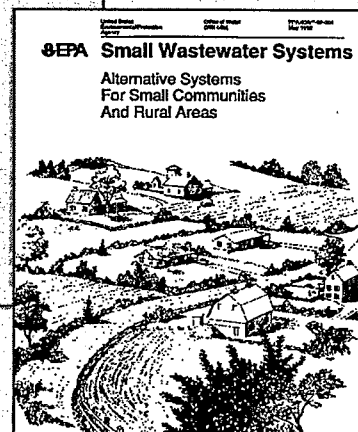
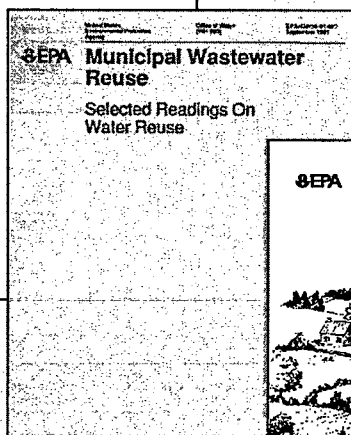
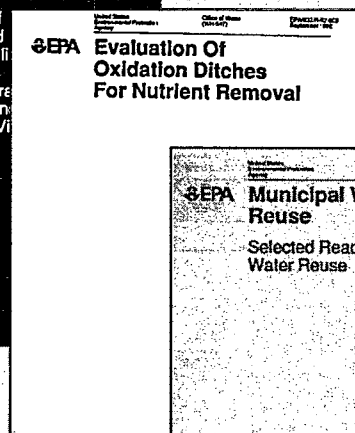
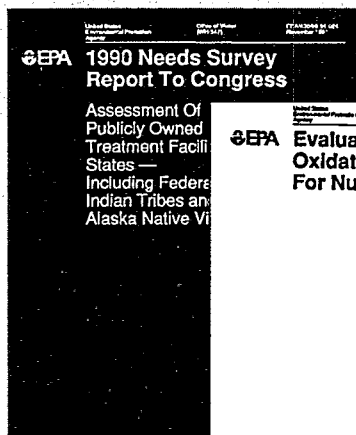




Municipal Support Division

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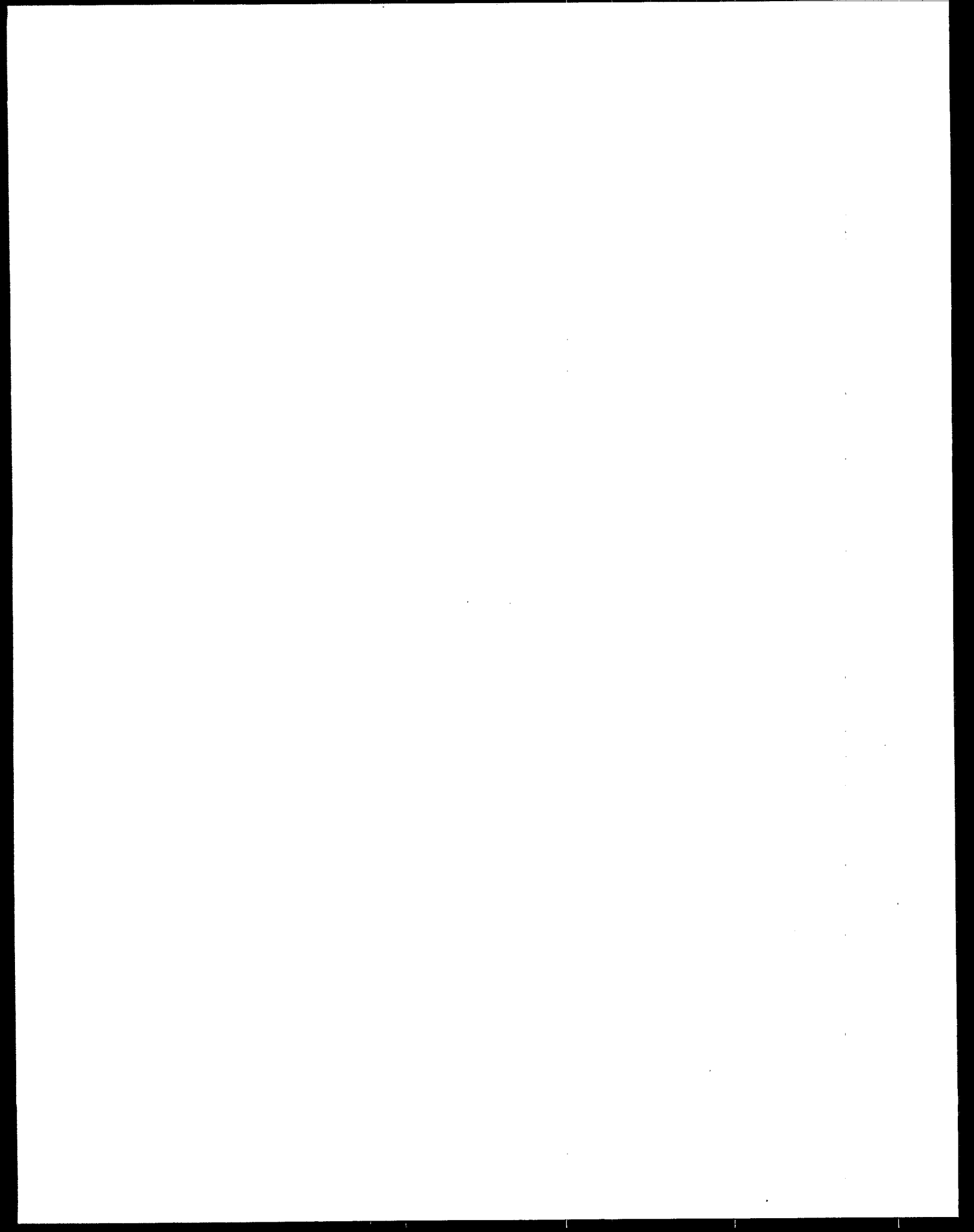
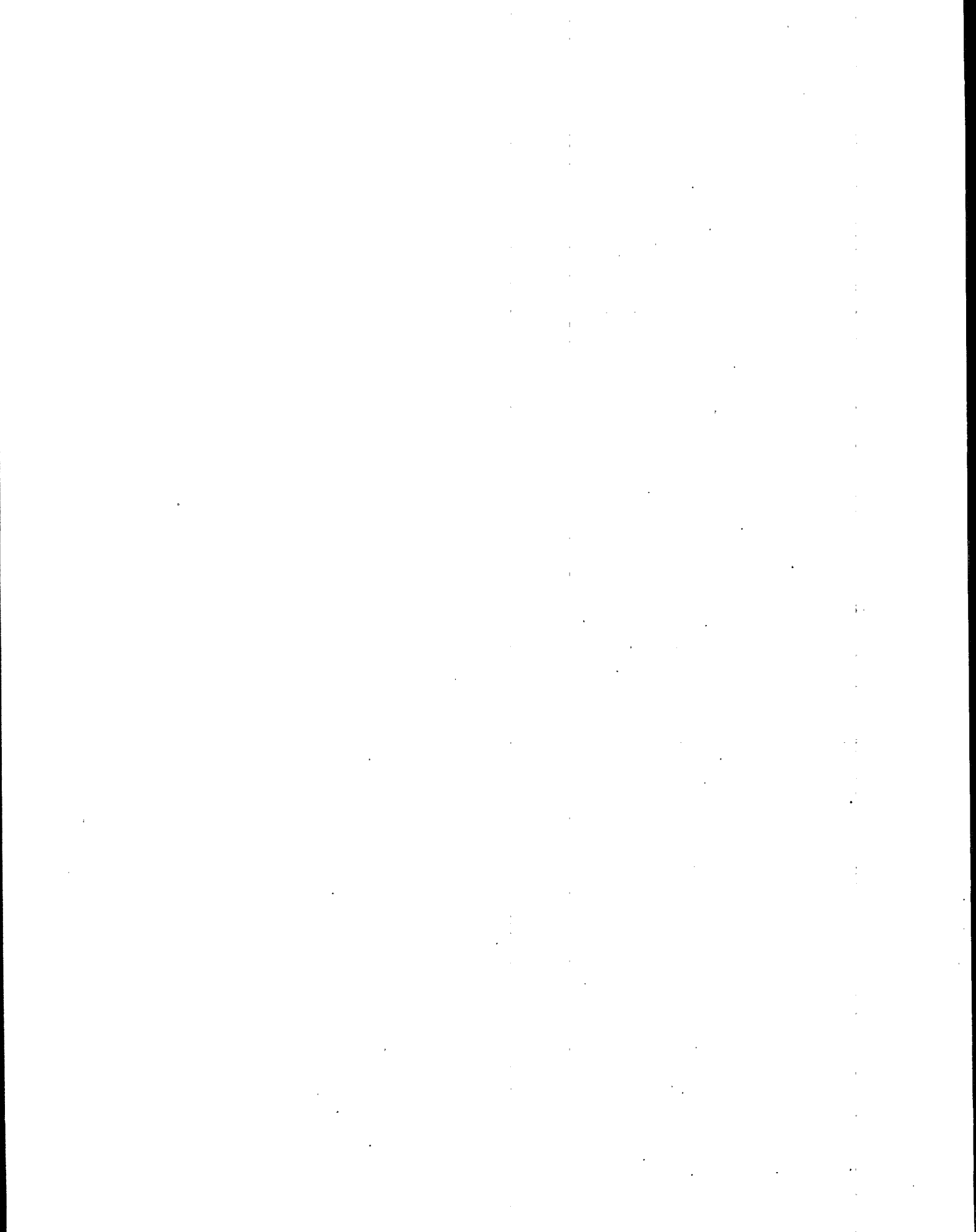


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MUNICIPAL SUPPORT DIVISION PUBLICATION LIST

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- PB 227321/AS Estimating Staffing for Municipal Wastewater Treatment Facilities, March 1973.
- PB 256613/AS Estimating Laboratory Needs for Municipal Wastewater Treatment Facilities, (EPA 430/09-74-002), June 1973.
- PB 256611/AS Maintenance Management Systems for Municipal Wastewater Facilities, (EPA 430/09-74-004), October 1973.
- PB 233111/AS A Planned Maintenance Management System for Municipal Wastewater Treatment Plants, (EPA 600/02-73-004), November 1973.
- PB 227096/AS Considerations for Preparation of Operation and Maintenance Manuals, (EPA 430/09-74-001) undated.
- PB 256614/AS Start-up of Municipal Wastewater Treatment Facilities, (EPA 430/09-74-008), December 1973.
- PB 256612/AS Emergency Planning for Municipal Wastewater Treatment Facilities, (EPA 430/09-74-013), February 1974.
- PB 279551/AS Aspects of State - Wide Emergency Programs for Municipal Wastewater Treatment Facilities, (EPA 430/09-74-014), March 1974.
- PB 279443 Operations Manual - Stabilization Ponds (EPA 430/09-77-012), August 1977.
- PB 80132673 Management of Small-to-Medium Sized Wastewater Treatment Plants, (EPA 430/09-79-013), July 1979.
- PB 82197161 Contract Operations, (EPA 430/09-82-004), February 1982.
- PB 83109348 Wastewater Utility Recordkeeping, Reporting and Management Information Systems, (EPA 430/09-82-006), July 1982.
- (ERIC only) Operator Training Programs, January 1983.
- (NSFC) Cost-Effective Operation and Maintenance - Six Cities Save Over One Million Dollars, November 1986.
- (NSFC) Contract Operation and Maintenance, The Answer for Your Town?, January 1987.

LAND APPLICATION OF WASTEWATER

- PB 257440/AS Evaluation of Land Application Systems, (EPA 430/09-75-001), March 1975.
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- PB 81163677 Land Treatment and Reuse of Sewage Effluent by Irrigation: A Perspective for Hawaii, (EPA 430/09-78-005), February 1978.
- PB 284857/AS Environmental Changes from Long-Term Application of Sewage Effluent on Land, (EPA 430/09-78-003), March 1978.
- PB 284824/AS Application of Sludges and Wastewater On Agricultural Land: A Planning and Educational Guide, (Reprinted with permission of Ohio State University), March 1978.
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- PB 298227 A History of Land Application as a Treatment Alternative, (EPA 430/09-79-012), April 1979.
- PB 85233146 Overland Flow: A Decade of Progress, February 1984.

SLUDGE TREATMENT AND DISPOSAL

- PB 250129/AS Anaerobic Sludge Digestion: Operations Manual, (EPA 430/09-76-001), February 1976.
- PB 264015/AS Application of Sewage Sludge to Cropland; Appraisal of Potential Hazards of the Heavy Metals to Plants and Animals, (EPA 430/09-76-013), November 1976.
- PB 279449/AS Sludge Handling and Conditioning - Operations Manual, (EPA 430/09-78-002), February 1978.
- PB 8110856 A Guide to Regulations and Guidance for the Utilization and Disposal of Municipal Sludge, (EPA 430/09-80-015), September 1980.
- PB 81240509 Composting Processes to Stabilize and Disinfect Municipal Sewage Sludge, (EPA 430/09-81-011), June 1981.
- PB 83128629 Institutional Constraints and Public Acceptance Barriers to Utilization of Municipal Wastewater and Sludge for Land Reclamation and Biomass Productions, (EPA 430/09-81-013), July 1981.
- PB 83156307 Sludge and the Land: The Role of Soil and Water Conservation Districts in Land Application of Sewage Sludge, (EPA 430/09-82-007), September 1982.
- PB 83164202 Sludge Recycling for Agricultural Use, (EPA 430/09-82-008), October 1982.
- PB 86179660/AS Multiple-Hearth and Fluid Bed Sludge Incinerators: Design and Operational Considerations, (EPA 430/09-85-002), September 1985.
- PB 86120003 Heat Treatment/Low Pressure Oxidation Systems: Design and Operational Considerations, (EPA 430/09-85-001), September 1985.

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SLUDGE TREATMENT AND DISPOSAL (Continued)

- PB90161902/AS** Startup and Operation of Chemical Process Technologies in the Municipal Sector: The Carver-Greenfield Process for Sludge Drying (EPA 430/09-89-007), June 1989.
- (ERIC) EPA's Policy Promoting the Beneficial Use of Sewage Sludge and the New Proposed Technical Sludge Regulations (pamphlet), June 1989.

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- PB 257449/AS** Disinfection of Wastewater Task Force Report, (EPA 430/09-75-012), March 1976.
- PB 264937/AS** Industrial Waste and Pretreatment in the Buffalo Municipal System, (EPA 430/09-78-003), January 1977.
- PB 8013935** Evaluation of Flow Equalization in Municipal Wastewater Treatment, (EPA 600/02-79-096), May 1979.
- PB 85231165/AS** Infiltration/Inflow - I/I Analysis and Project Certification, May 1985.
- PB 88124078** Preliminary Treatment Facilities: Design and Operational Considerations (EPA 430/09-87-007), September 1987.
- PB 90272022** Rainfall Induced Infiltration - Report to Congress, (EPA 430/09-90-005), August 1990.
- (ERIC) Municipal Wastewater Disinfection: Protecting Aquatic Life and Public Health (pamphlet) (EPA 430/09-91-001), February 1991.

SECONDARY & ADVANCED TREATMENT TECHNOLOGIES

- PB 279474/AS** Process Control Manual for Aerobic Biological Wastewater Treatment Facilities, (EPA 430/09-77-006), March 1977.
- PB 279444/AS** Package Treatment Plants - Operations Manual, (EPA 430/09-77-005), April 1977.
- PB 286920** Upgrading Trickling Filters, (EPA 430/09-78-004), June 1978.
- PB 81116816** Chemical Aids Manual for Wastewater Facilities, (EPA 430/09-79-018), December 1979.
- (ERIC only) Independent Physical - Chemical (IPC) Treatment of Municipal Wastewater - Design and Operation Feedback, July 1984.
- PB 85121226** Summary of Design Information on Rotating Biological Contractors, (EPA 430/09-84-008), September 1984.
- PB 85174191/AS** Advanced Waste Treatment Performance Evaluation Summary Report, (EPA 430/09-84-002), undated-printed 3/85.
- PB 91102095** Assessment of the Biolac Technology (EPA 430/09-90-013), September 1990.
- PB 91206276** Assessment of Single-Stage Trickling Filter Nitrification (EPA 430/09-91-005), May 1991.

MUNICIPAL WATER USE EFFICIENCY (WATER CONSERVATION)

- PB 80125065** Proceedings - National Conference on Water Conservation and Municipal Wastewater Flow Reduction, November 28 & 29, 1978 - Chicago, Ill, (EPA 430/09-79-015), August 1979.
- PB 81128639** Residential Water Conservation: An Annotated Bibliography, March 1980.
- (ERIC only)** The Alternative is Conservation, August 1980.
- PB 81203713** Flow Reduction - Methods, Analysis, Procedures, Examples, March 1981.
- PB 83150508** Flow Reduction: Developing a Public Information Program, August 1982 (NTIS only).
- (NSFC)** Yes, You Can - Two Small Towns Show How to Save Money and Water (Brochure) (21W-7004), April 1991.

PERFORMANCE EVALUATIONS & VALUE ENGINEERING

- PB 279448/AS** Field Manual for Performance Evaluation and Troubleshooting at Municipal Wastewater Treatment Facilities, (EPA 430/09-78-001), January 1978.
- PB 82190455** Process Design and Cost Estimating Algorithms for the Computer Assigned Procedure for Design Evaluation of Wastewater Treatment Systems (CAPDET) (EPA 430/09-79-008), 1979.
- PB 80138605** Inspector's Guide for Evaluation of Municipal Wastewater Treatment Plants, (EPA 430/09-79-010), April 1980.
- PB 81120941** Recommendations from Value Engineering Studies in Wastewater Treatment Works, (EPA 430/09-80-010), September 1980.
- PB 82212770** Comprehensive Diagnostic Evaluation and Selected Management Issues (EPA 430/09-82-003), February 1982.
- PB 85135622** Value Engineering for Wastewater Treatment Works, (EPA 43-0/09-84-009), September 1984.
- PB 88184858/AS** Value Engineering for Small Communities (EPA 430/09-87-011), March 1988.
- PB 89193346/AS** Analysis of Performance Limiting Factors (PLFs) at Small Sewage Treatment Plants (OMPC-10-89), April 1989.

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- PB 279443/AS** Operations Manual - Stabilization Ponds, (EPA 430/09-77-012), August 1977.
- PB 81156705** Aquaculture Systems for Wastewater Treatment: Seminar Proceedings and Engineering Assessment, (EPA 430/09-80-006), September 1979.
- PB 81156689** Aquaculture Systems for Wastewater Treatment - An Engineering Assessment, (EPA 430/09-80-007), June 1980.
- PB 83191601** Benefits and Implementation Potential Wastewater Aquaculture, May 1982.

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AQUACULTURE, WETLANDS, PONDS, & LAGOONS (Continued)

- (ERIC only) Report on the Use of Wetlands for Municipal Wastewater Treatment and Disposal (EPA 430/09-88-005), October 1987.
- (ERIC only) Report to Congress - Municipal Wastewater Lagoon Study (Volume 1 - Conclusions) (Volume 2 - Data Base), November 1987.

FINANCE

- PB 257651/AS Federal Guidelines: Industrial Cost Recovery Systems, (EPA 430/09-76-016), February 1976.
- (ERIC only) Financial Capability Guidebook (Revised), March 1984.
- PB 84229319 Utility Manager's Guide to Financial Planning, May 1984.
- (ERIC only) Financial Capability Summary Foldout - A Simplified Approach, June 1984.
- PB 85121234 Financial Management System for Publicly-Owned Treatment Works (Accounting Options), (EPA 430/09-84-005), June 1984.
- PB 84240076 User Charge Guidance Manual for Publicly-Owned Treatment Works, June 1984.
- (NSFC) Reducing the Cost of Operating Municipal Wastewater Treatment Facilities, December 1985.
- (NSFC) Touching All Bases - A Financial Management Handbook for Your Wastewater Treatment Project (EPA 430/09-86-001), September 1986.
- PB 88149786/AS Looking at User Charges - A State Survey and Report, September 1987.
- PB 88179304/AS Reference Guide on State Financial Assistance Programs (EPA 430/09-88-0004), February 1988..
- (ERIC/NSFC) Water and Wastewater Managers Guide for Staying Financially Healthy (EPA 430/09-89-004), July 1989.
- (ERIC/NSFC) Building Support for Increasing User Fees (EPA 430/09-89-006), July 1989.

CONSTRUCTION GRANTS

- (ERIC only) Operating Procedures for "Monitoring Construction Activities" at Projects Funded Under the Environmental Protection Agency's Construction Grants Programs, September 1983.
- PB 85119683 Construction Grants 1985 (CG-85), (EPA 430/09-84-004), July 1984.
- PB 85204543 Construction Grants Program for Municipal Wastewater Treatment Works - Handbook of Procedures, (EPA 430/09-84-003), October 1984.
- PB 85194678/AS Prevention and Resolution of Contractors Claims - EPA Construction Grant Program Guide for Municipal Grants, March 1985.

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CONSTRUCTION GRANTS (Continued)

- PB 85244952/AS Regulation and Policy Matrices - A Guide to Rules Governing Grants Programs Awarded Under the Construction Grants Program, April 1985.
- PB 85236055/AS Transmittal Memorandum 85-1- Handbook of Procedures - Construction Grants Program for Municipal Wastewater Treatment Works, July 1985.
- PB 86113453/AS Regulations and Policy Matrices - A Guide to the Rules Governing Grants Awarded Under Construction Grants Program - Update 1985 - September 1985.
- PB 86184819/AS Transmittal Memorandum 86-1- Handbook of Procedures - Construction Grants Program for Municipal Wastewater Treatment Works, March 1986.
- PB 87114013/AS Management of a Construction Project - A Guide for Grantees, April 1986.
- PB 87110037/AS Regulation and Policy Matrices - A Guide to Rules Governing Grants Awarded Under the Construction Grants Program -Update -1986, September 1986.
- PB 88157417/AS Transmittal Memorandum 87-1 -Handbook of Procedures - Construction Grant Program for Municipal Wastewater Treatment Works, April 1987.
- PB 89208938/AS Regulation and Policy Matrices - A Guide to Rules Governing Grants Awarded Under the Construction Grants Program -Update 1987, September 1988.
- PB 89226104/AS Transmittal Memorandum 89-1- Handbook of Procedures - Construction Grant Program for Municipal Wastewater Treatment Works, July 1989.
- PB 90216821 Regulation and Policy Matrices - A Guide to Rules Governing Grants Programs Awarded Under the Construction Grants Program - Update 1989, September 1989.
- PB 91125849 Regulation and Policy Matrices - A Guide to the Rules Governing Grants Award Under the Construction Grants Program - Update 1990 (20W-7002), August 1990.
- PB 90272865 Funding of Expanded Uses Activities by State Revolving Fund Programs: Examples and Program Recommendations (EPA 430/09-90-006), May 1990.
- PB 91191338/AS State Revolving Fund (SRF) Interim Report to Congress - Financial Status and Opeations of Water Pollution Control Revolving Fund (EPA 430/09-91-004), April 1991.
- (NTIS) State Revolving Fund (SRF) Repot to Congress -Financial Status and Operations of Water Pollution Control Funds (Final) (EPA 430/09-91-008), September 1991.

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ENERGY

- PB 81165391** Energy Conservation in Municipal Wastewater Treatment, (EPA 430/09-77-011), October 1977.
- PB 81298219** Energy Management Diagnostic (EPA 430/09-82-002), February 1982.
- PB 87194098/AS** Energy in Municipal Wastewater Treatment - An Energy Audit Procedure and Supporting Data Base, (Final Report), July 1986.
- PB 87194106/AS** Energy in Municipal Wastewater Treatment - An Energy Audit Procedure and Supporting Data Base, (Appendix A), July 1986.
- PB 87194114/AS** Energy In Municipal Wastewater Treatment - An Energy Audit Procedure and Supporting Data Base, (Appendix B), July 1986.
- PB 87194122/AS** Energy In Municipal Wastewater Treatment - An Energy Audit Procedure and Supporting Data Base, (Appendix C), July 1986.

SRF & CONSTRUCTION

- (ERIC only)** Construction Inspection Guide, Printed in three volumes, (EPA 430/09-76-005), July 1976.
- PB 83211490/AS** Management of Construction Change Orders - Guide for Grantees, March 1983.
- PB 88179296/AS** SRF Initial Guidance on State Revolving Funds, January 1988.
- PB 8915527/AS** SRF Letter of Credit - How is it Used in EPA's State Revolving Fund Program?, September 1988.
- (ERIC only)** State Revolving Fund Management Manual, December 1988.
- PB 90124058/AS** Construction Incentive Guidance (EPA 430/09-89-004), October 1989.
- PB 92272865** Funding of Expanded Uses Activities by State Revolving Fund Programs - Examples and Program Recommendations (EPA 430/09-90-006), August 1990.

INNOVATIVE & ALTERNATIVE TECHNOLOGY

- PB 84133966** Affluent Effluent - New Choices in Wastewater Treatment, September 1983.
- PB 87230165** Innovative and Alternative Technology Projects: 1987 Project Report, September 1987.
- PB 89143390/AS** Municipal Wastewater Conveyance and Treatment - Technology Progress and Emerging Issues, September 1988.
- PB 90160961** Effectiveness of the Innovative and Alternative Wastewater Treatment Program - Report to Congress (EPA 430/09-89-09), September 1989.
- PB 91104265** Proceedings of the USEPA Municipal Wastewater Treatment Technology Forum, 1990 (EPA 430/09-90-015), September 1990.

SMALL COMMUNITIES

- (ERIC only) Small Wastewater Systems - Alternative Systems for Small Communities and Rural Areas, January 1980, (foldout).
- (ERIC only) Primer for Wastewater, July 1980.
- PB 81172710 Generic Facilities Plan for a Small Community: Stabilization Pond and Oxidation Ditch (EPA 430/09-81-007), February 1981.
- PB 83250530 Managing Small and Alternate Wastewater Systems: A Planning Manual (EPA 430/09-83-008), May 1983.
- (NSFC) Is Your Proposed Wastewater Project Too Costly? Options for Small Communities, May 1984.
- PB 85232585/AS Technology Assessment of Intermittent Sand Filters, April 1985.
- (NSFC) It's Your Choice - Guide for Local Officials on Small Community Wastewater Management (EPA 430/09-87-006), September 1987.
- (NSFC) Collecting Household Hazardous Wastes at Wastewater Treatment Plants - Case Studies (EPA 430/09-90-016), December 1990.

REGULATIONS, GUIDANCE, & NEEDS

- PB 85164341/AS Study of the Future Federal Role in Municipal Wastewater Treatment - Report to the Administrator, December 1984.
- PB 85164333/AS Appendices to the Administrator - Study of the Future Federal Role in Municipal Wastewater Treatment, January 1985.
- PB 88123989/AS Municipal Facility/Waterbody Computerized Information - An Introduction, October 1987.
- PB 89187421/AS Report to Congress - Indian Wastewater Treatment - Needs and Assistance, January 1989.
- PB 89189633/AS 1988 Needs Survey - Report to Congress - Assessment of Needed Publicly Owned Wastewater Treatment Facilities in the United States (EPA 430/09-89-001), February 1989.
- PB 89195234/AS Guidelines and Requirements for Applying for Grants From the Indian Set-Aside Program, (EPA 430/09-88-010), April 1989.
- PB 90129263 Overview of Selected EPA Regulations and Guidance Affecting POTW Management, (EPA 430/09-89-008) August 1989.
- PB 91125930 State Design Criteria for Wastewater Treatment Systems (EPA 430/09-90-014), September 1990.

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WATER QUALITY

- PB 257790/AS** Protection of Shellfish Waters, (EPA 430/09-74-010), July 1974.
- PB 257446/AS** Alternative Waste Management Techniques for Best Practicable Waste Treatment, (EPA 430/09-75-013), October 1975.
- PB 82134768** The Role of Conservation Districts and the Agricultural Community in Wastewater and Treatment, (EPA 430/09-81-019), September 1981.
- PB 80185515** Estimate of Effluent Limitation to be Expected Properly Operated and Maintained Treatment Works, undated.
- PB 84201730/AS** Before and After Case Studies: Comparisons of Water Quality Following Municipal Treatment Plant Improvement, (EPA 430/09-83-007), May 1984.

NEW PUBLICATIONS (1992)

This material will be available from both NTIS and ERIC. Contact both sources, prices may vary widely. Ordering numbers not available at this writing.

- Detention, Control and Correction of Hydrogen Sulfide Corrosion in Existing Wastewater Systems (EPA 832-E-92-001) (July 1992)
- Determining Wastewater User Service Charge Rates - A Step-by-Step Manual (includes disk) (EPA 430/05-91-011) (September 1992)
- Evaluation of Oxidation Ditches for Nutrient Removal (EPA 832-R-92-003) (September 1992)
- 1990 Needs Survey - Report to Congress - Assessment of Needed Publicly Owned Wastewater Treatment Facilities in the United States — Including Federally Recognized Indian Tribes and Alaska Native Villages (EPA 430/09-91-024) (November 1991)
- (The) Road to Financing - Assessing and Improving Your Community's Creditworthiness" (EPA 430/09-91-23) (October 1991)
- Sequencing Batch Reactors for Nitrification and Nutrient Removal (EPA 832-R-92-002) (July 1991)
- Storm Water Management for Construction Activities - Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-005) (July 1992)
- Storm Water Management for Industrial Activities - Developing Pollution Prevention Plans and Best Management Practices (EPA 832-R-92-006)
- UV disinfection Technology Assessment (EPA 832-R-92-004) (September 1992)

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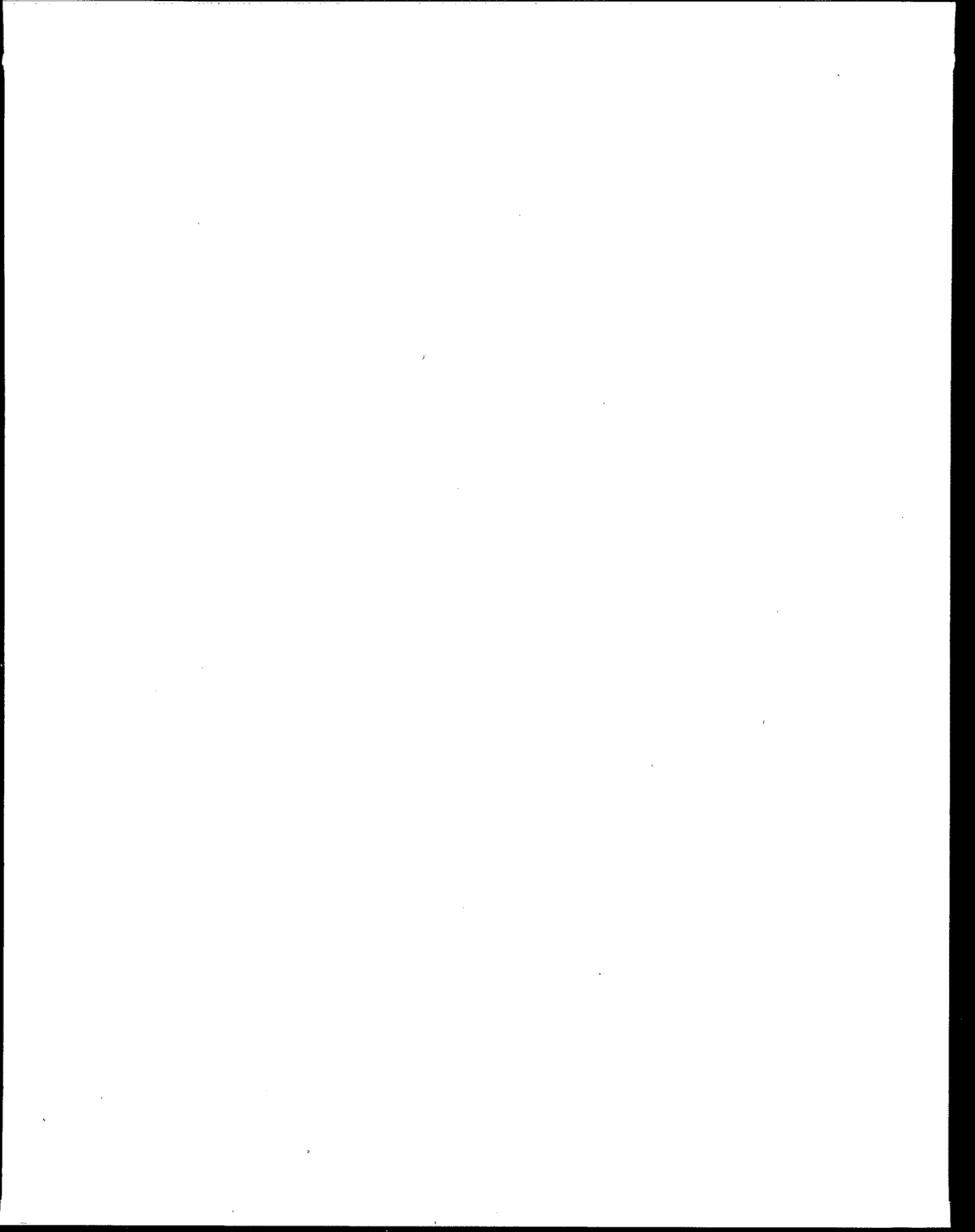
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Springfield, VA 22161
Call for prices: (703) 487-4650

Education Resource Information Center (ERIC)
Clearinghouse for Science, Mathematics
and Environmental Education (CMEE)
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Columbus, OH 43212
Tel.: (614) 292-6717

National Small Flows Clearinghouse (NSFC)*
466 High Street
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