-500010REB**

Test Guidelines from Office of Prevention, Pesticides and Toxic Substances (OPPTS) Series (on CD-ROM).  
PB98-500010REB 98-01 CD-ROM \$140.00

**PB98-500077REB**

Biennial Reporting System (BRS) Data: Generation and Management of Hazardous Waste, 1995 (Final) (on CD-ROM).  
PB98-500077REB 98-01 CD-ROM \$480.00

**PB98-500325REB**

Integrated Air Pollution Control System (IAPS), Executable Model and Source Model (Version 5.a) (on Diskette).  
PB98-500325REB 98-01 CP D01

**PB98-500333REB**

Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.05 (on Diskette). (Reannouncement with New Order Number).  
PB98-500333REB 98-01 CP D02

**PB98-500341REB**

Superfund Public Information System (SPIS) (on CD-ROM).  
PB98-500341REB 98-02 CD-ROM \$60.00

**PB98-500366REB**

INDIPAY Model: Evaluates Individual Taxpayer's Claims of Inability to Afford Penalties and Compliance Costs (on Diskette).  
PB98-500366REB 98-01 Diskette \$50.00

**PB98-500382REB**

BEN Model: Calculates Violators' Economic Benefits from Noncompliance (Version 4.4) (on Diskette).  
PB98-500382REB 98-01 Diskette \$50.00

**PB98-500390REB**

CASHOUT Model: Calculates Current Value of Superfund Cleanup Costs (Version 1.6) (on Diskette).  
PB98-500390REB 98-01 Diskette \$50.00

**PB98-500408REB**

PROJECT Model: Evaluates the Value of Supplemental Environmental Projects (SEP) (Version 1.3) (on Diskette).  
PB98-500408REB 98-01 Diskette \$50.00

**PB98-500416REB**

ABEL Model: Evaluates Corporations' Claims of Inability to Afford Penalties and Compliance Costs (Version 2.9) (on Diskette).  
PB98-500416REB 98-01 Diskette \$50.00

**PB98-500473REB**

Title III (SARA and Clean Air Act Amendments) Emergency Planning and Community Right-to-Know Act and Accidental Release Prevention Consolidated Chemical List (on Diskette).  
PB98-500473REB 98-02 CP D01



# NTIS ORDER/REPORT NUMBER INDEX

<b>PB98-500556REB</b> Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, January 1998 (on Magnetic Tape). PB98-500556REB 98-02 Mag Tape \$395.00	<b>PB98-963100REB</b> ROD Amendments and Explanations of Significant Differences (ESD). PB98-963100REB 98-02 Standing Order	<b>PB98-963251REB</b> Designs for Air Impact Assessments at hazardous Waste Sites (165.16). Student Manual. PB98-963251REB 98-04 PC A99/MF A06
<b>PB98-500564REB</b> Toxic Substances Control Act (TSCA): ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-500564REB 98-02 Diskette \$140.00	<b>PB98-963200REB</b> EPA Superfund Program Policies and Administration. PB98-963200REB 98-02 Standing Order	<b>PB98-963259REB</b> Office of Solid Waste and Emergency Response Procedures for Contract Laboratory Program Investigations. PB98-963259REB 98-04 PC A02/MF A01
<b>PB98-500572REB</b> Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, January 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-500572REB 98-02 CP D01	<b>PB98-963201REB</b> Superfund/Oil Program Implementation Manual Fiscal Year 99/00. PB98-963201REB 98-04 PC A18/MF A03	<b>PB98-963260REB</b> Brownfields Economic Redevelopment Initiative: Proposal Guidelines for Brownfields Job Training and Development Demonstration Pilots. PB98-963260REB 98-04 PC A03/MF A01
<b>PB98-500580REB</b> Global Emissions Database (GloED) Version 1.0 (on Diskette). PB98-500580REB 98-04 CP D02	<b>PB98-963204REB</b> Second Supplemental Five-Year Review Guidance. PB98-963204REB 98-01 PC A02/MF A01	<b>PB98-963300REB</b> EPA Superfund Site Assessment and Remediation. PB98-963300REB 98-02 Standing Order
<b>PB98-500606REB</b> Wind Rose Plotting Program (WRPLOT) (on Diskette). PB98-500606REB 98-02 CP D01	<b>PB98-963205REB</b> Regional Integrated Contingency Plan Region VII: Iowa, Kansas, Missouri, Nebraska. PB98-963205REB 98-02 PC A25/MF A04	<b>PB98-963302REB</b> Implementation of Risk Assessment Guidance for Superfund (RAGS) Volume 1, Human Health Evaluation Manual (Part D, Standardized Planning, Reporting, and Review of Superfund Risk Assessments) (Interim). PB98-963302REB 98-02 PC A02/MF A01
<b>PB98-500622REB</b> Air CHIEF, Version 5.0 (on CD-ROM). PB98-500622REB 98-02 CD-ROM CP D01	<b>PB98-963218REB</b> Superfund Reforms Annual Report FY 1997. PB98-963218REB 98-02 PC A06/MF A01	<b>PB98-963303REB</b> Risk Assessment Guidance for Superfund Part D (Kit). PB98-963303REB 98-02 PC E99/MF E99
<b>PB98-500663REB</b> Emergency Response Notification System (ERNS), 1996 (on CD-ROM). PB98-500663REB 98-02 CD-ROM \$265.00	<b>PB98-963221REB</b> Plan to Enhance the Role of States and Tribes in the Superfund Program. PB98-963221REB 98-04 PC A09/MF A02	<b>PB98-963307REB</b> Quality Assurance Guidance for Conducting Brownfields Site Assessments. PB98-963307REB 98-04 PC A06/MF A01
<b>PB98-500671REB</b> Emergency Response Notification System (ERNS), 1997 (on CD-ROM). PB98-500671REB 98-02 CD-ROM \$265.00	<b>PB98-963222REB</b> Estimated O & M Costs for RODS: Historical Trends and Projected Costs through FY 2040. PB98-963222REB 98-02 PC A10/MF A02	<b>PB98-963400REB</b> EPA Superfund Removals and Emergency Response. PB98-963400REB 98-02 Standing Order
<b>PB98-501943REB</b> Hydrologic Evaluation of Landfill Performance (HELP) Model, Version 3.07 (on Diskette). PB98-501943REB 98-02 CP D02	<b>PB98-963224REB</b> EPA Counter-Terrorism (CT) Strategy, Work Plan, and Executive Summary. PB98-963224REB 98-02 PC A04/MF A01	<b>PB98-963401REB</b> Concurrence Policy for Mercury Removals. PB98-963401REB 98-04 PC A01/MF A01
<b>PB98-502289REB</b> Database of Sources of Environmental Releases of Dioxin-Like Compounds in the United States - External Review Draft (on CD-ROM). PB98-502289REB 98-03 CD-ROM CP D02	<b>PB98-963226REB</b> Draft Guidance on CT Equipment Purchase. PB98-963226REB 98-03 PC A02/MF A01	<b>PB98-963500REB</b> EPA Superfund Technology and Analytical Services. PB98-963500REB 98-02 Standing Order
<b>PB98-502297REB</b> FRP Model (Version 1.0) for Estimating Styrene Emissions from Fiber-Reinforced Plastics Fabrication Processes (on Diskette). PB98-502297REB 98-03 CP D01	<b>PB98-963227REB</b> Environmental Response Training Program Schedule of Courses, September 1, 1998 - September 30, 1999. PB98-963227REB 98-03 PC A06/MF A01	<b>PB98-963600REB</b> EPA Superfund Enforcement. PB98-963600REB 98-02 Standing Order
<b>PB98-502313REB</b> Inland Area Contingency Plan and Maps for Delaware, Maryland, West Virginia, District of Columbia (on CD-ROM). PB98-502313REB 98-03 CD-ROM CP D01	<b>PB98-963228REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Applicable or Relevant and Appropriate Requirements (Updated February 1998). PB98-963228REB 98-03 PC A03/MF A01	<b>PB98-963700REB</b> EPA Superfund Records of Decision (RODS) for Region 1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. PB98-963700REB 98-02 Standing Order
<b>PB98-502321REB</b> Inland Area Contingency Plan and Maps for Pennsylvania (on CD-ROM). PB98-502321REB 98-03 CD-ROM CP D01	<b>PB98-963229REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Brownfields Economic Redevelopment Initiative and Environmental Justice (Updated February 1998). PB98-963229REB 98-03 PC A03/MF A01	<b>PB98-963800REB</b> EPA Superfund Records of Decision (RODS) for Region 3: New Jersey, New York, Puerto Rico, and Virgin Islands. PB98-963800REB 98-02 Standing Order
<b>PB98-502339REB</b> Inland Area Contingency Plan and Maps for Virginia (on CD-ROM). PB98-502339REB 98-03 CD-ROM CP D01	<b>PB98-963230REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: CERCLA and EPCRA Release Reporting Requirements (CERCLA Section 103 and EPCRA Section 304). PB98-963230REB 98-03 PC A03/MF A01	<b>PB98-963900REB</b> EPA Superfund Records of Decision (RODS) for Region 3: Delaware, Washington DC., Maryland, Pennsylvania, and Virginia. PB98-963900REB 98-02 Standing Order
<b>PB98-502354REB</b> Superfund Public Information System (SPIS) June 1998 (on CD-ROM). PB98-502354REB 98-04 CD-ROM \$60.00	<b>PB98-963231REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Oil Pollution Prevention Regulation and the Oil Pollution Act of 1990 (Updated February 1998). PB98-963231REB 98-03 PC A03/MF A01	<b>PB98-964100REB</b> EPA Superfund Records of Decision (RODS) for Region 5: Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. PB98-964100REB 98-02 Standing Order
<b>PB98-502388REB</b> Toxic Substances Control Act (TSCA)-PMN File: ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: PMN Number to EPA Accession Number Link (on Diskette). PB98-502388REB 98-04 CP D01	<b>PB98-963232REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Statutory Overview of CERCLA (Updated February 1998). PB98-963232REB 98-03 PC A03/MF A01	<b>PB98-964200REB</b> EPA Superfund Records of Decision (RODS) for Region 6: Arkansas, Louisiana, New Mexico, Oklahoma, and Texas. PB98-964200REB 98-02 Standing Order
<b>PB98-502404REB</b> Toxic Substances Control Act (TSCA) Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File, June 1998 (Raw Data) (on Magnetic Tape and CD-ROM). PB98-502404REB 98-04 Mag Tape \$454.00	<b>PB98-963233REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Accelerated Cleanup Model (Updated February 1998). PB98-963233REB 98-03 PC A03/MF A01	<b>PB98-964300REB</b> EPA Superfund Records of Decision (RODS) for Region 7: Iowa, Kansas, Missouri, and Nebraska. PB98-964300REB 98-02 Standing Order
<b>PB98-502412REB</b> Toxic Substances Control Act (TSCA): ASCII Text Data, June 1998. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File (on Diskette). PB98-502412REB 98-04 Diskette \$161.00	<b>PB98-963234REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Administrative Improvements/Reforms (Updated February 1998). PB98-963234REB 98-03 PC A03/MF A01	<b>PB98-964400REB</b> EPA Superfund Records of Decision (RODS) for Region 8: Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming. PB98-964400REB 98-02 Standing Order
<b>PB98-502453REB</b> Site Enforcement Tracking System (SETS) (National) (on Diskette). PB98-502453REB 98-04 CP D02	<b>PB98-963235REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Community Involvement (Updated February 1998). PB98-963235REB 98-03 PC A03/MF A01	<b>PB98-964500REB</b> EPA Superfund Records of Decision (RODS) for Region 9: Arizona, California, Hawaii, Nevada, American Samoa, and Guam. PB98-964500REB 98-02 Standing Order
<b>PB98-502511REB</b> RCRA Permit Policy Compendium, September 1993 Update (on Diskette). PB98-502511REB 98-04 Diskette \$116.00	<b>PB98-963236REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: Superfund Liability, Enforcement, and Settlements (Updated February 1998). PB98-963236REB 98-03 PC A04/MF A01	<b>PB98-964600REB</b> EPA Superfund Records of Decision (RODS) for Region 10: Alaska, Idaho, Oregon, and Washington. PB98-964600REB 98-02 Standing Order
<b>PB98-502552REB</b> Spreadsheet Model for Preparing Automotive Exhaust Surrogates (SMPAES) (on Diskette). PB98-502552REB 98-04 CP D01	<b>PB98-963237REB</b> RCRA, Superfund and EPCRA Hotline Training Module. Introduction to: The Superfund Response Program (Updated February 1998). PB98-963237REB 98-03 PC A04/MF A01	<b>R-DC-38/98</b> Test and Evaluation of Six Fire Resistant Booms at Ohmsett. AD-A344 642/4REB 98-03 PC A05/MF A01
<b>PB98-501330REB</b> Integrated Risk Information System (IRIS) (on Diskette). PB98-501330REB 98-02 Standing Order	<b>PB98-963239REB</b> Final Guidance on Improving Communication to Achieve Collaborative Decision-Making at Department of Energy Sites. PB98-963239REB 98-03 PC A02/MF A01	<b>RPA/730/F-98/004</b> Pesticide Fact Sheet: Fish Oil. PB98-133135REB 98-03 PC A03/MF A01
<b>PB98-502570REB</b> Resource Conservation and Recovery Information System (RCRIS) Extract File (Raw Data Only) (on CD-ROM). PB98-502570REB 98-02 Standing Order	<b>PB98-963244REB</b> Clarification to the 1994 Revised Interim Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities. PB98-963244REB 98-04 PC A03/MF A01	<b>RTI-92U-5783-003</b> Personal Computer Monitors: A Screening Evaluation of Volatile Organic Emissions from Existing Printed Circuit Board Laminates and Potential Pollution Prevention Alternatives. PB98-137102REB 98-03 PC A06/MF A01
<b>PB98-921100REB</b> Health Effects Assessment Summary Tables. PB98-921100REB 98-02 Standing Order		<b>RTI-92U-6497-04</b> Fugitive Emission Reductions Due to the Use of Enclosed Ductor Blade Systems in the Flexographic and Rotogravure Printing Industries. PB98-137391REB 98-03 PC A08/MF A02
		<b>RTU6699/208-01F</b> EPA Traceability Protocol for Assay and Certification of Gaseous Calibration Standards. PB98-115314REB 98-01 PC A08/MF A02



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USCG-12-98

## SFIM-AEC-ET-CR-97053

Federal Remediation Technologies Screening Matrix and Reference Guide, Third Edition.  
PB98-108590REB 98-02 PC A99/MF E08

## SRI-ENV-94-851-7400.93.41.1

Florida Large Building Study: Polk County Administration Building.  
PB98-127103REB 98-02 PC A09/MF A02

## SRI-ENV-96-463-7722.3.63.10

Large Building Radon Manual.  
PB98-123995REB 98-02 PC A07/MF A02

## SUB-5131REB

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) Site Location Extract, Quarterly (on CD-ROM).  
SUB-5131REB 98-02 Subscription

## SUB-5178REB

Site Enforcement Tracking System (SETS) (National) (for Microcomputers).  
SUB-5178REB 98-02 Subscription

## SUB-5179REB

Site Enforcement Tracking System (SETS) (National) (on Magnetic Tape).  
SUB-5179REB 98-02 Subscription

## SUB-5197REB

Environmental Protection Agency Civil and Administrative Enforcement Docket (on CD-ROM). (Reannouncement with new format and pricing information).  
SUB-5197REB 98-04 Subscription

## SUB-5205REB

EPA Facility Index System (FINDS) File (on magnetic tape).  
SUB-5205REB 98-02 Subscription

## SUB-5252REB

Permit Compliance System (PCS) Significant Non-Compliance List (for Microcomputers).  
SUB-5252REB 98-02 Subscription

## SUB-5335REB

Emergency Response Notification System (ERNS) Annual Cumulative (on CD-ROM).  
SUB-5335REB 98-02 Subscription

## SUB-5404REB

Pesticide Product Label System (PPLS) (on CD-ROM).  
SUB-5404REB 98-02 Subscription

## SUB-5423REB

Toxic Substances Control Act (TSCA): Searchable Database on CD-ROM. TSCA Chemical Substances Inventory: Revised Inventory Synonym and Preferred Name File and SARA Title III (on CD-ROM).  
SUB-5423REB 98-04 Subscription

## SUB-5431REB

Acid Rain Hourly Emissions Data (Raw Data Only) (on CD-ROM).  
SUB-5431REB 98-03 Subscription

## SUB-9042REB

EPA (Environmental Protection Agency) Publications Bibliography, Quarterly Abstract Bulletin.  
SUB-9042REB 98-02 Subscription

## USCG-12-98

Test and Evaluation of Six Fire Resistant Booms at Ohmsett.  
AD-A344 642/4REB 98-03 PC A05/MF A01

# Product Announcement



*For Immediate Release*

*For additional information contact:*

*Renee Edwards, Public Affairs Director (703) 605-6400*

*redwards@ntis.fedworld.gov*

## Latest Environmental Protection Agency Update Describes Clean Up Needs

### Numerous Business Opportunities Outlined in New Report at NTIS

Nearly a quarter of a million U. S. sites with potential contamination from hazardous waste and petroleum products are identified in a new report from EPA's Office of Solid Waste and Emergency Response. The study, *Cleaning Up the Nation's Waste Sites: Markets and Technology Trends*, is available from the National Technical Information Service.

Invaluable information on site characteristics, market size, and other factors is backed by liberal use of charts for quick grasp of demand. The estimated cost for all future work is about \$187 million or higher.

According to the study, it will take several decades of planned investment from federal, state, and local government agencies and private industry to meet the continuing demand for site remediation services and technologies. But, with information provided in the report, technology vendors, developers and investors, and government officials can assess the demand for cleanup services. And, from that assessment, they may better identify business opportunities and plan technology research and development efforts.

The report covers all the major cleanup programs in the United States, including:

- Superfund
- Resource Conservation and Recovery Act (RCRA)
- Underground storage tanks
- State programs
- U.S. Departments of Defense and Energy
- Many others

In addition to updating the previous issue, the report includes significant new information on cleanup needs related to underground storage tanks, RCRA corrective actions, and sites administered by DOD, DOE, and other federal agencies.

*Cleaning Up the Nation's Waste Sites: Markets and Technology Trends* is available from NTIS, 1-800-553-NTIS (6847), for \$44 plus \$4 handling fee, no additional charge for shipping; quote order number PB96-178041KLS. Most major credit cards accepted. Order via e-mail: [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). Fax order to: (703) 321-8547.

Access information on more than 500,000 government information products on the new NTIS Web site: <http://www.ntis.gov>. Find related products on *OrderNow™*, our ordering system on the World Wide Web- <http://www.ntis.gov/ordernow/>.



U.S. DEPARTMENT OF COMMERCE  
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National Technical Information Service  
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PA/816  
12/97

# Product Announcement



*For Immediate Release*

*For additional information contact:*

*Renee Edwards, Public Affairs Director (703) 605-6400  
redwards@ntis.fedworld.gov*

## EPA's Solid Waste Test Methods on CD-ROM

### Official SW-846 Product Contains Latest Update

The National Technical Information Service has just made available the Environment Protection Agency's official CD-ROM version of SW-846 methods. This valuable information product provides test procedures and guidance, recommended by EPA's Office of Solid Waste, to conduct evaluations and measurements required by the Resource Conservation and Recovery Act.

The material includes procedures for (1) field and laboratory quality control, (2) sampling, (3) determining hazardous constituents in wastes, (4) determining hazardous characteristics of wastes, and (5) determining physical properties of wastes.

The CD-ROM contains the very latest EPA information, the Third Edition Basic Manual with Final Updates I, II, IIA, IIB, and III already integrated. User-friendly with many search choices, the CD allows the operator to:

- search by chemical name, CAS number, method number, or keyword to find suitable methods;
- cut and paste text, diagrams, and flow charts to update standard operating procedures in your own word processor;
- use the new Analyte to Cross-reference Table to select recommended methods by chemical name.

*SW-846 Version 2.0 on CD-ROM (Integrated Updates Through III)* is available from NTIS, 1-800-553-NTIS (6847) for \$125 plus \$4 handling fee for a single user, PB97-501928KLY; \$320 plus \$4 handling fee for 5 LAN users, PB97-502512KLY; \$1,250 plus \$4 handling fee for unlimited users, PB97-502520KLY. There are no additional charges for shipping. Most major credit cards accepted. Order via e-mail: [orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov). Fax order to: (703) 321-8547.

Access information on more than 500,000 government information products on the new NTIS Web site: <http://www.ntis.gov>. Find related products on *OrderNow*®, our ordering system on the World Wide Web - <http://www.ntis.gov/ordernow/>.

NTIS is the central resource for government-sponsored U.S. and worldwide scientific, technical, engineering, and business-related information. As a self-sustaining agency of the U.S. Department of Commerce's Technology Administration, NTIS covers its business and operating expenses with the sale of its products and services.



U.S. DEPARTMENT OF COMMERCE  
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National Technical Information Service  
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PA/822  
1/98

# NTIS Price Schedules

NTIS frequently uses price codes to indicate the cost of items sold. The following schedules convert these codes into actual prices.

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A04 .....\$25.50.....\$ 31.50	E04 .....\$ 26.00	
A05 .....\$27.00.....\$ 34.00	E05 .....\$ 29.00	
A06 .....\$29.50.....\$ 36.50	E06 .....\$ 32.00	
A07 .....\$33.00.....\$ 41.00	E07 .....\$ 36.00	
A08 .....\$36.00.....\$ 45.00	E08 .....\$ 40.00	
A09 .....\$41.00.....\$ 51.00	E09 .....\$ 44.00	
A10 .....\$44.00.....\$ 54.50	E10 .....\$ 48.00	
A11 .....\$47.00.....\$ 58.50	E11 .....\$ 52.00	
A12 .....\$51.00.....\$ 63.00	E12 .....\$ 57.00	
A13 .....\$54.00.....\$ 67.50	E13 .....\$ 61.00	
A14 .....\$56.00.....\$ 70.00	E14 .....\$ 66.00	
A15 .....\$58.00.....\$ 72.50	E15 .....\$ 71.00	
A16 .....\$60.00.....\$ 75.00	E16 .....\$ 78.00	
A17 .....\$62.00.....\$ 77.50	E17 .....\$ 85.00	
A18 .....\$65.50.....\$ 81.50	E18 .....\$ 91.00	
A19 .....\$67.50.....\$ 84.00	E19 .....\$101.00	
A20 .....\$69.50.....\$ 86.50	E20 .....\$116.00	
A21 .....\$71.50.....\$ 89.00	E99.....Contact NTIS	
A22 .....\$77.00.....\$ 96.00		
A23 .....\$79.00.....\$ 98.50		
A24 .....\$81.00.....\$101.00		
A25 .....\$83.00.....\$103.50		
A99 .....Contact NTIS		
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	N02 .....\$59.00	
	N03 .....\$25.00	

\*A01 for standard microfiche is \$12.00; \$15.00 for out-of-print microfiche.

\*A02 for standard microfiche is \$17.00; \$21.00 for out-of-print microfiche.

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D14 .....\$ 922.00	T14 .....\$2,030.00
D15 .....\$ 980.00	T15 .....\$2,179.00
D16 .....\$1,037.00	T16 .....\$2,317.00
D17 .....\$1,106.00	T17 .....\$2,444.00
D18 .....\$1,175.00	T18 .....\$2,605.00
D19 .....\$1,244.00	T19 .....\$2,743.00
D99 .....Contact NTIS	T99 .....Contact NTIS

### Out-of-Print Surcharge

Standard A-code priced documents announced by NTIS over 3 years ago are subject to a 25% out-of print surcharge. The out-of-print price for such items is shown to the right of the standard price in these price schedules. Frequently, these reports have an NTIS order number of 94 or earlier (e.g., N94-xxxxx; PB93-xxxxx; DE92xxxxx; etc.). If the NTIS order number for an A-code priced report does not show an identifiable year (e.g., most AD-prefixed items), contact the NTIS Sales Desk 1-800-553-NTIS (6847) or (703) 605-6000 or fax (703) 321-8547 for the correct price.

Prices are subject to change.

## For Customers Outside the U.S., Canada, and Mexico

### Microfiche & Paper Copy Reports

<u>Standard Prices</u>	<u>Out-of-Print Prices</u>	<u>Exception Prices</u>
A01* .....\$ 16.00 .....\$ 20.00	E01 .....\$ 32.00	
A02* .....\$ 24.00 .....\$ 30.00	E02 .....\$ 40.00	
A03 .....\$ 46.00 .....\$ 58.00	E03 .....\$ 44.00	
A04 .....\$ 51.00 .....\$ 64.00	E04 .....\$ 52.00	
A05 .....\$ 54.00 .....\$ 68.00	E05 .....\$ 58.00	
A06 .....\$ 59.00 .....\$ 74.00	E06 .....\$ 64.00	
A07 .....\$ 66.00 .....\$ 83.00	E07 .....\$ 72.00	
A08 .....\$ 72.00 .....\$ 90.00	E08 .....\$ 80.00	
A09 .....\$ 82.00 .....\$103.00	E09 .....\$ 88.00	
A10 .....\$ 88.00 .....\$110.00	E10 .....\$ 96.00	
A11 .....\$ 94.00 .....\$118.00	E11 .....\$104.00	
A12 .....\$102.00 .....\$128.00	E12 .....\$114.00	
A13 .....\$108.00 .....\$135.00	E13 .....\$122.00	
A14 .....\$112.00 .....\$140.00	E14 .....\$132.00	
A15 .....\$116.00 .....\$145.00	E15 .....\$142.00	
A16 .....\$120.00 .....\$150.00	E16 .....\$156.00	
A17 .....\$124.00 .....\$155.00	E17 .....\$170.00	
A18 .....\$131.00 .....\$164.00	E18 .....\$182.00	
A19 .....\$135.00 .....\$169.00	E19 .....\$202.00	
A20 .....\$139.00 .....\$174.00	E20 .....\$232.00	
A21 .....\$143.00 .....\$179.00	E99.....Contact NTIS	
A22 .....\$154.00 .....\$193.00		
A23 .....\$158.00 .....\$198.00		
A24 .....\$162.00 .....\$203.00		
A25 .....\$166.00 .....\$208.00		
A99 .....Contact NTIS		
	<u>"N" Codes</u>	
	N01 .....\$85.00	
	N02 .....\$75.00	
	N03 .....\$50.00	

\*A01 for standard microfiche is \$24.00; \$30.00 for out-of-print microfiche.

\*A02 for standard microfiche is \$34.00; \$42.00 for out-of-print microfiche.

### Computer Products

D01 .....\$ 138.00	T01 .....\$ 448.00
D02 .....\$ 224.00	T02 .....\$ 610.00
D03 .....\$ 350.00	T03 .....\$ 908.00
D04 .....\$ 488.00	T04 .....\$1,208.00
D05 .....\$ 626.00	T05 .....\$1,484.00
D06 .....\$ 740.00	T06 .....\$1,782.00
D07 .....\$ 902.00	T07 .....\$2,058.00
D08 .....\$1,016.00	T08 .....\$2,358.00
D09 .....\$1,132.00	T09 .....\$2,634.00
D10 .....\$1,292.00	T10 .....\$2,910.00
D11 .....\$1,408.00	T11 .....\$3,186.00
D12 .....\$1,568.00	T12 .....\$3,484.00
D13 .....\$1,706.00	T13 .....\$3,760.00
D14 .....\$1,844.00	T14 .....\$4,060.00
D15 .....\$1,960.00	T15 .....\$4,358.00
D16 .....\$2,074.00	T16 .....\$4,634.00
D17 .....\$2,212.00	T17 .....\$4,888.00
D18 .....\$2,350.00	T18 .....\$5,210.00
D19 .....\$2,488.00	T19 .....\$5,486.00
D99 .....Contact NTIS	T99 .....Contact NTIS

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ATTENTION/NAME		
ORGANIZATION	DIVISION / ROOM NUMBER	
STREET ADDRESS		
CITY	STATE	ZIP CODE
PROVINCE / TERRITORY	INTERNATIONAL POSTAL CODE	
COUNTRY		
PHONE NUMBER ( )	FAX NUMBER ( )	
CONTACT NAME	INTERNET E-MAIL ADDRESS	

## METHOD OF PAYMENT (please print or type)

☐ VISA    ☐ MasterCard    ☐ American Express    ☐ Discover

CREDIT CARD NUMBER	EXPIRATION DATE
CARDHOLDER'S NAME	

☐ NTIS Deposit Account Number:

☐ Check / Money Order enclosed for \$ (PAYABLE TO NTIS IN U.S. DOLLARS)

## PRODUCT SELECTION (please print or type)

NTIS PRODUCT NUMBER	INTERNAL CUSTOMER ROUTING (OPTIONAL) UP TO 8 CHARACTERS	UNIT PRICE	QUANTITY						INTERNATIONAL AIRMAIL FEES (SEE BELOW)	TOTAL PRICE										
			PAPER COPY	MICRO-FICHE	MAGNETIC TAPE*	DISKETTE	CD-ROM	OTHER												
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*CIRCLE REQUIREMENTS	3480 CARTRIDGE		1600 BPI	6250 BPI																
	LABELING		FORMAT																	
	STANDARD	NONLABELED	EBCDIC	ASCII																

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To verify receipt of fax call: (703) 605-6090  
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5285 Port Royal Road  
Springfield, VA 22161

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Order via E-mail 24 hours a day.  
[orders@ntis.fedworld.gov](mailto:orders@ntis.fedworld.gov)  
If concerned about Internet security, you may register your credit card at NTIS. Simply call (703) 605-6070.

### BILL ME

(U.S., Canada, and Mexico only)  
NTIS will gladly bill your order, for an additional fee of \$10.00. A request to be billed must be on a purchase order or company letterhead. An authorizing signature, contact name, and telephone number should be included with this request. Requests may be mailed or faxed.

<b>TOTAL</b>	\$
<b>HANDLING FEE PER TOTAL ORDER</b>	\$ 5.00
<b>Outside North America—\$10.00</b>	\$
<b>GRAND TOTAL</b>	\$

*Thank you for your order!*

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## SHIP TO ADDRESS (please print or type)

CUSTOMER MASTER NUMBER (IF KNOWN)		DATE
ATTENTION/NAME		
ORGANIZATION	DIVISION / ROOM NUMBER	
STREET ADDRESS		
CITY	STATE	ZIP CODE
PROVINCE / TERRITORY	INTERNATIONAL POSTAL CODE	
COUNTRY		
PHONE NUMBER ( )	FAX NUMBER ( )	
CONTACT NAME	INTERNET E-MAIL ADDRESS	

## METHOD OF PAYMENT (please print or type)

☐ VISA ☐ MasterCard ☐ American Express ☐ Discover

CREDIT CARD NUMBER	EXPIRATION DATE
CARDHOLDER'S NAME	

☐ NTIS Deposit Account Number:

☐ Check / Money Order enclosed for \$ (PAYABLE TO NTIS IN U.S. DOLLARS)

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*Thank you for your order!*



# Product Announcement



*For Immediate Release*

*For additional information contact:*

*Renee Edwards, Public Affairs Director (703) 605-6400  
redwards@ntis.fedworld.gov*

## New CD-ROM Eases Search for Superfund Site Status

Now, there is a cost-efficient and time-saving way to locate EPA and State information on Superfund hazardous waste sites. *Environmental Factor®: Superfund Site Information From EPA and State Databases (on CD-ROM)* integrates hundreds of thousands of pages of waste site information for the user into one comprehensive CD-ROM database. It is available from the National Technical Information Service.

This CD is vital for all customers actively involved in the generation, transport, storage, or cleanup of hazardous waste material. This includes environmental consultants, insurers, and corporate risk assessors.

With the *Environmental Factor*, the user views site information in one place from:

- EPA National Priority List and CERCLIS databases and from individual State Priority Sites databases
- Complete Potentially Responsible Parties information
- EPA Records of Decision - full text and multi-page summaries
- Entire Civil Enforcement Docket

The CD's powerful database management engine assists even the most inexperienced computer user by providing search capabilities, including wildcard, phonetic, and direct cross reference searches across multiple databases. With two clicks on the window-driven program, you access displays containing information from all the databases.

*Environmental Factor®: Superfund Site Information From EPA and State Databases (on CD-ROM)* is available from NTIS in single issue for \$1,250 and as an ongoing subscription; call the Subscriptions Desk at 1-800-363-2068 and quote order number PB98-593430KMJ. Most major credit cards accepted. Order via e-mail: [subscriptions@ntis.fedworld.gov](mailto:subscriptions@ntis.fedworld.gov). Fax order to: (703) 321-9467. For additional product information, check the environment section at <http://www.ntis.gov/fcpc>.

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