



ORD Publications Announcement

Nov.-Dec. 1982

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.

The *ORD Publications Announcement* is published quarterly 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 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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The Administrator of EPA has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Agency. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through April 1, 1987.

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)
- 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)
- 10007 Effect of Industrial Particulate Samples on Alveolar Macrophages (EPA-600/S1-81-003)
- 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)
- 10013 Mutagenesis Screening of Pesticides Using *Drosophila* (EPA-600/S1-81-017)
- 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)
- 10018 Effects of Halogenated Aromatic Compounds on the Metabolism of Foreign Organic Compounds (EPA-600/S1-81-010)
- 10022 Mutagenic Activity and Chemical Characterization for the Palo Alto Wastewater Reclamation and Groundwater Injection Facility (EPA-600/S1-81-029)
- 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)
- 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)
- 10042 Microwaves, Hyperthermia and Human Leukocyte Function (EPA-600/S1-81-041)
- 10043 Determinants of Cancer and Cardiovascular Disease Mortality in Asbestos Mining Counties of California (EPA-600/S1-81-042)
- 10044 Potency Ranking of Chemicals Based on Enhancement of Viral Transformation (EPA-600/S1-81-045)
- 10045 Temporal Variability of Toxic Contaminants in Animal Diets (EPA-600/S1-81-040)
- 10046 Effects of Sulfuric Acid Mist Exposure on Pulmonary Function (EPA-600/S1-81-044)
- 10047 Ultrastructure and X-Ray Microanalysis of Macrophages Exposed to Non-Criteria Pollutants with Emphasis on Certain Metals (EPA-600/S1-81-018)
- 10048 Improved Scoring of Chemical Transformation of C3H/10T1/2 Cells (EPA-600/S1-81-046)
- 10049 Sensitive Biochemical and Behavioral Indicators of Trace Substance Exposure, Part II. Platinum (EPA-600/S1-81-015)
- 10050 Epidemiological Studies of Otitis Externa: Report of a Prospective and of a Retrospective Study of Otitis Externa Among Swimmers (EPA-600/S1-81-053)
- 10051 Effects of Post-Implantation Exposure to Selected Pesticides on Reproductivity in Rats (EPA-600/S1-81-048)
- 10052 New Approaches to Quantitating the Pulmonary Effects of Inhaled Pollutants (EPA-600/S1-81-052)
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- 10056 Association Between Birth Defects and Exposure to Ambient Vinyl Chloride (EPA-600/S1-81-057)
- 10057 Recreational Water Quality and Health (EPA-600/S1-81-059)
- 10058 Respiratory Carcinogenicity of Diesel Fuel Emissions (EPA-600/S1-81-054)
- 10059 Sewage Sludge Pathogen Transport Model Project (EPA-600/S1-81-049)
- 10060 Study of Chlorine Dioxide and Its Metabolites in Man (EPA-600/S1-81-068)
- 10061 Studies in Children Exposed to Low Levels of Lead (EPA-600/S1-81-066)
- 10062 Health Implications of Coal Related Energy Development: Mining Impacts (EPA-600/S1-81-060)
- 10063 Evaluation of the Tentative Standard Method for Enteric Virus Concentration and Detection (EPA-600/S1-81-061)
- 10064 Organic and Organotin Compounds Leached from PVC and CPVC Pipe (EPA-600/S1-81-062)
- 10065 Mechanisms of Cadmium Absorption in Rats (EPA-600/S1-81-063)
- 10066 Community Health Associated with Arsenic in Drinking Water in Millard County, Utah (EPA-600/S1-81-064)
- 10067 Determination of the Effects of Material from Alternate Energy Sources on the Upper Respiratory Tract Clearance Mechanism: Part I and Part II (EPA-600/S1-81-067)
- 10068 Development and Evaluation of an Ambient Viable Microbial Air Sampler (EPA-600/S1-81-069)
- 10069 Effects of Short-Term Intermittent Air Pollutants on Incidence and Severity of Acute Respiratory Disease: Data Collection and Quality Assurance (EPA-600/S1-81-065)
- 10070 Chronic Toxicity of Lead and Cadmium III. Effects of Chronic Intoxication on the Reproductive Function of the F₁ Generation and on the Central Nervous System of the F₂ Generation of Rats (EPA-600/S1-82-006)
- 10071 Toxicology of Pesticides (EPA-600/S1-82-001)
- 10072 Short-Term Screening Test for Quick Responses to Pollutants Where Health Effects Data are Lacking (EPA-600/S1-82-004)
- 10073 Effects of Selected Organic Drinking Water Contaminants on Male Reproduction (EPA-600/S1-82-009)
- 10074 Pulmonary Function and Bronchial Reactivity in Human Subjects with Exposure to Ozone and Respirable Sulfuric Acid Aerosol: An Environmental Chamber Study (EPA-600/S1-82-012)
- 10075 Effects of Heavy Metals on the Differentiation of Metabolic Pathways in the CNS (EPA-600/S1-82-008)
- 10076 Speciation of Arsenic Compounds in Water Supplies (EPA-600/S1-82-010)
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- 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)
- 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)
- 20021 Chlorination of Aquatic Humic Substances (EPA-600/S2-81-016)
- 20023 Field Tests of Corrosion Control to Protect Asbestos-Cement Pipe (EPA-600/S2-81-023)
- 20026 Metal Particulate Emissions from Stationary Sources. Volume 2. Characterization of Collection Filters (EPA-600/S2-80-203)
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- 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)
- 20031 Evaluation of Solid Sorbents for Water Sampling (EPA-600/S2-80-193)
- 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)
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- 20040 Firefly Luciferase ATP Assay Development for Monitoring Bacterial Concentrations in Water Supplies (EPA-600/S2-81-014)

Environmental Protection Technology

- 20001 The Revised Organic Chemical Producers Data Base System (EPA-600/PS2-80-164)

- 20042 Removal of Nitrate from Contaminated Water Supplies for Public Use (EPA-600/S2-81-029)
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- 20058 Physical/Chemical Treatment of Blast Furnace Wastewaters Using Mobile Pilot Units (EPA-600/S2-80-107)
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- 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)
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- 20075 Cropping Systems for Treatment and Utilization of Municipal Wastewater and Sludge (EPA-600/S2-81-065)
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- 20098 Maintenance of the Organic Chemical Producers Data Base (EPA-600/S2-81-099)
- 20099 Physical/Chemical Treatment of Coke Plant Wastewater (EPA-600/S2-81-053)

- 20100 Ferrous Metals Recovery at Recovery 1, New Orleans, Louisiana (EPA-600/S2-81-102)
- 20101 Data Reduction Techniques for Aerosol Size Distribution Measuring Instruments (EPA-600/S2-81-104)
- 20102 Pilot-Scale Anaerobic Filter Treatment of Heat Treatment Liquor (EPA-600/S2-81-114)
- 20103 Physical Properties and Leach Testing of Solidified/Stabilized Flue Gas Cleaning Wastes (EPA-600/S2-81-116)
- 20104 Overland Flow Treatment of Poultry Processing Wastewater in Cold Climates (EPA-600/S2-81-093)
- 20105 Monitoring Techniques for Carbon Fiber Emissions. Evaluation A (EPA-600/S2-81-048)
- 20106 Modification of Optical Instrument for In-Stack Monitoring of Respirable Particle Size (EPA-600/S2-81-096)
- 20107 Characterization of Boliden's Sulfide-Lime Precipitation Plant (EPA-600/S2-81-081)
- 20108 Protein Recovery from Beef Packing Effluent (EPA-600/S2-81-112)
- 20109 High Altitude Testing of Residential Wood-Fired Combustion Equipment (EPA-600/S2-81-127)
- 20110 Securing Containerized Hazardous Wastes with Polyethylene Resin and Fiberglass Encapsulates (EPA-600/S2-81-138)
- 20111 Securing Containerized Hazardous Wastes with Welded Polyethylene Encapsulates (EPA-600/S2-81-139)
- 20112 Securing Containerized Hazardous Wastes by Encapsulation with Spray-On/Brush-On Resins (EPA-600/S2-81-140)
- 20113 Wood Preserving Industry Multimedia Emission Inventory (EPA-600/S2-81-066)
- 20114 Resource Recovery From Plastic and Glass Wastes (EPA-600/S2-81-123)
- 20115 VOC Emissions Control Technologies for Ship Painting Facilities (EPA-600/S2-81-131)
- 20116 Laboratory Studies of Priority Pollutant Treatability (EPA-600/S2-81-129)
- 20117 Removal of Heavy Metals and Suspended Solids from Battery Wastewaters: Application of Hydroperm Cross-Flow Microfiltration (EPA-600/S2-81-147)
- 20119 Investigation of New Techniques for Control of Smelter Arsenic Bearing Wastes (EPA-600/S2-81-049)
- 20121 Response Factors of VOC Analyzers at a Meter Reading of 10,000 PPMV for Selected Organic Compounds (EPA-600/S2-81-051)
- 20122 Two-Stage Biological Treatment of Coke Plant Wastewater (EPA-600/S2-81-052)
- 20123 VOC Fugitive Emissions Data—High Density Polyethylene Process Unit (EPA-600/S2-81-109)
- 20124 Response of Portable VOC Analyzers to Chemical Mixtures (EPA-600/S2-81-110)
- 20125 Analysis of SOCM I VOC Fugitive Emissions Data (EPA-600/S2-81-111)
- 20126 Using Coherent Water Jets to Control Oil Spills (EPA-600/S2-81-141)
- 20127 Potential Environmental Problems of Enhanced Oil and Gas Recovery Techniques (EPA-600/S2-81-149)
- 20128 Ultraviolet Disinfection of a Secondary Wastewater Treatment Plant Effluent (EPA-600/S2-81-152)
- 20129 Performance Testing of the Soviet Oil/Debris Skimmer (EPA-600/S2-81-154)
- 20130 Inorganic Contaminant Removal from Drinking Water by Reverse Osmosis (EPA-600/S2-81-115)
- 20131 Group Treatment Evaluation for Metal Finishers (EPA-600/S2-81-143)
- 20132 Field Investigation of Contaminant Loss from Chemically Stabilized Industrial Sludges (EPA-600/S2-81-163)
- 20133 Critical Factors Controlling Vegetation Growth on Completed Sanitary Landfills (EPA-600/S2-81-164)
- 20134 Parallel Evaluation of Air- and Oxygen-Activated Sludge (EPA-600/S2-81-155)
- 20135 Characterizing Baghouse Performance to Control Asbestos Manufacturing Source Emissions (EPA-600/S2-81-126)
- 20136 Demonstration of Zinc Cyanide Recovery Using Reverse Osmosis and Evaporation (EPA-600/S2-81-132)
- 20137 Treatment of Metal Finishing Wastes by Use of Ferrous Sulfide (EPA-600/S2-81-142)
- 20138 Nickel Recovery from Electroplating Rinsewaters by Electrodialysis (EPA-600/S2-81-130)
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- 20140 Evaluation of Solvent Loss from Vapor Degreaser Systems Phases 2 and 3: Effect of Crosscurrent Air Velocity on Control System Performance (EPA-600/S2-81-072)
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- 20142 Monitoring Techniques for Carbon Fiber Emissions: Evaluation B (EPA-600/S2-81-145)
- 20143 Design Optimization of the Chlorination Process: Volume 1. Comparison of Optimized Pilot System with Existing Full-Scale Systems (EPA-600/S2-81-167)
- 20144 Deployment Configurations for Improved Oil Containment with Selected Sorbent Booms (EPA-600/S2-81-168)
- 20145 Dispersant Application System for the U.S. Coast Guard 32-Foot WPB (EPA-600/S2-81-172)
- 20146 Effect of Halogens on *Giardia* Cyst Viability (EPA-600/S2-81-174)
- 20147 Literature Study of Biodegradability of Chemicals in Water: Volumes 1 and 2 (EPA-600/S2-81-175/176)
- 20148 Granular Activated Carbon Installations (EPA-600/S2-81-177)
- 20149 Evaluation of On-Site Wastewater Treatment and Disposal Options (EPA-600/S2-81-178)
- 20150 Production Engineering and Marketing Analysis of the Rotating Disk Evaporator (EPA-600/S2-81-179)
- 20151 Fundamental Considerations for Preparing Densified Refuse-Derived Fuel (EPA-600/S2-81-180)
- 20152 Revegetating Strip-Mined Land with Municipal Sewage Sludge (EPA-600/S2-81-182)
- 20153 Coal: dRDF Demonstration Test in an Industrial Spreader Stoker Boiler. Use of Coal: dRDF Blends in Stoker-Fired Boilers. Volumes I and II (EPA-600/S2-81-183/184)
- 20154 Performance Testing of Four Skimming Systems (EPA-600/S2-81-189)
- 20155 Treatment Effectiveness: Oil Tanker Ballast Water Facility (EPA-600/S2-81-192)

- 20156 Catalytic Incineration of Low Concentration Organic Vapors (EPA-600/S2-81-017)
- 20157 Density Levels of Pathogenic Organisms in Municipal Wastewater Sludge—A Literature Review (EPA-600/S2-81-170)
- 20158 Engineering and Economic Assessment of Autoheated Thermophilic Aerobic Digestion with Air Aeration (EPA-600/S2-81-171)
- 20159 Demonstration Physical Chemical Sewage Treatment Plant Utilizing Biological Nitrification (EPA-600/S2-81-173)
- 20160 Impediments to Energy and Materials Recovery Facilities for Municipal Solid Waste (EPA-600/S2-81-181)
- 20161 Densification of Refuse-Derived Fuels: Preparation, Properties and Systems for Small Communities (EPA-600/S2-81-188)
- 20162 Removal of Water Soluble Hazardous Materials Spills from Waterways by Activated Carbon (EPA-600/S2-81-195)
- 20163 Restoring Hazardous Spill-Damaged Areas: Technique Identification/Assessment (EPA-600/S2-81-208)
- 20164 Alternatives for Sodium Cyanide for Flotation Control (EPA-600/S2-81-157)
- 20165 Fate of Toxic and Nonconventional Pollutants in Wastewater Treatment Systems Within the Pulp, Paper and Paperboard Industry (EPA-600/S2-81-158)
- 20166 Development of a Multidetector Petroleum Oil-In-Water Monitor (EPA-600/S2-81-206)
- 20167 Techniques for Handling Landborne Spills of Volatile Hazardous Substances (EPA-600/S2-81-207)
- 20168 Hourly Diurnal Flow Variations in Publicly-Owned Wastewater Treatment Facilities (EPA-600/S2-81-218)
- 20169 Data Base for Influent Heavy Metals in Publicly Owned Treatment Works (EPA-600/S2-81-220)
- 20170 Parasites in Southern Sludges and Disinfection by Standard Sludge Treatment (EPA-600/S2-81-166)
- 20171 Wastewater Dechlorination State-of-the-Art Field Survey and Pilot Studies (EPA-600/S2-81-169)
- 20172 Attenuation of Polybrominated Biphenyls and Hexachlorobenzene by Earth Materials (EPA-600/S2-81-191)
- 20173 Options for Resource Recovery and Disposal of Scrap Tires—Volume I (EPA-600/S2-81-193)
- 20174 Detection and Mapping of Insoluble Sinking Pollutants (EPA-600/S2-81-198)
- 20175 Oil Slick Dispersal Mechanics (EPA-600/S2-81-199)
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- 40020 Geothermal Environmental Assessment Baseline Study—Vegetation and Soils of the Roosevelt Hot Springs Geothermal Research Area (EPA-600/S4-81-060)
- 40021 Evaluation of the Hewlett-Packard 5993B Gas Chromatograph-Mass Spectrometer (EPA-600/S4-81-043)
- 40022 Case Studies in the Application of Air Quality Modeling in Environmental Decision Making (EPA-600/S4-81-034)
- 40023 Sampling and Analysis of Wastes Generated by Gray Iron Foundries (EPA-600/S4-81-028)
- 40024 Tissue Assays and Population Characteristics of Roosevelt Hot Springs' Animals (1977-1978) (EPA-600/S4-81-072)
- 40025 National Performance Audit Program: 1979 Proficiency Surveys for Sulfur Dioxide, Nitrogen Dioxide, Carbon Monoxide, Sulfate, Nitrate, Lead and High Volume Flow (EPA-600/S4-81-025)

- 40026 Determination of Phthalates in Industrial and Municipal Wastewaters (EPA-600/S4-81-063)
- 40027 Determination of Haloethers in Industrial and Municipal Wastewaters (EPA-600/S4-81-062)
- 40028 Determination of Volatile Organics in Industrial and Municipal Wastewaters (EPA-600/S4-81-071)
- 40029 Impact of Topographic Circulations on the Transport and Dispersion of Air Pollutants (EPA-600/S4-81-068)
- 40030 Carbon Monoxide Commuter Exposure Data Base: A 5-Day Study in Los Angeles (EPA-600/S4-81-069)
- 40031 Long-Range Transport and Transformation of SO₂ and Sulfate: Refinement, Application and Verification of Models (EPA-600/S4-81-070)
- 40032 Air Quality Data for Nonmetallic Inorganic Ions: Nitrate and Sulfate for 1977 and 1978 from the National Air Surveillance Networks (EPA-600/S4-81-074)
- 40034 Analysis of Commercial Cylinder Gases of Nitric Oxide, Sulfur Dioxide, and Carbon Monoxide at Source Concentrations—Results of Audit 5 (EPA-600/S4-81-080)
- 40035 Development of Analytical Test Procedures for Organic Pollutants in Wastewater—Application to Pesticides (EPA-600/S4-81-017)
- 40036 Technical Assistance Document for the Calibration and Operation of Automated Ambient Non-Methane Organic Compound Analyzers (EPA-600/S4-81-015)
- 40037 Polynuclear Aromatic Hydrocarbons and Cellular Proliferative Disorders in Bivalve Molluscs from Oregon Estuaries (EPA-600/S4-82-026)
- 40038 Determination of an Empirically Derived IP/TSP Relationship (EPA-600/S4-82-034)
- 40039 Determination of Benzidines in Industrial and Municipal Wastewaters (EPA-600/S4-82-022)
- 40040 The Continuous Flow Analyzer Automation System (EPA-600/S4-81-064)
- 40041 Determination of Nitrosamines in Industrial and Municipal Wastewaters (EPA-600/S4-82-016)
- 40042 Bulk Sample Analysis for Asbestos Content: Evaluation of the Tentative Method (EPA-600/S4-82-021)
- 40043 Flow and Dispersion of Pollutants Over Two-Dimensional Hills: Summary Report on Joint Soviet-American Study (EPA-600/S4-81-067)
- 40044 The Standard Calibration Instrument Automation System for the Atomic Absorption Spectrophotometer (EPA-600/S4-82-017)
- 40045 Determination of Pesticides and PCBs in Industrial and Municipal Wastewaters (EPA-600/S4-82-023)
- 40046 Determination of TCDD in Industrial and Municipal Wastewaters (EPA-600/S4-82-028)
- 40047 Determination of Nitroaromatic Compounds and Isophorone in Industrial and Municipal Wastewaters (EPA-600/S4-82-024)
- 40048 Analytical Methods for Hazardous Organics in Liquid Wastes from Coal Gasification and Liquefaction Processes (EPA-600/S4-82-038)
- 40049 Laboratory Evaluation of Nonmethane Organic Carbon Determination in Ambient Air by Cryogenic Preconcentration and Flame Ionization Detection (EPA-600/S4-82-019)
- 40050 Direct Measurement of Volatile Organic Compounds in Breathing-Zone Air, Drinking Water, Breath, Blood and Urine (EPA-600/S4-82-015)
- 40051 Application and Evaluation of Analytical Procedures for Trace Metals, Total Cyanide and Phenolics (EPA-600/S4-82-001)
- 40052 Techniques to Determine a Company's Ability to Conduct a Quality Stack Test (EPA-600/S4-82-018)
- 40053 Laboratory Evaluation of Commercially Available Passive Organic Personal Monitors (EPA-600/S4-82-031)
- 40054 Application of Methods 606 and 608 for Analysis of PCBs, Organochlorine Pesticides and Phthalate Esters Contained in Landfill Leachates (EPA-600/S4-82-044)
- 40055 Ambient Perchloroethylene Levels Inside Coin-Operated Laundries with Drycleaning Machines on the Premises (EPA-600/S4-82-032)
- 40056 Drilling Fluid Effects to Developmental Stages of the American Lobster (EPA-600/S4-82-039)
- 40057 A Comparative Evaluation of Seven Automated Ambient Non-Methane Organic Compound Analyzers (EPA-600/S4-82-046)
- 40058 A Computer Interface for a Perkin-Elmer 5000 Atomic Absorption Instrument (EPA-600/S4-82-050)
- 40059 Application of EPA Method 610 to the Analysis of Polynuclear Aromatic Hydrocarbons in Leachate Samples (EPA-600/S4-82-041)
- 40060 Literature Review of Personal Air Monitors for Potential Use in Ambient Air Monitoring of Organic Compounds (EPA-600/S4-82-048)
- 40061 Field Evaluation of Carbon Monoxide and Hydrogen Sulfide Continuous Emission Monitors at an Oil Refinery (EPA-600/S4-82-054)
- 40062 Application of Cluster Analysis to Aerometric Data (EPA-600/S4-80-048)
- 40063 Method Development for Determination of Polychlorinated Hydrocarbons in Municipal Sludge (EPA-600/S4-82-035)
- 40064 Quality Assurance in Support of Energy Related Monitoring Activities: Annual Report Number 3 (EPA-600/S4-82-036)
- 40065 Quality Assurance in Support of Energy Related Monitoring Activities: Final Report (EPA-600/S4-82-037)
- 40066 A Microprocessor ASCII Character Buffering System (EPA-600/S4-82-051)
- 40067 An Ultraviolet-Visible Spectrophotometer Automation System (EPA-600/S4-82-053)
- 40069 Determination of Polynuclear Aromatic Hydrocarbons in Industrial and Municipal Wastewaters (EPA-600/S4-82-025)
- 40070 Wide Range Aerosol Classifier (EPA-600/S4-82-040)
- 40071 Determination of the Environmental Impact of Several Substitute Chemicals in Agriculturally Affected Wetlands (EPA-600/S4-82-052)
- 40072 Techniques to Measure Volumetric Flow and Particulate Concentrations in Stacks with Cyclonic Flow (EPA-600/S4-82-062)
- 40073 Correlations Between Age-Adjusted Mortality Rates for White Males and Females in the United States, by County: 1968-1972 (EPA-600/S4-80-026)
- 40074 The National Air Pollution Background Network: 1976-1980 (EPA-600/S4-82-058)
- 40075 Sampling Air for Gaseous Organic Chemicals Using Solid Adsorbents. Application to Tenax (EPA-600/S4-82-059)

40076 Stability of Organic Audit Materials and Results of Source Test Analysis Audits (EPA-600/S4-82-064)

Socioeconomic Environmental Studies

50002 Socioeconomic Impacts of Water Quality Strategies (EPA-600/S5-82-001)

50003 Formulating Agricultural Nonpoint Source Policy: Analysis and Issues (EPA-600/S5-82-002)

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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)

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)

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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)

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70035 Water Pollution Potential of Coal-Slurry Pipelines (EPA-600/S7-81-082)

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70037 Methods for Level 2 Analysis by Organic Compound Category (EPA-600/S7-81-029)

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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)

70045 Secondary Formation Products in Power Plant Plumes (EPA-600/S7-81-092)

70046 Technique for Measuring Reduced Forms of Sulfur in Ambient Air (EPA-600/S7-81-041)

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70048 Environmental Aspects of Synfuel Utilization (EPA-600/S7-81-025)

70049 Public Health Effects from Industrial Amines Production: A Preliminary Evaluative Approach (EPA-600/S7-80-174)

70050 Environmental Assessment: Source Test and Evaluation Report Koppers-Totzek Process (EPA-600/S7-81-009)

70051 Preliminary Environmental Assessment of Afterburner Combustion Systems (EPA-600/S7-80-153)

- 70052 Selective Catalytic Reduction and NO_x Control in Japan (EPA-600/S7-81-030)
- 70053 Vapor-Phase Cracking and Wet Oxidation as Potential Pollutant Control Techniques for Coal Gasification (EPA-600/S7-81-096)
- 70054 Control of Emissions from Residential Wood Burning by Combustion Modification (EPA-600/S7-81-091)
- 70055 Evaluation of Relative Environmental Hazards from a Coal Gasifier (EPA-600/S7-81-100)
- 70056 EPA Coal Cleaning Program: FY1979 Progress Report (EPA-600/S7-81-070)
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- 70058 Source Test and Evaluation Report: D. H. Mitchell Unit No. 11, Northern Indiana Public Service Co. (EPA-600/S7-81-104)
- 70059 Emissions Assessment of Conventional Stationary Combustion Systems: Vol. V. Industrial Combustion Sources (EPA-600/S7-81-003c)
- 70060 Control of Utility Boiler and Gas Turbine Pollutant Emissions by Combustion Modification—Phase II (EPA-600/S7-81-039)
- 70061 Coal Gasifier Parameters Influencing Environmental Pollutant Production (EPA-600/S7-81-098)
- 70062 Disposal of Flue Gas Desulfurization Wastes: EPA Shawnee Field Evaluation—Final Report (EPA-600/S7-81-103)
- 70063 Coal and the Environment Abstract Series: Bibliography on Disposal of Mine and Cleaning Plant Refuse (EPA-600/S7-81-107)
- 70064 Mixing Phenomena in Industrial Fume Afterburner Systems (EPA-600/S7-81-110)
- 70065 Third Survey of Dry SO₂ Control Systems (EPA-600/S7-81-097)
- 70066 Assessment of Hazard Potential from Combustion of Wastes in Industrial Boilers (EPA-600/S7-81-108)
- 70067 Performance Evaluation of the Braintree Electric Light Department Dry Cooling Tower (EPA-600/S7-81-109)
- 70068 Use of Vegetative Filter Zone to Control Fine-Grained Sediments from Surface Mines (EPA-600/S7-81-117)
- 70069 Environmental and Economic Comparison of Advanced Processes for Conversion of Coal Biomass into Clean Energy (EPA-600/S7-81-133)
- 70070 Source Test and Evaluation Report: Cane Run Unit No. 6, Louisville Gas and Electric Co. (EPA-600/S7-81-134)
- 70071 EPA Utility FGD Survey—January-March 1981 (EPA-600/S7-81-012c)
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- 70073 ENAMAP-1 Long-Term SO₂ and Sulfate Pollution Model: Further Application to Eastern North America (EPA-600/S7-81-102)
- 70074 Control of Hydrocarbon Emissions from Gasoline Loading by Refrigeration Systems (EPA-600/S7-81-121)
- 70075 Photoacoustic Detection of Particulate Carbon (EPA-600/S7-81-129)
- 70076 Final Report on the Workshop on Energy Development Issues Affecting Appalachia (EPA-600/S7-81-130)
- 70077 Coal Resources and Sulfur Emissions Regulations: A Summary of Eight Eastern and Midwestern States (EPA-600/S7-81-086)
- 70078 Executive Summary for Power Plant Cooling System Water Consumption and Nonwater Impact Reports (EPA-600/S7-81-112)
- 70079 Field Studies on Paraho Retorted Oil Shale Lysimeters: Leachate, Vegetation, Moisture, Salinity and Runoff, 1977-1980 (EPA-600/S7-81-131)
- 70080 Energy Use Patterns and Environmental Implications of Direct-Fired Industrial Processes (EPA-600/S7-81-132)
- 70081 Pilot-Scale Development of a Low-NO_x Coal-Fired Tangential System (EPA-600/S7-81-137)
- 70082 Sampling and Analysis of Potential Geothermal Sites (EPA-600/S7-81-138)
- 70083 Demonstration of Wellman-Lord/Allied Chemical FGD Technology: Final Report and Demonstration Test Second Year Results (EPA-600/S7-81-140)
- 70085 Use of Coal Cleaning for Compliance with SO₂ Emission Regulations (EPA-600/S7-81-146)
- 70086 Feasibility of Coal Burning in Catalytic Combustors (EPA-600/S7-81-150)
- 70087 Fuel NO_x Control by Catalytic Combustion (EPA-600/S7-81-151)
- 70088 Environmental Assessment: Source Test and Evaluation Report—Coal Preparation Plant No. 1 (EPA-600/S7-81-071a)
- 70089 Field Studies on USBM and TOSCO II Retorted Oil Shales: Vegetation, Moisture, Salinity and Runoff, 1977-1978 (EPA-600/S7-81-139)
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- 70091 Electric Rates and Boiler Fuel Choice (EPA-600/S7-81-157)
- 70092 Bioassay and Chemical Analysis for Hazardous Materials in Residual Oils (EPA-600/S7-81-080)
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- 70094 On-Site GC/MS Analysis of Chapman Gasification Separator Liquor (EPA-600/S7-81-136)
- 70095 Study of Automatic Control Systems to Maintain Constant Percentage SO₂ Retention in a Pressurized FBC (EPA-600/S7-81-154)
- 70096 Fuel Decomposition and Flame Reactions in Conversion of Fuel Nitrogen to NO_x (EPA-600/S7-81-158)
- 70097 Long-Term Effects of Slow-Rate Land Application of Municipal Wastewater (EPA-600/S7-81-152)
- 70098 Environmental and Economic Aspects of Indirect Coal Liquefaction Processes: A Report Emphasizing the Relationship Between Product Mix and Efficiency (EPA-600/S7-81-153)
- 70099 Control of Particulate Emissions from Atmospheric Fluidized-Bed Combustion with Fabric Filters and Electrostatic Precipitators (EPA-600/7-81-105)
- 70100 Emissions and Efficiency Performance of Industrial Coal-Stoker-Fired Boilers (EPA-600/S7-81-111)
- 70101 Spray Charging and Trapping Scrubber for Fugitive Particle Emission Control (EPA-600/S7-81-125)
- 70102 Evaluation of the Limestone Dual Alkali Prototype System at Plant Scholz: Final Report (EPA-600/S7-81-141b)
- 70103 Environmental Assessment: Source Test and Evaluation Report—Lurgi (Kosovo) Medium-Btu Gasification, Final Report (EPA-600/S7-81-142)
- 70104 Performance Evaluation of an Industrial Spray Dryer for SO₂ Control (EPA-600/S7-81-143)
- 70105 EPA Utility FGD Survey April - June 1981 (EPA-600/S7-81-012d)

- 70106 Environmental Assessment: Source Test and Evaluation Report—Coal Preparation Plant No. 2 (EPA-600/S7-81-071b)
- 70107 Solar Energy for Pollution Control (EPA-600/S7-81-166)
- 70108 Inventory of Current Indoor Air Quality-Related Research (EPA-600/S7-81-119)
- 70109 Performance of a High-Velocity Pulse-Jet Filter, III (EPA-600/S7-81-027)
- 70110 Environmental Assessment: Source Test and Evaluation Report—B&W Alliance Atmospheric Fluidized-Bed Combustor (EPA-600/S7-81-076)
- 70111 Flux Force/Condensation Scrubbing for Collecting Fine Particulate from Iron Melting Cupolas (EPA-600/S7-81-148)
- 70112 Measurement of High-Temperature High-Pressure Processes—A Summary Report (EPA-600/S7-82-009)
- 70113 Mechanisms of Dry SO₂ Control Processes (EPA-600/S7-82-026)
- 70114 Development of Criteria for Extension of Applicability of Low-Emission, High-Efficiency Coal Burners: Third Annual Report (EPA-600/S7-81-171c)
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- 70118 Environmental Assessment of Combustion Modification Controls for Stationary Internal Combustion Engines (EPA-600/S7-81-127)
- 70119 Fluidized-Bed Combustion Technology Overview (EPA-600/S7-81-074)
- 70120 Level 1 Bioassay Sensitivity (EPA-600/S7-81-135)
- 70121 Effect of Emission Control Requirements on Fluidized-Bed Boilers for Industrial Applications: Preliminary Technical/ Economic Assessment (EPA-600/S7-81-149)
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- 70126 Environmental Assessment of Coal Cleaning Processes: Final Report (EPA-600/S7-82-024)
- 70127 Sampling for High-Molecular-Weight Organic Compounds in Power Plant Stack Gases (EPA-600/S7-82-039)
- 70128 Dual Alkali Acceptance Test at Louisville Gas and Electric Company (EPA-600/S7-81-159)
- 70129 Adipic Acid Enhanced Lime and Limestone Testing at the EPA Alkali Scrubbing Test Facility (EPA-600/S7-82-010)
- 70130 Recovery of Calcium Carbonate and Sulfur from FGD Scrubber Waste (EPA-600/S7-82-015)
- 70131 An Assessment of Central-Station Cogeneration Systems for Industrial Complexes (EPA-600/S7-82-017)
- 70132 An Inventory of Used and By-Product Hydrocarbon Streams (EPA-600/S7-82-031)
- 70133 EPA Utility FGD Survey, July-September 1981 (EPA-600/S7-81-012e)
- 70134 Combustion Modification Controls for Residential and Commercial Heating Systems (EPA-600/S7-81-123)
- 70135 Combustion Modification NO_x Controls for Utility Boilers (EPA-600/S7-81-124)
- 70136 Industrial Boiler Combustion Modification NO_x Controls (EPA-600/S7-81-126)
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- 70139 Ammonium Sulfate and Bisulfate Formation in Air Preheaters (EPA-600/S7-82-025a)
- 70140 Impact of NO_x Selective Catalytic Reduction Processes on Flue Gas Cleaning Systems (EPA-600/S7-82-025b)
- 70141 Pilot-Scale Assessment of Conventional Particulate Control Technology for Pressurized Fluidized-Bed Combustion Emissions (EPA-600/S7-82-028)
- 70142 Interpretation of Low Resolution Mass Spectra for Level I Analysis of Environmental Mixtures (EPA-600/S7-82-033)
- 70143 A Compendium of Synfuel End-Use Testing Programs (EPA-600/S7-82-035)
- 70144 Environmental Assessment Measurement Methods for Organic Species (EPA-600/S7-82-040)
- 70145 Control of Sulfur Emissions from Oil Shale Retorts (EPA-600/S7-82-016)
- 70146 Source Test and Evaluation Report: Alcohol Facility for Gasohol Production (EPA-600/S7-82-018)
- 70147 Augmentation of Fine Particle Collection in the EPxP Scrubber (EPA-600/S7-82-044)
- 70148 Combustion of Oil Shale in Fluidized-Bed Combustors—An Overview (EPA-600/S7-82-045)
- 70149 Application of Advanced Combustion Modifications to Industrial Process Equipment—Subscale Test Results (EPA-600/S7-82-021)
- 70150 Sampling and Data Handling Methods for Inhalable Particulate Sampling (EPA-600/S7-82-036)
- 70151 Environmental Assessment of a Low-Emission Oil-Fired Residential Hot Water Condensing Heating System (EPA-600/S7-82-038)
- 70152 Laboratory Evaluation of Level 1 Organic Analysis Procedures (EPA-600/S7-82-048)
- 70153 Evaluation of the Maintenance Effect on Fugitive Emissions from Refineries in the South Coast Air Quality Management District (EPA-600/S7-82-049)
- 70154 Further Characterization of Sorbents for Environmental Sampling—II (EPA-600/S7-82-052)
- 70155 Environmental Assessment of Stationary Source NO_x Control Technologies: Final Report (EPA-600/S7-82-034)
- 70156 Technology Overview: Circulating Fluidized-Bed Combustion (EPA-600/S7-82-051)

- 70157 Rates and Equilibria of Devolatilization and Trace Element Evolution in Coal Pyrolysis (EPA-600/S7-82-027)
- 70158 Green River Air Quality Model Development Meteorological Data—August 1980 Field Study in the Piceance Creek Basin Oil Shale Resources Area (EPA-600/S7-82-047)
- 70159 Effects of Fuel Properties and Atomization Parameters on NO_x Control for Heavy Liquid Fuel Fired Package Boilers (EPA-600/S7-82-029)
- 70160 Studies of Flue Gas Desulfurization at Louisville Gas and Electric's Paddy's Run Station (EPA-600/S7-82-032)
- 70161 Prospects for Increasing the Direct Use of Coal in Industrial Boilers (EPA-600/S7-82-046)
- 70162 Waste Heat Recovery Potential in Selected Industries (EPA-600/S7-82-030)
- 70163 Coal Gasification/Gas Cleanup Test Facility: Volume III. Environmental Assessment of Operation with New Mexico Subbituminous Coal and Chilled Methanol (EPA-600/S7-82-054)
- 70164 Verification and Transfer of Thermal Pollution Models (EPA-600/S7-82-037)
- 70165 Application of LIMB to Pulverized Coal Boilers—A Systems Analysis. Limestone Feed and Boiler Systems (EPA-600/S7-82-059)
- 70166 Procedures for Predictive Analysis of Selected Hydrologic Impacts of Surface Mining (EPA-600/S7-82-055)
- 70167 Use of Sorbents to Reduce SO₂ Emissions from Pulverized Coal Flames Under Low-NO_x Conditions (EPA-600/S7-82-060)

“Special” Project Summaries

- 80009 Limestone FGD Scrubbers: User's Handbook (EPA-600/S8-81-017)
- 80010 Assessment of Future Environmental Trends and Problems: Industrial Use of Applied Genetics and Biotechnologies (EPA-600/S8-81-020)
- 80011 Reactive Plume Model—RPM II: User's Guide (EPA-600/S8-81-021)
- 80012 Environmental Implications of Changes in the Brominated Chemicals Industry (EPA-600/S8-82-020)
- 80013 Distribution and Abundance of Submerged Aquatic Vegetation in the Lower Chesapeake Bay, Virginia (EPA-600/S8-79-029)
- 80014 Assessment of Future Environmental Trends and Problems of Increased Use, Recycling, and Combustion of Fiber-Reinforced, Plastic and Metal Composite Materials (EPA-600/S8-82-019)
- 80015 IERL-RTP Procedures Manual: Level I Environmental Assessment Biological Tests (EPA-600/S8-81-024)
- 80016 CHAVG—A Program for Computing Averages of Hourly Air Pollutant Concentrations: User's Guide (EPA-600/S8-82-015)
- 80017 PAL-DS Model: The PAL Model Including Deposition and Sedimentation—User's Guide (EPA-600/S8-82-023)
- 80018 MPTER-DS: The MPTER Model Including Deposition and Sedimentation—User's Guide (EPA-600/S8-82-024)
- 80019 Engineering Design Manual for Solid Waste Size Reduction Equipment (EPA-600/S8-82-028)

Miscellaneous Project Summaries

- 90014 Proceedings: Fourth Symposium on Fugitive Emissions: Measurement and Control (New Orleans, LA, May 1980) (EPA-600/S9-81-041)
- 90015 Proceedings: EPA/Industry Forum on Coal Liquefaction (October 1979) (EPA-600/S9-80-054)
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