



ORD Publications Announcement

July-August 1981

The Environmental Protection Agency's Office of Research and Development announces the availability of printed publications on a wide range of environmental topics. As a part of EPA's efforts to make available better information for environmental decision making, we are offering the following types of publications at no charge.

Project Summaries are short synopses of key findings of project reports. These reports present the results of recently completed research, development and engineering work. The summaries convey the essence of a project in terms comprehensible to the technical community at large. The complete reports are available only from the National Technical Information Service.

Research Summaries are issue- or problem-oriented summaries of EPA's research activities in a particular area. They include distilled descriptions of all of our major research projects which address the subject of the booklet.

Decision Series documents are carefully crafted to address major environmental issues and concerns. They present a concise and clear statement of the scientific facts as known to major experts in the research community. These documents are aimed at decision makers involved in the formulation of environmental research policies.

Program Summaries and Plans go into significantly more programmatic detail than the above-mentioned reports and are intended to convey both the substance and the organizational

structure of the research program. They are designed to satisfy those whose interest in our program requires a greater level of detail.

Other Publications of EPA's research program include a *Program Guide* (describing our major research areas and the extramural resources associated with each), the *Research Highlights* (describing our major accomplishments of the preceding year), and the *Research Outlook* (EPA's five-year research strategy).

The *ORD Publications Announcement* is published monthly to provide interested parties with access to the broad range of currently available documents produced by the Office of Research and Development. It will be mailed monthly upon request to individuals who may wish to order this material. Orders are filled until the supply of a particular report is exhausted.

The following pages list titles of publications that are available in each category; Project Summaries are subdivided by subject area. Publications announced for the first time are displayed in bold type. To order any publication, circle the corresponding order number on the order form at the back of this *Announcement* and return the entire back page, with your mailing label attached, to:

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Announcement for Publication Material

Project Summaries

Environmental Health Effects Research

- 10001 Pesticide Effects on Prenatal Cardiovascular Physiology (Mirex-Exposed Rat Fetuses and Newborns) (EPA-600/S1-80-032)
- 10002 Study of Pathogenic Free-Living Amebas in Fresh-Water Lakes in Virginia (EPA-600/S1-80-037)
- 10003 The Effect of Ozonation of Organics in Wastewater (EPA-600/S1-81-005)
- 10004 Chromosome Aberrations in Peripheral Lymphocytes of College Students as a Response to Photochemical Air Pollution (EPA-600/S1-81-007)
- 10005 Effects of 2% Venous Carboxyhemoglobin on Exercise-Induced Angina Pectoris (EPA-600/S1-81-012)
- 10006 Health Risks of Human Exposure to Wastewater (EPA-600/S1-81-002)
- 10007 Effect of Industrial Particulate Samples on Alveolar Macrophages (EPA-600/S1-81-003)
- 10008 Chronic Toxicity of Lead and Cadmium II. Changes in the Central Nervous System of the F₁ Generation of Rats After Chronic Intoxication with Lead and Cadmium (EPA-600/S1-81-013)
- 10009 Effect of Chlorine Dioxide, Chlorite and Nitrite on Mice with Low and High Levels of Glucose 6 Phosphate Dehydrogenase (G6PD) in their Erythrocytes (EPA-600/S1-81-014)
- 10010 Assessment of Mutagenic Potential of Mixtures of Organic Substances in Renovated Water (EPA-600/S1-81-016)
- 10011 Air Pollution and Health Effects in Children Residing in Akron, Ohio (EPA-600/S1-81-004)
- 10012 Sensitive Biochemical and Behavioral Indicators of Trace Substances Exposure: Part 1. Cerium (EPA-600/S1-81-011)
- 10014 Epidemiological Study of *Klebsiella pneumoniae* Among Pulp and Paper Mill Workers (EPA-600/S1-81-023)
- 10015 Investigation of Effects of Prolonged Inhalation of Nickel - Enriched Fly Ash in Syrian Golden Hamsters (EPA-600/S1-81-009)
- 10016 *Tradescantia* MCN-In-Tetrad Mutagen Test for On-Site Monitoring and Further Validation (EPA-600/S1-81-019)
- 10017 Method Development for the Assessment of Possible Human Exposure to Pesticides and Industrial Chemicals (EPA-600/S1-81-024)
- 10018 Effects of Halogenated Aromatic Compounds on the Metabolism of Foreign Organic Compounds (EPA-600/S1-81-010)
- 10019 Sewage Sludge Viral and Pathogenic Agents in Soil-Plant-Animal Systems (EPA-600/S1-81-026)
- 10020 Health Effects of Swimming in Lake Pontchartrain at New Orleans (EPA-600/S1-81-027)
- 10021 Aerosols Generated by Liquid Sludge Application to Land (EPA-600/S1-81-028)
- 10022 Mutagenic Activity and Chemical Characterization for the Palo Alto Wastewater Reclamation and Groundwater Injection Facility (EPA-600/S1-81-029)
- 10023 Effects of Sulfur Oxide Pollutants on Respiratory Function, Particle Deposition and Bronchial Clearance (EPA-600/S1-80-035)
- 10024 Potential Health Effects from Viable Emissions and Toxins Associated with Wastewater Treatment Plants and Land Application Sites (EPA-600/S1-81-006)
- 10025 Determining Effect of Pollutants on the Immune System (EPA-600/S1-81-020)
- 10026 Tracheal Organ Culture as Air Pollution Damage Indicator (EPA-600/S1-81-021)
- 10027 Pilot Program for the National Environmental Specimen Bank-Phase I (EPA-600/S1-81-025)
- 10028 Effects of Etiologically Defined Respiratory Infection on Lung Function and Its Growth in an Area of Low Air Pollution- Spirometry in Young Children When Illness-Free (EPA-600/S1-81-022)
- 10029 Evaluation of the Health Risks Associated with the Treatment and Disposal of Municipal Wastewater and Sludge (EPA-600/S1-81-030)
- 10030 Health Effects of Sewage Aerosols: Additional Serological Surveys and Search for *Legionella pneumophila* in Sewage (EPA-600/S1-81-032)
- 10031 Effects of Ozone on Leukocyte DNA (EPA-600/S1-81-031)
- 10032 Teratology and Postnatal Studies in Rats of the Propylene Glycol Butyl Ether and Isoctyl Esters of 2,4-Dichlorophenoxyacetic Acid (EPA-600/S1-81-035)
- 10033 Carcinogenic Potential of Rotenone: Subchronic Oral and Peritoneal Administration to Rats and Chronic Dietary Administration to Syrian Golden Hamsters (EPA-600/S1-81-037)

- 10034 **Effect of Conventional and Advanced Coal Conversion By-Products on the Pulmonary System (EPA-600/S1-81-038)**
- 10035 **Effects of Particulate Air Pollution on Asthmatic Subjects (EPA-600/S1-81-033)**
- 10036 **Skeletal Variants as an Indicator of Biological Effects of Environmental Contaminants (EPA-600/S1-81-034)**
- 10037 **Report of Workshop on Epidemiologic Studies of Airborne Particles (EPA-600/S1-81-039)**
- 10038 **Interaction of Acid Sulfates and the Respiratory System (EPA-600/S1-81-036)**
- 10039 **Hematologic and Immunologic Studies of Humans Exposed to SO₂ (EPA-600/S1-81-047)**
- 10040 **Development of an *In Vitro* Neurotoxicity Assay (EPA-600/S1-81-043)**
- 10041 **The University of Akron Urban Air Pollution and Human Health Study (EPA-600/S1-81-050)**

Environmental Protection Technology

- 20001 The Revised Organic Chemical Producers Data Base System (EPA-600/PS2-80-164)
- 20002 EXEC/OP Reference Manual Version 1.2 (EPA-600/PS2-80-182)
- 20003 Source Assessment: Dry Bottom Utility Boilers Firing Pulverized Bituminous Coal (EPA-600/S2-80-042C)
- 20004 Assessment of Atmospheric Emissions from Petroleum Refining (EPA-600/S2-80-075)
- 20005 Collection and Interpretation of Level 1 IR and LRMS Data (EPA-600/S2-80-177)
- 20006 GC/MS Methodology for Measuring Priority Organics in Municipal Wastewater Treatment (EPA-600/S2-80-196)
- 20007 Evaluation and Application of SO_x Measurement Procedures for Kraft Recovery Furnaces (EPA-600/S2-80-186)
- 20008 Predicting Cattle Feedlot Runoff and Retention Basin Quality (EPA-600/S2-80-192)
- 20009 Innovative Destruction of Complex Industrial Wastes—Auto Oxidation of Tannery Beamhouse Wastewater (EPA-600/S2-80-210)
- 20010 Long Term Effects of the Barge Florida Oil Spill (EPA-600/S2-81-012)
- 20011 Development of a Chemical Toxicity Assay for Pulp Mill Effluents (EPA-600/S2-80-206)
- 20012 Process Spill Monitoring, Control and Recovery in the Pulp and Paper Industry (EPA-600/S2-80-211)
- 20013 Assessment of Organic Emissions in the Flexible Packaging Industry (EPA-600/S2-81-009)

- 20014 The Cost of Alternative Flue Gas Desulfurization (FGD) Sludge Disposal Regulations (EPA-600/S2-80-178)
- 20015 Cost Comparisons of Treatment and Disposal Alternatives for Hazardous Materials. Volumes I and II (EPA-600/S2-80-188)
- 20016 GC/MS Analysis of Ambient Aerosols in the Houston, Texas Area (EPA-600/S2-80-194)
- 20017 Modified Factor Analysis of Selected RAPS Aerosol Data (EPA-600/S2-80-195)
- 20018 Polynuclear Aromatic Compounds-Synthesis and Purification (EPA-600/S2-80-204)
- 20019 Treatment of Primary Effluent by Rapid Infiltration (EPA-600/S2-80-207)
- 20020 Municipal Solid Waste Disposal in Estuaries and Coastal Marshlands (EPA-600/S2-80-212)
- 20021 Chlorination of Aquatic Humic Substances (EPA-600/S2-81-016)
- 20022 Concentration Technologies for Hazardous Aqueous Waste Treatment (EPA-600/S2-81-019)
- 20023 Field Tests of Corrosion Control to Protect Asbestos-Cement Pipe (EPA-600/S2-81-023)
- 20024 Production of Non-Food-Chain Crops with Sewage Sludge (EPA-600/S2-80-199)
- 20025 Metal Particulate Emissions from Stationary Sources. Volume 1. Standard Sampling and Analysis Method (EPA-600/S2-80-202)
- 20026 Metal Particulate Emissions from Stationary Sources. Volume 2. Characterization of Collection Filters (EPA-600/S2-80-203)
- 20027 Nationwide Assessment of Receiving Water Impacts from Urban Stormwater Pollution. Volume 1: Summary (EPA-600/S2-81-025)
- 20028 Particle Size Variation Effects on Landfilled Solid Waste: Cold Climate Studies (EPA-600/S2-81-018)
- 20029 Helminth and Heavy Metals Transmission from Anaerobically Digested Sewage Sludge (EPA-600/S2-81-024)
- 20030 Evaluation of Powdered Activated Carbon for Removal of Trace Organics at New Orleans, Louisiana (EPA-600/S2-81-027)
- 20031 Evaluation of Solid Sorbents for Water Sampling (EPA-600/S2-80-193)
- 20032 Biodegradation and Carbon Adsorption of Carcinogenic and Hazardous Organic Compounds (EPA-600/S2-81-032)
- 20033 Evaluation of Mixing Systems for Biogasification of Municipal Solid Waste (EPA-600/S2-81-031)
- 20034 Interrelationship of Bacterial Counts With Other Finished Water Quality Parameters Within Distribution Systems (EPA-600/S2-81-035)

- 20035 Mutagenistic Testing of Industrial Wastes from Representative Organic Chemical Industries (EPA-600/S2-81-007)
- 20036 Chemical Analysis of Particle Size Fractions from Glass Melting Furnaces (EPA-600/S2-81-015)
- 20037 Emission of Volatile Organic Compounds from Drum-Mix Asphalt Plants (EPA-600/S2-81-026)
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- 20039 Volatilized Lubricant Emissions from Steel Rolling Operations (EPA-600/S2-80-105)
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- 20042 Removal of Nitrate from Contaminated Water Supplies for Public Use (EPA-600/S2-81-029)
- 20043 Integrated Control of Combined Sewer Regulators Using Weather Radar (EPA-600/S2-81-041)
- 20044 Automotive Crankcase Oil: Detection in a Coastal Wetlands Environment (EPA-600/S2-81-045)
- 20045 Vapor Pressure Distribution of Selected Organic Chemicals (EPA-600/S2-81-021)
- 20046 A Plan to Develop and Implement a Quality Assurance Program for the Ames/Salmonella Test (EPA-600/S2-81-054)
- 20047 Selective Enhancement of RDF Fuels (EPA-600/S2-81-050)
- 20048 Evaluation of Solvent Loss from Vapor Degreaser Systems (EPA-600/S2-81-042)
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- 20055 Analytical Methods Evaluation for Applicability in Leachate Analysis (EPA-600/S2-81-046)
- 20056 High-Level Ozone Disinfection of Municipal Wastewater Effluents (EPA-600/S2-81-040)
- 20057 Offshore Platform Hazardous Waste Incineration Facility: Feasibility Study Summary (EPA-600/S2-81-044a)
- 20058 Physical/Chemical Treatment of Blast Furnace Wastewaters Using Mobile Pilot Units (EPA-600/S2-80-107)
- 20059 Safe Disposal Methods for Agricultural Pesticide Wastes (EPA-600/S2-81-074)
- 20060 Field Evaluation of a Swirl Degritter at Tamworth, New South Wales, Australia (EPA-600/S2-81-063)
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- 20063 Joint Dry/Wet Weather Treatment of Municipal Wastewater at Clatskanie, Oregon (EPA-600/S2-81-061)
- 20064 Filter Media for Collection Diesel Particulate Matter (EPA-600/S2-81-071)
- 20065 Engineering Assessment of Vermicomposting Municipal Wastewater Sludges (EPA-600/S2-81-075)
- 20066 Effectiveness of Activated Carbon for Removal of Toxic and/or Carcinogenic Compounds from Water Supplies (EPA-600/S2-81-057)
- 20067 Report of the Interagency Ad Hoc Work Group for the Chemical Waste Incineration Ship Program (EPA-600/S2-81-037)
- 20068 Lime Stabilization and Ultimate Disposal of Municipal Wastewater Sludges (EPA-600/S2-81-076)
- 20069 Irrigation Tailwater Management (EPA-600/S2-81-034a)
- 20070 Evaluation of the Effectiveness of Granular Activated Carbon Adsorption and Aquaculture for Removing Toxic Compounds from Treated Petroleum Refinery Effluents (EPA-600/S2-81-067)
- 20071 Development of Measurement Methodology for Evaluating Fugitive Particulate Emissions (EPA-600/S2-81-070)
- 20072 XAD-2 Thermal Blank Determination (EPA-600/S2-81-047)
- 20073 Facultative Lagoon Effluent Polishing Using Phase Isolation Ponds (EPA-600/S2-81-084)
- 20074 Wastewater Treatment by Rooted Aquatic Plants in Sand and Gravel Trenches (EPA-600/S2-81-091)
- 20075 Cropping Systems for Treatment and Utilization of Municipal Wastewater and Sludge (EPA-600/S2-81-065)

Ecological Research

- 30001 Biliary Excretion and Tissue Distribution of Cadmium-109 Administered to Rats (EPA-600/PS3-80-085)
- 30002 Fate of Toxic and Hazardous Materials in the Air Environment (EPA-600/S3-80-084)
- 30003 Biological Monitoring of Toxic Trace Metals (EPA-600/S3-80-090)
- 30004 Modifications of Models Predicting Trophic State of Lakes: Adjustment of Models to Account for the Biological Manifestations of Nutrients (EPA-600/S3-81-001)
- 30005 Phytoplankton Water Quality Relationships in U.S. Lakes, Part VIII: Algae Associated With or Responsible for Water Quality Problems (EPA-600/S3-80-100)
- 30006 Aerosol Formation from Diesel Exhaust and SO₂: A Chamber Study (EPA-600/S3-80-095)
- 30007 Houston Aerosol Characterization Study (EPA-600/S3-80-098)
- 30008 The Molluscan Shell: Biological Record of Environmental Change (EPA-600/S3-81-019)
- 30009 Interlaboratory Comparison: Acute Testing Set (EPA-600/S3-81-005)
- 30010 Effects of Fluctuating Sublethal Applications of Heavy Metal Solutions Upon the Gill Ventilatory Response of Bluegills (*Lepomis macrochirus*) (EPA-600/S3-81-003)
- 30011 The Precision of the ASTM Bioconcentration Test (EPA-600/S3-81-022)
- 30012 Development of a Protocol for Testing Effects of Toxic Substances on Plants (EPA-600/S3-81-006)
- 30013 Experimental Protocol for Determining Ozone Reaction Rate Constants (EPA-600/S3-81-024)
- 30014 Production in Coastal Salt Marshes of Southern California (EPA-600/S3-81-023)
- 30015 Application of Fourier Transform Spectroscopy to Air Pollution Problems (EPA-600/S3-80-093)
- 30016 Development of Bioassay Procedures for Defining Pollution of Harbor Sediments (EPA-600/S3-81-025)
- 30017 Atmospheric Measurements of Trace Pollutants: Long Path Fourier Transform Infrared Spectroscopy (EPA-600/S3-81-026)
- 30018 State-of-the-Art of Structure Activity Methods Development (EPA-600/S3-81-029)
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- 30020 Natural Variation in Abundance of Salmonid Populations in Streams (EPA-600/S3-81-021)

- 30021 Behavior of DDT, Kepone, and Permethrin in Sediment-Water Systems Under Different Oxidation-Reduction and pH Conditions (EPA-600/S3-81-038)
- 30022 Historical Emission and Ozone Trends in the Houston Area (EPA-600/S3-81-030)
- 30023 Effect of Agricultural Land Development on Drainage Waters in the North Carolina Tidewater Region (EPA-600/S3-80-087)

Environmental Monitoring

- 40001 Livermore Regional Air Quality (LIRAQ) Model (Transfer to EPA) (EPA-600/PS4-80-041)
- 40002 Thermal Analysis of the Manning S-4000 Portable Wastewater Sampler (EPA-600/PS4-80-045)
- 40003 Evaluation of Ozone Calibration Procedures (EPA-600/S4-80-050)
- 40004 Aerosol Analysis for the Regional Air Pollution Study: Final Report (EPA-600/S4-81-006)
- 40005 Remote Monitoring of Organic Carbon in Surface Waters (EPA-600/S4-81-001)
- 40006 Methodology for the Design of an Optimum Air Quality Monitoring Network (EPA-600/S4-81-002)
- 40007 Optimum Meteorological and Air Pollution Sampling Network Selection in Cities. Volume III: Objective Variational Analysis Model. (EPA-600/S4-81-012)
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- 40013 Evaluation of Molecular Sieves for Sampling NO_x Emissions at Electric Utility Plants (EPA-600/S4-81-024)
- 40014 A Summary of the EPA National Source Performance Audit Program—1979 (EPA-600/S4-81-029)
- 40015 Waste Discharge Monitoring Requirements Under the NPDES Permits Program (EPA-600/S4-81-033)
- 40016 Development of Methods and Analysis of Particulate Sampler Data from RAPS (EPA-600/S4-81-021)

Socioeconomic Environmental Studies

Interagency Energy-Environment Research and Development

- 70001 Water Filtration Control to Achieve Mine Water Pollution Control—The Dents Run Watershed Demonstration Project (EPA-600/PS7-80-128)
- 70002 Environmental Assessment of a Waste-to-Energy Process, Burlington Electric's Wood and Oil Co-Fired Boiler (EPA-600/PS7-80-148)
- 70003 Environmental Assessment of a Waste-to-Energy Process: Braintree Municipal Incinerator (EPA-600/PS7-80-149)
- 70004 Further Study of Adipic Acid Degradation in FGD Scrubbers (EPA-600/PS7-80-152)
- 70005 Demonstration of Debris Basin Effectiveness in Sediment Control (EPA-600/PS7-80-154)
- 70006 Support Studies in Fluidized-Bed Combustion—Annual Report, October 1978 - September 1979 (EPA-600/PS7-80-156)
- 70007 Fabric Filtration Analyses for Three Utility Boiler Flyashes (EPA-600/PS7-80-157)
- 70008 Fugitive Dust from Western Surface Coal Mines (EPA-600/PS7-80-158)
- 70009 Environmental Assessment of Waste-to-Energy Process: Union Carbide's Purox® Process (EPA-600/S7-80-161)
- 70010 The Environmental Impact of Coal Transfer and Terminal Operations (EPA-600/S7-80-169)
- 70011 Environmental Assessment of a Waste-to-Energy Process: GSA/Pentagon Co-Fired Boiler Tests (EPA-600/S7-80-170)
- 70012 Trace Metals and Stationary Conventional Combustion Processes (EPA-600/S7-80-155)
- 70013 Gaseous and Particulate Ammonia and Nitric Acid Concentrations, Columbus, Ohio Area—Summer 1980 (EPA-600/S7-80-179)
- 70014 Effect of Scrubbing Operating Conditions on Adipic Acid Degradation (EPA-600/S7-81-017)
- 70015 Reconnaissance Study of Leachate Quality from Raw Mined Oil Shale - Laboratory Columns (EPA-600/S7-80-181)
- 70016 Hydrologic Impacts from Potential Coal Strip Mining—Northern Cheyenne Reservation (EPA-600/S7-81-004)
- 70017 Aerosol Characterization of Ambient Air Near a Commercial Lurgi Coal Gasification Plant—Kosova Region, Yugoslavia (EPA-600/S7-80-177)
- 70018 Environmental Effects of *In-Situ* Gasification of Texas Lignite (EPA-600/S7-81-035)
- 70019 Interagency Flue Gas Desulfurization Evaluation: Final Report (EPA-600/S7-81-015)
- 70020 Environmental Characterization of Geokinetics *In-Situ* Oil Shale Retorting Technology (EPA-600/S7-81-021)
- 70021 Addendum to Environmental Assessment: Source Test and Evaluation Report—Chapman Low BTU Gasification (EPA-600/S7-80-178)
- 70022 Emissions Assessment of Conventional Stationary Combustion Systems: Vol. III. External Combustion Sources for Electricity Generation (EPA-600/S7-81-003a)
- 70023 Emissions Assessment of Conventional Stationary Combustion Systems: Vol. IV. Commercial Institutional Combustion Sources (EPA-600/S7-81-003b)
- 70024 Impact of Resource Conservation and Recovery Act on FBC Residue Disposal (EPA-600/S7-81-011)
- 70025 Environmental, Operational and Economic Aspects of Thirteen Selected Energy Technologies (EPA-600/S7-80-173)
- 70026 Comparison of Relative Emissions from Double Mechanical Pump Seals to Other Types of Pump Shaft Seals (EPA-600/S7-81-019)
- 70027 Summary of Coal-Based Synthetic Fuel Initiatives (EPA-600/S7-81-023)
- 70028 Characterization of Two Core Holes from the Naval Oil Shale Reserve Number 1 (EPA-600/S7-81-024)
- 70029 Effect of Collisional Lifetime in Optoacoustic Detection of Pollutant Gases (EPA-600/S7-81-026)
- 70030 Asbestos/Asbestiform Research in EPA ORD (EPA-600/S7-81-032)
- 70031 Greenhouse Production of All Bedding and Foliage Plants with Industrial Heat (EPA-600/S7-81-034)
- 70032 Assessment of Oil Shale Retort Wastewater Treatment and Control Technology—Phases I & II (EPA-600/S7-81-081)
- 70033 Batch Pretreatment Process Technology for Abatement of Emissions and Conservation of Energy in Glass Melting Furnaces: Phase I. Process Design Manual (EPA-600/S7-81-038)
- 70034 Limestone-Lime Treatment of Acid Mine Drainage—Full Scale (EPA-600/S7-81-033)
- 70035 Water Pollution Potential of Coal-Slurry Pipelines (EPA-600/S7-81-082)
- 70036 Sulfur Dioxide Oxidation Reactions in Aqueous Solutions (EPA-600/S7-81-085)
- 70037 Methods for Level 2 Analysis by Organic Compound Category (EPA-600/S7-81-029)
- 70038 Facilities Evaluation of High Efficiency Boiler Destruction of PCB Waste (EPA-600/S7-81-031)

- 70039 Planning Study to Model and Monitor Coal Pile Runoff (EPA-600/S7-81-016)
- 70040 Second Survey of Dry SO₂ Control Systems (EPA-600/S7-81-018)
- 70041 Effect of Parameters of Filtration on Dust Cleaning Fabrics (EPA-600/S7-81-028)
- 70042 Ohio River Basin Energy Study (ORBES) (EPA-600/S7-81-008)
- 70043 The Analysis of Oil Shale Wastes: A Review (EPA-600/S7-81-084)
- 70044 Fabric Filter Systems Study: Second Annual Report (EPA-600/S7-81-037)
- 70045 Secondary Formation Products in Power Plant Plumes (EPA-600/S7-81-092)

Research Summaries

- 80001 Oil Spills (EPA-600/8-79-007)
- 80003 Controlling Nitrogen Oxides (EPA-600/8-80-004)
- 80005 Industrial Wastewater (EPA-600/8-80-026)
- 80006 Controlling Sulfur Oxides (EPA-600/8-80-029)
- 80008 Chesapeake Bay (EPA-600/8-80-019)

Decision Series

- 90001 Advanced Fossil Fuels and the Environment: An Executive Report (EPA-600/9-77-013)
- 90004 Who's Who V. The Interagency Energy/Environment R & D Program Directory and Index (Decision Series) (EPA-600/9-79-017)
- 90005 Decision Series: Sulfur Emission: Control Technology and Waste Management (EPA-600/9-79-019)
- 90006 Decision Series: Sulfur Oxides Control in Japan (EPA-600/9-79-043)
- 90007 Acid Rain (EPA-600/9-79-036)

Other Publications

- 90008 Research Highlights 1979 (EPA-600/9-80-005)
- 90010 ORD Extramural Program Guide FY 1981 (EPA-600/9-80-052)
- 90011 EPA and the Academic Community - Partners in Research. Solicitation for Grant Proposals FY 1981 (EPA-600/8-80-010)
- 90012 EPA Publications Bibliography. Quarterly Abstract Bulletin, January-March 1981 (PB 81-904201)

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