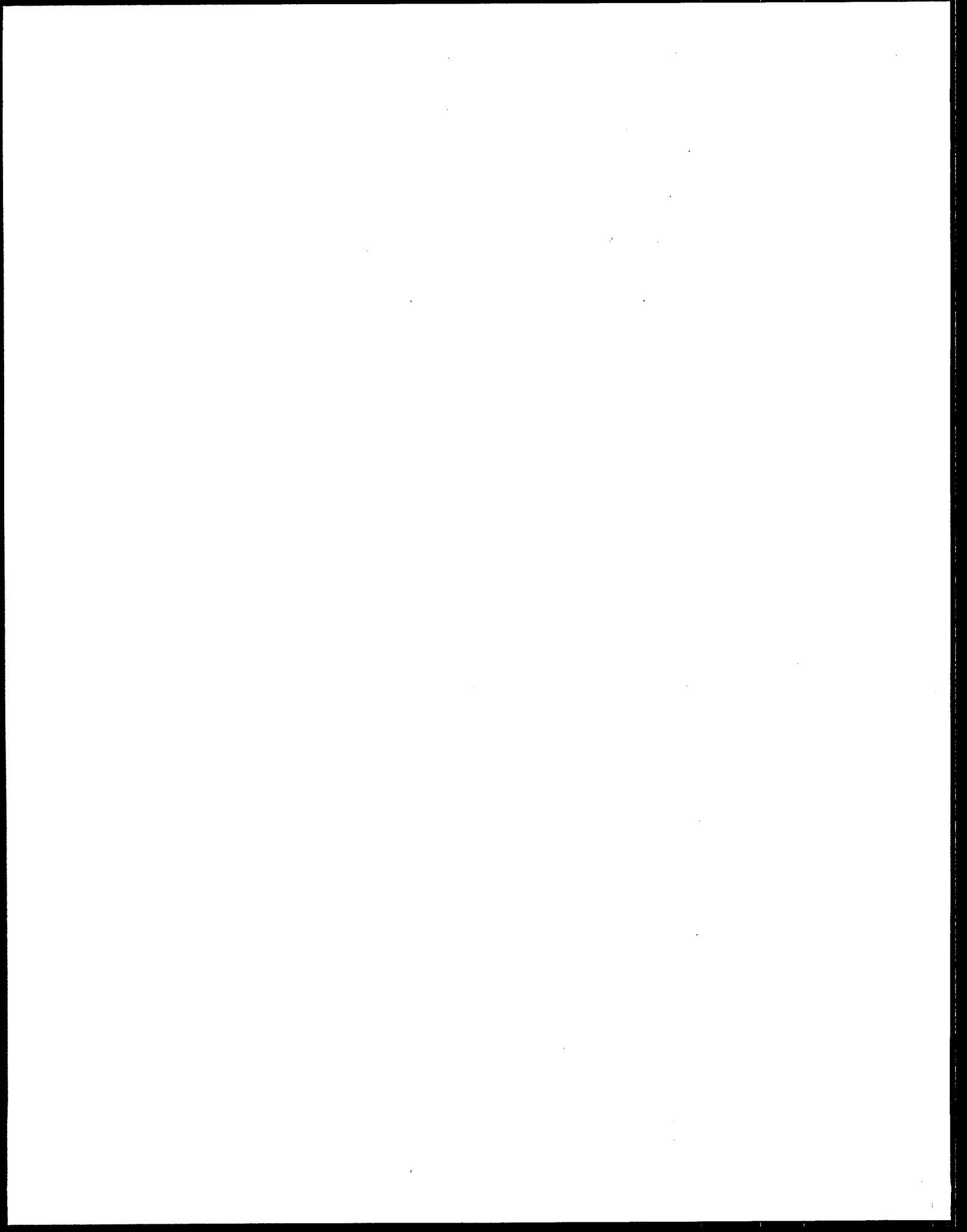




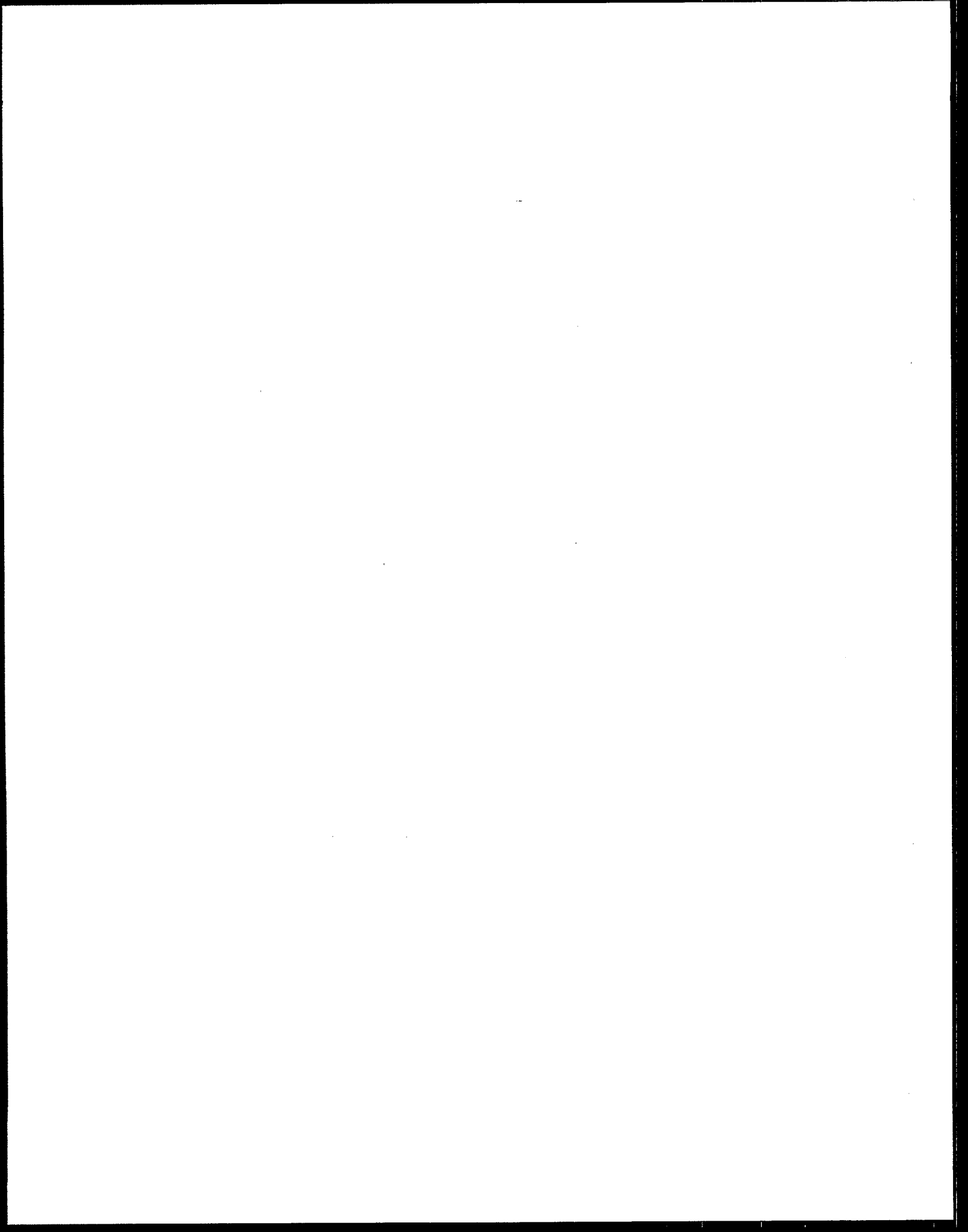
Office of Wetlands, Oceans and Watersheds 1998 Publication List





Introduction

EPA's Office of Wetlands, Oceans and Watersheds (OWOW) was created in April 1991. OWOW combines EPA's responsibilities for addressing nonpoint source pollution; restoring and protecting wetlands, lakes, rivers, coastal and marine environments; and coordinating surface water monitoring and water quality assessment activities.





Office of Wetlands, Oceans and Watersheds Publications

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Instructions

Organization

The publications in this list are divided into seven topic areas. Each topic, except Data Management and Bulletins, has two sections: General and Technical. *General publications* can be easily understood by the lay reader. *Technical publications* are scientific or regulatory in nature and require an understanding of the program area. The topics are:

- *Wetlands*: wetlands uses, protection and regulation;
- *Oceans/Coastal*: ocean discharges, ocean surveys, marine and estuarine protection;
- *Watershed Protection*: basin-wide lake and reservoir protection and restoration, and total maximum daily loads (TMDLs);
- *Nonpoint Source*: prevention and treatment of agricultural and urban runoff;
- *Data Management* information systems documentation and data quality assurance/quality control (QA/QC) guidance;
- *Water Quality Assessment&Monitoring*: volunteer monitoring, ocean discharge, water quality reports, bioaccumulation, and water quality monitoring guidance; and
- *Bulletins*: cut across all topic areas, disseminate information to a targeted group of readers on a variety of production schedules.

NOTE: Topic areas are broadly defined. Publications are not cross referenced. Since there may be some overlap, review the entire list.

Entry Format

Title

Publication Number

Publication Date

URL

The Watershed Approach

EPA840-K-96-001

3/96

<http://www.epa.gov/owow/watershed/wal.html>

Description (Number of Pages)

A brochure that presents EPA's three components for achieving a watershed approach. Includes a list of watershed outreach coordinators in the 10 EPA Regions. (1 pg.)

NOTE: Some entries may not have a publication number, publication date or URL.



Ordering Information

To order Wetlands publications, use the EPA Wetlands Information Hotline Publications Order Form on page 43 of this booklet or call the EPA Wetlands Information Hotline (contractor operated) at 1-800-832-7828 or email requests to: wetlands-hotline@epamail.epa.gov. Hotline hours of operation are Monday - Friday, 9:00 am to 5:30 pm (EST). See inside back cover for additional information on the Wetlands Information Hotline.

To order most other General or Technical publications, use the Publications Order Form on page 41 of this booklet. Include the publication number and title. Due to a limited supply of publications, we can provide only one copy of each publication per person.

Several publications listed in this document can not be obtained by using the Publications Order Forms. Sources for these publications are noted at the end of the description of the publication.

To subscribe to a Bulletin, place an "X " next to the title on the Bulletins Order Form on page 45.

Clearly print your name, address, and daytime telephone number. Mail or fax completed order forms to address indicated on the order form.

If the Order Forms are missing, you may mail your order on a plain piece of paper to: U.S. Environmental Protection Agency, Office of Wetlands, Oceans, and Watersheds (4501F), 401 M Street, SW, Washington, DC 20460.

Most publications are free



Wetlands

<http://www.epa.gov/OWOW/wetlands>

General

Alaska Wetlands Initiative
1994

1994 package of recommendations responding to the needs of Alaskans that reflect the unique circumstances in that state. (32 pp.)

Beyond the Estuary: The Importance of Upstream Wetlands in Estuarine Processes
EPA 20W-5003
6/90

Identifies the types of wetlands that are located above estuaries, and briefly outlines the functions those areas perform. Describes the relationships between these upstream wetland functions and estuarine processes. Also describes activities threatening the upstream wetlands and mechanisms for their protection. (8 pp.)

Catalog of State Wetlands Protection Grants: Fiscal Year 1990 - Fiscal Year 1994
1993

Lists descriptions of State Wetlands Protection Grants awarded. The grants are available for a variety of purposes, including development of state wetlands conservation plans, wetlands water quality standards, and monitoring the status and trends of wetlands losses. Provides state agencies with examples of types of projects funded and grant application guidance. (1 pg)

1994 available only on-line at:
<http://www.epa.gov/OWOW/wetlands/partners/grant94.html>

EPA Regional Office Annual Report of the White House Interagency Wetlands Coordinators Phone List
1997

Lists Wetlands Regional Coordinators names, and phone numbers within each EPA Regional Office. (1 pg.)

EPA Wetlands Fact Sheets
EPA 843-F-95-001
2/95
<http://www.epa.gov/OWOW/wetlands/contents.html>

A series of easy-to-read fact sheets designed to provide basic information on issues surrounding wetlands, including wetlands delineation, consequences of wetlands loss, takings, state roles in wetlands protection, mitigation banking, wetlands and agriculture, partnerships with property owners, wetland planning programs and more. (32 fact sheets)



Journal of Soil and Water Conservation: Special Wetlands Issue - November/December 1995
Volume 50, Number 6
12/95

Protecting America's Wetlands: A Fair, Flexible and Effective Approach
EPA843-E-93-001
8/93
<http://www.epa.gov/OWOW/wetlands/WetPlan/index.html>

Protecting Floodplain Resources: A Guidebook for Communities
6/96

Protecting Wetlands: Creating a Sense of Stewardship by Elana Cohen, The National Voter
June/July 1996

State Wetlands Assistance Guide: Voluntary Stewardship Options for State's Private Landowners
5/95
<http://www.epa.gov/OWOW/wetlands/WAG/index.html>

Wetlands and 401 Certification (Opportunities and Guidelines for States and Eligible Indian Tribes)
4 /89

Wetlands are Wonderlands Student Activity Packet

Wetlands Information Hotline Fact Sheet
1997
<http://www.epa.gov/OWOW/wetlands/wetline.html>

Features articles on water resources management in the Florida Everglades; agricultural and ecological benefits in the Everglades; geographic information system-based nonpoint source pollution modeling; what farmers should know about wetlands and downstream flood attenuation and water quality as result of constructed wetlands. Also features an article by Robert H. Wayland III on the Clinton Administration's Perspective on Wetlands Protection. (100 pp.)

Presents the Clinton Administration Wetlands Plan which includes approximately 40 policy guidelines to meet the goal of "No Net Loss" of wetlands through effective regulation and fairness to landowners. (26 pp.)

Developed by the Federal Interagency Floodplain Management Task Force, it includes discussions on the history of floodplain and natural resource management; multiple uses of floodplains; planning for resource protection and restoration; and four case studies. (41 pp.)

Presents an overview of the key challenges in wetlands protection today: generating a sense of stewardship among private landowners who control the majority of the nation's remaining wetlands. Article in the League of Women Voters The National Voter magazine.

A generic template developed by the National Wetlands Conservation Alliance designed for use by state, regional and local agencies and organizations to assist private landowners with stewardship options and programs. (38 pp.)

Examines the Section 401 state water quality certification process and how it applies to wetlands. States are encouraged to use this handbook when establishing a wetlands protection program or improving wetlands protection tools. (64 pp.)

An educational packet for elementary and middle school students that includes a series of nine posters and a student activity page with puzzles. (12 pp.)

Describes the services and functions of the EPA Wetlands Information Hotline. Provides the Hotline's telephone number, hours of operation, and Internet, e-mail, and mailing addresses. (1 pg.)



Wetlands Information Resource Guide
EPA902-K-94-001
12/94

Wetlands Reading List
EPA 843-B-94-002
1/95
<http://www.epa.gov/OWOW/wetlands/science/readlist.html>

Wetlands Water Quality Standards
EPA840-V-96-001
1996
<http://www.epa.gov/owow/wetlands/video.html>

Why Develop a State Wetlands Conservation Plan? 2/93
<http://www.epa.gov/OWOW/wetlands/partners/swcp.html>

A World in Our Backyard: A Wetlands Education and Stewardship Program

The Young Scientist's Introduction to Wetlands
1993
<http://www.wes.army.mil/el/wetlands/ysi.html>

Clean Water Act Regulatory Program; Final ("Tulloch Rule")
Federal Register Notice 8/25/93
Federal Register Correction Notice 9/15/93

A resource guide for educators that includes listings and sources of curricula activities and materials; slide shows and videos; regulatory and legislative information; and conservation and planning materials. Appropriate for all ages. (48 pp.)

An annotated list of reading material to supplement lesson plans for students K-12 and to provide a list of suggested material for independent reading. (38 pp.)

This video uses a journalistic approach to illustrating examples of states using water quality standards to protect and restore their wetlands. While the focus is on wetlands standards, the video provides valuable information on the values and functions of wetlands. (25 min.) **Copies may be borrowed by calling the Wetlands Hotline at 1-800-832-7828.**

Describes the Advantages of State Wetlands Conservation Plans, the key components, EPA's role in helping states develop State Wetland Conservation Plans, and sources of more information (including grant sources). (9 pp.)

This guide is a resource of information about wetlands in New England for educators. It suggests ways of studying wetland characteristics, why wetlands are important, and how students and teachers can help to protect a local wetland resource. This guide is unique in that it encourages students to go beyond learning about wetlands by "adopting" one: to have them become familiar with a local wetlands and advocate its protection through stewardship activities. (144 pp.)

An information packet for middle school students that describes and discusses wetlands, wetlands plants and animals, and the values and types of wetlands. (14 pp.)

Technical

This final rule, issued jointly by EPA and the Department of the Army, modifies the definition of "discharge of dredged material," clarifies the placement of pilings and exempts prior converted croplands from the section 404 program. (31 pp., plus 1 pg. correction)



*Clean Water Act Section 404 Issuance of
Nationwide Permit for Single-Family Housing;
Final Rule*

Federal Register Notice 7/27/95

<http://www.epa.gov/OWOW/wetlands/plan/single.html>

*Clean Water Act Section 404 Nationwide Permit
Program Regulations and Issue, Reissue, and
Modify Nationwide Permits; Final Rule*

Federal Register Notice 12/13/96

<http://www.epa.gov/OWOW/wetlands/regs/nwp.html>

*Clean Water Act Section 404 Program Definition
and Permit Exemptions; Section 404 State
Program Regulations; Final Rule*

Federal Register Notice 6/16/88

<http://www.epa.gov/OWOW/wetlands/40cfr/part233.html>

*Environmental Protection Agency: 404(b)(1)
Guidelines*

12/80

<http://www.epa.gov/OWOW/wetlands/40cfr/part230.htm>

*Executive Order 11990: Protection of Wetlands
5/77*

<http://www.epa.gov/OWOW/wetlands/regs/eo11990.html>

*Federal Interagency Mitigation Banking
Guidance; Final Rule*

Federal Register Notice 11/28/95

<http://www.epa.gov/OWOW/wetlands/mitbankn.html>

*Guidance on Developing Local Wetlands Projects
1991*

Regulations used by the U.S. Army Corps of Engineers, pursuant to section 404(e) of the Clean Water Act and section 10 of the Rivers and Harbors Act for single-family residential housing activities. The nationwide permit provides for effective protection of the aquatic environment while substantially reducing regulatory burdens on landowners. (13 pp.)

Regulations used by the U.S. Army Corps of Engineers, pursuant to section 404(e) of the Clean Water Act, 33 CFR Part 330, to issue general permits authorizing specific activities which are similar in nature and will cause minimal adverse environmental effects individually or cumulatively. The 36 nationwide permits identified in the rule are designed to speed the permitting process, as long as the authorized activities do not cause serious environmental harm. (37 pp.)

Includes section 404 program definitions, section 404(f) permit exemptions, and the procedures and criteria used in approving, reviewing and withdrawing approval of state section 404 programs. (24 pp.)

Contains the substantive environmental criteria used by EPA and the Army Corps of Engineers in evaluating discharges of dredged or fill material under Section 404 of the Clean Water Act. Codified under 40 CFR Part 230. This document is a reprint of the rule published on December 24, 1980 (45 FR 85336) titled "Guidelines for Specification of Disposal Sites for Dredged or Fill Material." (22 pp.)

This guidance, signed by President Carter, emphasizes the significance of Federal agencies working together to avoid long- and short-term impacts associated with the destruction or modification of wetlands. (3 pp.)

This guidance clarifies the manner for which the establishment, use and operation of mitigation banks may be used to satisfy mitigation requirements under Clean Water Act Section 404 Permit Program and the wetlands conservation provisions of the Food Security Act. (10 pp.)

Case studies describing types of wetlands programs, the methods of implementation, and the successes and failures resulting from the establishment of these programs. Submitted to EPA by the New England Interstate Water Pollution Control Commission. (37 pp.)



Guidelines for Specification of Disposal Sites for Dredged or Fill Material; Clean Water Act Section 404(b)(1) Guidelines
Federal Register Notice 12/24/80
<http://www.epa.gov/OWOW/wetlands/40cfr/part230.html>

Livestock Grazing on Western Riparian Areas
EPA843-R-93-002
8/93

Memorandum for the Field on Application of Best Management Practices to Mechanical Silvicultural Site Preparation Activities for the Establishment of Pine Plantations in the Southeast
11/95
<http://www.epa.gov/OWOW/wetlands/siv2.html>

Memorandum for the Field on Appropriate Level of Analysis Required under the Section 404(b)(1) Guidelines
8/93
<http://www.epa.gov/OWOW/wetlands/plan/flexible.html>

Memorandum for the Field on Individual Permit Flexibility for Small Landowners
3/95
<http://www.epa.gov/OWOW/wetlands/landowne.html>

Memorandum of Agreement (MOA) on Clean Water Act Section 404(q) and Questions and Answers Supplement
8/92

Memorandum of Agreement (MOA) on Enforcement
1/89
<http://www.epa.gov.OWOW/wetlands/regs/enfmoahtml>

Memorandum of Agreement (MOA) on Jurisdiction/Exemptions
1/89

Contains substantive environmental criteria used by EPA and the Army Corps of Engineers in evaluating discharges of dredged material under section 404. (22 pp.)

Describes functions and values of western riparian areas, causes of riparian degradation and opportunities for cooperative efforts for enhancing the social, economic and environmental benefits. Several case studies are also featured. (45 pp.)

Clarifies the applicability of forested wetlands best management practices to mechanical silvicultural site preparation activities for pine plantation establishment in the Southeast. Issues jointly by EPA and the Department of the Army. (8 pp.)

Clarifies the appropriate level of analysis required for evaluating compliance with the Clean Water Act Section 404(b)(1) guidelines' requirements for consideration of alternatives. Issued jointly by EPA and the Department of the Army. (6 pp.)

Clarifies the flexibility for small landowners under Clean Water Act Section 404 for discharges of dredged or fill material affecting up to two acres of non-tidal wetlands for construction or expansion of a home or farm building. Issued jointly by EPA and the Department of the Army. (3 pp.)

Establishes policy and procedures to implement Section 404(q) of the Clean Water Act to minimize duplication and delays in the issuance of permits. Issued jointly by EPA and the Department of the Army. (18 pp.)

Establishes policy and procedures pursuant to which the Department of the Army and EPA will undertake Federal enforcement of the Section 404 dredge and fill material permit requirement. Issued jointly by the Department of the Army and EPA. (9 pp.)

Establishes the policy and procedures pursuant to which the Department of the Army and EPA will determine the geographic jurisdictional scope of waters of the United States and the application of the exemptions under Section 404(f) of the Clean Water Act. Issued jointly by the Department of the Army and EPA. (6 pp.)



Memorandum of Agreement (MOA) on Mitigation
2/90

Explains the policy and procedures to be used in determining the type and level of mitigation necessary to demonstrate compliance with the Clean Water Act Section 404(b)(1) Guidelines. Issued jointly by the Department of the Army and EPA. (6 pp.)

National Academy of Sciences Study "Report-in-Brief"

5/95

<http://www.nap.edu/readingroom/books/wet/index.html>

Outlines recommendations developed by the National Academy of Sciences National Research Council resulting from the study including identifying wetlands, differences among wetland types and improvements in wetlands administration. (7 pp.)

The National Action Plan To Implement the Hydrogeomorphic Approach To Assessing Wetland Functions

Federal Register Notice 6/20/97

<http://www.epa.gov/OWOW/wetlands/science/hgm.html>

Through the National Action Plan, the Corps of Engineers is announcing the strategy the Corps and other Federal agencies will follow to implement the Hydrogeomorphic Approach for Assessing Wetland Functions (HGM Approach) through the development of regional guidebooks. The National Action Plan was developed by a National Interagency Implementation Team. (13 pp.)

National Guidance: Water Quality Standards for Wetlands

EPA440-S-90-011

7/90

<http://www.epa.gov/OWOW/wetlands/regs/quality.html>

Provides program guidance to states on ensuring effective application of water quality standards to wetlands. This guidance reflects the level of achievement EPA expects the states to accomplish by the end of FY 1993, including: (1) developing methods in the definition of state waters; (2) designating uses for all wetlands; (3) adopting appropriate criteria for wetlands; and (4) applying the antidegradation policy and implementation methods to wetlands. (66 pp.)

National Guidance: Wetlands and Nonpoint Source Control Programs

6/90

Encourages coordination of nonpoint source and wetlands programs in attaining water quality goals shared by both programs. This guidance is applicable to both EPA and states. (25 pp.)

Natural Wetlands and Urban Stormwater: Potential Impacts and Management

EPA843-R-93-001

2/93

Describes issues related to the impacts of uncontrolled stormwater and urban runoff on natural wetlands. Explores various management options. (76 pp.)

Questions and Answers on the 1987 Corps of Engineers Wetlands Delineation Manual
10/91, and

Distributed as one publication, these memoranda were issued by the Department of the Army in response to field-related questions and situations regarding the use of the 1987 Corps of Engineers Wetlands Delineation Manual. (12 pp.)

Clarification and Interpretation Memorandum on the 1987 Corps of Engineers Wetlands Delineation Manual

3/92



Regulatory Guidance Letters
Federal Register Notice 6/18/96
<http://wetland.usace.mil/RGLs/>

Section 404 Tribal Regulations
Federal Register Notice 2/11/93
<http://www.epa.gov/OWOW/wetlands/40cfr/233G.html>

*Strategic Interagency Approach to Developing a
National Digital Wetlands Data Base*
1994

*Wetlands: Biological Assessment Methods and
Criteria Development Workshop*
EPA843-S-97-001
7/97
<http://www.epa.gov/OWOW/wetlands/wqual.html#Monitoring>

Oceans/Coastal

<http://www.epa.gov/OWOW/OCPD>

*Dredging: Building and Maintaining Our
Underwater Highways*
1996

Enforcement for Coastal Protection
EPA 842-K-91-001
10/91

EPA Journal: The Marine Environment Volume
14 Number 5
EPA175-N-88-100
6/88

A list of current Regulatory Guidance letters issued by the Corps of Engineers to clarify policy pursuant to their permit regulations found in 33 CFR Parts 230-330. (13 pp.)

Amends Section 404 State Program Regulations by adding procedures by which an Indian tribe may qualify as a state in order to be eligible to apply for assumption under this section. (13 pp.)

Describes a methodology to establish a national digital wetlands data base through a standard national wetland mapping and digitizing program with an emphasis on data integration. (20 pp.)

Provides abstracts of presentations and a summary of the last day's discussions on the workshop. (48 pp.)

General

Describes the dredging process, the need for dredging and the economic and environmental benefits that can accompany dredging activities. (20 pp.) Available from US EPA, Office of Wetlands, Oceans and Watersheds, Oceans and Coastal Protection Division (4504F), 401 M Street, SW, Washington, DC 20460. Telephone (202) 260-1952.

Explains coastal resources at risk, sources and impacts of degradation, and federal laws protecting coastal resources. Presents an integrated approach to enforcement with specific examples and success stories. (8 pp.)

Focuses on pollution threats to oceans, challenges to global marine protection, and efforts to improve marine resources. (40 pp.)



*National Estuary Program: Bringing Our
Estuaries New Life*

EPA842-F-93-002
9/93

Describes the National Estuary Program, including short descriptions of specific projects in 21 estuary programs. Folds out into a full color poster providing contacts for all 21 estuary programs. (1 pg.)

*The O.S.V. Anderson: Working to Protect Our
Oceans and Coasts*

EPA842-K-92-001
9/92

Describes the activities of the O.S.V. Anderson, EPA's ocean research vessel. (16 pp.)

*Portraits of Our Coastal Waters— Supplement to
the National Water Quality Inventory*

EPA503-2-91-004
6/91

Contains eight descriptive narratives highlighting coastal and estuarine environmental problems for unique geographic areas. Provides an assessment of the diverse and complex environmental problems encountered in these areas. Describes programs and initiatives designed to improve and protect the nation's coastal waters. (31 pp.)

*Protecting Coastal and Wetlands Resources: A
Guide for Local Governments*

EPA842-R-92-002
4/92

A hands-on guide designed to help elected officials and concerned citizens from coastal communities learn about a variety of approaches for managing their coastal and wetlands resources. The guide contains a comprehensive review of resource management and planning tools as well as 19 case studies. (187 pp)

*Protecting Our Nation's Marine and Coastal
Waters: OSV Peter W. Anderson*

EPA503-9-91 -001
11/90

Describes the activities of the Ocean Survey Vessel Peter W. Anderson, EPA's ocean research vessel. (2 pp.)

*Report to Congress on Implementation of Section
403© of the Federal Water Pollution Control Act*

EPA 503-6-90-001
6/90

Describes EPA activities for implementing Section 403© of the Clean Water Act and for achieving compliance with guidelines promulgated under Section 403(c), including an estimate of resources required. Section 403© applies to discharges into the waters of the territorial sea, the contiguous zone, and the oceans. (131 pp.)

Report to Congress on Ocean Dumping 1987-1990

EPA503-9-91-009
9/91

Summarizes EPA's activities in regulating and monitoring incineration-at-sea and ocean disposal of sewage sludge, industrial waste, and dredged materials. (58 pp.)

Save Our Seas: Help Stop Marine Debris

EPA842-H-92-001
9/92

This two-sided poster highlights the main aspects of the marine debris problem and what individuals can do to become part of a solution to the problem. The back side of the poster features a board game from *Turning the Tide on Trash: A Learning Guide on Marine Debris*. (1 pg.)



*Summary of Implementation and Demonstration
Projects in Bays and Estuaries*

EPA842-B-92-009

10/92

*Treasured Waters: Protecting Our Coastal and
Marine Resources*

EPA842-B-96-001

6/96

*Turning the Tide on Trash: A Learning Guide on
Marine Debris (English)*

EPA842-B-92-003

9/92

*Turning the Tide on Trash: A Learning Guide on
Marine Debris (Spanish)*

EPA842-B-93-003

Fall 1993

*Beyond SRF: A Workbook for Financing CCMP
Implementation*

EPA842-B-96-002

8/96

Clean Water Act Section 403 Compendium

EPA842-B-94-002

5/94

*Clean Water Act Section 403: Procedural and
Monitoring Guidance*

EPA842-B-94-003

3/94

Describes small-scale demonstration projects in the National Estuary Program and Chesapeake Bay Program to test the effectiveness of approaches for addressing estuarine problems. (50 pp.)

Describes the benefits to a healthy coastal and marine environment and what citizens can do to restore and protect them. (16 pp.)

This guide focuses on the problem of marine debris and teaches ways that children can become part of the solution to the problem. This guide targets grade school children. (78 pp.)

Spanish translation of publication above. (82 pp.)

Technical

Provides state, tribal and local officials with potential approaches for financing various aspects of coastal protection, especially those related to the National Estuary Program. (31 pp.)

Compiled for use by Regional 403, 301(h), and National Pollutant Discharge Elimination System coordinators, regulators, and other authorities involved in the Permitting and Ocean Discharge Programs. The document is intended to serve as a reference document as well as a guide to finding key sources of information without conducting extensive independent searches. This compendium attempts to bring together all of the recent, pertinent literature related to Clean Water Act Section 403 specifically and to marine discharges in general. (41 pp.)

Provides EPA Regions and National Pollutant Discharge Elimination System-authorized states with a framework for the decisionmaking process for section 403 evaluations and provides guidance on the type and level of monitoring that should be required as part of permit issuance. (320 pp.)



*Clean Water Act Section 403 Report to Congress,
Phase II: Point Source Discharges Inside the
Baseline*

EPA842-R-94-001

Describes the original intent and the requirements of the Section 403 program as it currently applies to ocean discharges and provides an inventory of all individual and general permits known to be subject to the provisions of Section 403. Also outlines benefits and problems associated with extending the requirements of Section 403 to estuarine discharges and provides recommendations to Congress if they choose to extend Section 403 inside the baseline of the territorial seas. (37 pp.)

*Demonstrating Practical Tools for Watershed
Management Through the National Estuary
Program:*

A series of fact sheets that illustrate innovative approaches for protecting estuaries and their living resources.

*Biological Nutrient Removal Action Plan Demonstration
Project*

EPA842-F-95-001A

*Buttermilk Bay Coliform Control Action Plan
Demonstration Project*

EPA842-F-95-001B

*Georgetown Stormwater Management Action Plan
Demonstration Project*

EPA842-F-95-001C

*Texas Coastal Preserves Action Plan Demonstration
Project*

EPA842-F-95-001D

*Shell Creek Stormwater Diversion Action Plan
Demonstration Project*

EPA842-F-95-001E

*City Island Habitat Restoration Action Plan
Demonstration Project*

EPA842-F-95-001F

Buzzards Bay "Sep Track" Initiative

EPA842-F-97-002G

3/97

Discusses a project which provided computers and specialized software to Massachusetts' communities for information management related to on-site septic systems. (4 pp.)

New Options for Dredging in Barataria-Terrebonne

EPA842-F-97-002H

7/97

Describes a project involving alternative dredging and spoil deposition methodologies, producing an overall environmental benefit. (4 pp.)

Coquina Baywalk at Leffis Key

EPA842-F-97-002I

6/97

Describes a wetland restoration project in Sarasota Bay, Florida, which created 30 acres of native habitat along with opportunities for public education. (4 pp.)



Dredged Material Ocean Dumping Reference Document
EPA842-B-92-006
9/92

An annotated bibliography of essential and secondary policy and technical dredged material reference documents that can be cited by EPA Headquarters and Regional staff. (15 pp.)

Economics of Improved Estuarine Water Quality: An NEP Manual for Measuring Benefits
EPA503-5-90-001
9/90

Helps managers evaluate the economic benefits of various water pollution abatement options. Presents concepts of economic benefit, describes how pollution abatement can generate benefits, and explains methodologies for measuring benefits. (79 pp.)

Fact Sheet: Beneficial Uses of Dredged Material
EPA842-F-97-003
12/97

Summarizes procedures for using sediment dredged from navigational channels and harbors for beneficial purposes. (2 pp.)

Final Report: Plastic Pellets in the Aquatic Environment: Sources and Recommendations
EPA842-B-92-010
12/92

This report describes the results of EPA's comprehensive assessment of the sources, fate, and effects of plastic pellets in the aquatic environment and recommends ways to control and prevent their release to the environment. (110 pp.)

Guidance Manual for the Review of Permitted and Civil Works Projects for the Ocean Disposal of Dredged Material
EPA842-B-92-007
12/92

Offers procedural and technical guidance to EPA Regional staff in their independent review of proposals for disposing of dredged material in ocean waters under the Marine Protection, Research and Sanctuaries Act. Responsibilities of the EPA and the US Army Corps of Engineers under related programs and statutes are briefly described to explain the statutory and programmatic relationship between the two agencies in regulating ocean disposal practices. (300 pp.)

Identifying, Planning and Financing Beneficial Use Projects Using Dredged Materials: Beneficial Use Manual
EPA842-B-97-001
12/97

Describes procedures for using sediment dredged from navigational channels and harbors for beneficial purposes. (133 pp.)

Monitoring Guidance for the National Estuary Program - Final
EPA842-B-92-004
9/92

Provides the National Estuary Program with guidance on how to design, implement and evaluate a monitoring program. This document is of use to all coastal and marine managers with monitoring responsibilities. (355 pp.)

Monitoring Research, and Surveillance Plan for Deepwater Municipal Sludge Dump Site and Environs
EPA503-4-91 -001
12/90

Presents a joint EPA, NOAA, and USGS Monitoring and Research Plan for the 106-Mile Site used for disposal of municipal sewage sludge from the New York/New Jersey Metropolitan Area. (115 pp.)



*National Estuary Program Guidance: Base
Program Analysis*
EPA842-B-93-001 .
3/93

Provides guidance for National Estuary Programs on
conducting a management characterization, or base
program analysis. (20 pp.)

*National Estuary Program Guidance:
Comprehensive Conservation and Management
Plans: Content and Approval Guidance*
EPA842-B-92-002
10/97

Provides a practical reference for National Estuary
Program Management Conferences, EPA Regional
Project Officers, and State Program Directors during
development of Comprehensive Conservation and
Management Plans (CCMPs). Describes the requirements
for approvable CCMPs and the process CCMPs must
undergo to be approved by the EPA Administrator. (50
pp.)

*Plastic Pellets in the Aquatic Environment:
Sources and Recommendations A Summary*
EPA842-S-93-001
8/93

Highlights and summarizes the *Final Report: Plastic
Pellets in the Aquatic Environment: Sources and
Recommendations*. Illustrations, easy to read. (12 pp.)

*Protecting Coastal Waters from Vessel and
Marina Discharges: A Guide for State and Local
Officials, Volume I. Establishing No Discharge
Areas under Section 312 of the Clean Water Act*
EPA842-B-94-004
8/94

A reference tool of options available for addressing
impacts linked to vessel and marina discharges. (241 pp.)

Watershed Protection

<http://www.epa.gov/OWOW/watershed>

General

Adopt Your Watershed!
EPA800-F-97-001
10/97
<http://www.epa.gov/sur/adopt>

Describes EPA's campaign to encourage greater
stewardship in the protection of the nation's water
resources and to celebrate 25 years of progress under the
Clean Water Act. Highlights useful tools for groups and
students interested in "adopting" their watershed.
Provides opportunity for new and existing groups to join
national catalog watershed partnerships, accessible on
EPA's "Adopt Your Watershed" homepage. (1 pg.)

Adopt Your Watershed Festival Participants
EPA840-F-96-006
1996

Describes briefly what each of the organizations that
participated in EPA's 1996 "Adopt Your Watershed"
Festival is doing to protect watersheds. (1 pg.)



A Commitment to Watershed Protection: A Review of the Clean Lakes Program
EPA841-R-93-001
2/93

Agriculture and the Environment
EPA840-F-93-001
8/93

Catalog of Federal Funding Sources for Watershed Protection
EPA 841-B-97-008
9/97
<http://www.epa.gov/OWOW/watershed/wacademy/>

Clean Lakes Program 1993/1994 Annual Report
EPA841-S-95-003
9/95
<http://www.epa.gov/OWOW/lakes/lakes2a.html>

Compendium of Tools for Watershed Assessment and TMDL Development
EPA841-B-97-006
5/97

Directory of Citizen, River and Watershed Organizations in Virginia, Maryland and the District of Columbia: Adopt Your Watershed Campaign
EPA840-B-96-002
9/96

Drawing on interviews with federal, state, and local agency representatives and citizens who have been involved with the Clean Lakes Program, this report presents the successes of the program through using an integrated watershed approach and the principles underlying its success. (52 pp.)

A folder containing four fact sheets that address watershed management and nonpoint source pollution in agricultural areas. The fact sheets include:

Our Water Resources and Watershed Protection
(EPA840-F-93-001a)

The Problem of Nonpoint Source Pollution (EPA840-F-93-001b)

Management Measures for Controlling Coastal Nonpoint Source Pollution (EPA840-93-F-001c)

For Further Information and Assistance (EPA840-F-93-001d)

Presents information on 52 federal funding sources (grants and loans) that may be used to fund a variety of watershed protection projects. The information on funding sources is organized into categories including coastal waters, conservation, economic development, education, environmental justice, fisheries, forestry, Indian tribes, mining, pollution prevention and wetlands. (98 pp.)

Highlights accomplishments and activities under Clean Water Act section 314, Clean Lakes Program, during fiscal years 1993 and 1994. Describes projects that illustrate the continuing application of the Watershed Protection Approach in America's lakes and watersheds. (26 pp.)

Summarizes available techniques and models that assess and predict physical, chemical and biological conditions in waterbodies. (221 pp.)

Directory of citizen watershed organizations in VA, MD and DC that are part of EPA's "Adopt Your Watershed" campaign. Includes contacts for each organization. (34 pp.)



For the Health of the River--The Story of the Tar River in Eastern North Carolina

EPA841-V-96-001

5/96

Geographic Targeting: Selected State Examples

EPA841-B-93-001

2/93

Guidance for Water Quality-Based Decisions: The TMDL Process

EPA440/4-91-001

4/91

<http://www.epa.gov/owow/tmdl/decisions>

Information Management for the Watershed Approach in the Pacific Northwest

EPA841-R-97-004

5/97

<http://www.epa.gov/owow/watershed/wacademy/its.html>

Kids Can Help Save Our Streams

EPA840-F-96-900

1996

Lakewalk Manual: A Guidebook for Citizen Participation

EPA910-B-95-007

2/96

Migratory Songbird: Conservation

EPA 840-K-94-001

National Geography Awareness Week,

Nov. 15-21, 1992 Teacher's Packet

EPA840-F-92-003

9/92

This video describes the Tar-Pamlico point/nonpoint source trading project in North Carolina. (24 min.) A **limited number of copies of the video are available for loan from: Mary Belefski, U.S. EPA, Assessment and Watershed Protection Division (4503F), Watershed Branch, 401 M St. S.W., Washington, DC 20460. Telephone (202) 260-7061.**

Provides information for government managers and others to implement geographic targeting. The document presents the rationale for the concept, various targeting approaches, issues involved in targeting, and several examples of targeting efforts at the state level. (63 pp.)

Defines and clarifies the requirements of the Total Maximum Daily Load (TMDL) Program under Clean Water Act Section 303(d). (59 pp.)

This document centers on a series of interviews with leaders and key participants in the statewide watershed approach activities in the State of Washington. It includes a review of Washington's statewide watershed activities in case study fashion, followed by discussions on how a watershed information clearinghouse can serve multiple planning, information management and communication roles for watershed groups. (102 pp.)

A brochure, targeted to children, that lists sources of pollution in streams and suggests activities for children that will help save streams. Developed by Save Our Streams, a program of the Izaak Walton League of America. (1 pg.)

A tool for citizens use in assessing and protecting lakes. Developed by EPA Region 10. (25 pp.)

Provides a brief introduction to what citizens can do to help preserve migratory birds. (27 pp.)

Includes a teacher's handbook, poster and map, hazardous waste chart, and UPDATE Newsletter. The theme for 1992 was "Geography: Reflections on Water." Provides information and lesson ideas on a number of water issues including the hydrologic cycle, conservation, groundwater, wastewater, watersheds, and wetlands.



A Phase I Inventory of Current EPA Efforts to Protect Ecosystems
EPA841-S-95-001B
1/95

Stream Doctor
EPA840-F-96-901
1996

The Watershed Approach
EPA840-K-96-001
3/96
<http://www.epa.gov/owow/watershed/wal.html>

The Watershed Protection Approach: Annual Report 1992
EPA840-S-93-001
1/93

The Watershed Protection Approach: An Overview
EPA503-9-92-002
12/91

Watershed Training Opportunities
EPA841-B-98-001
1/98
<http://www.epa.gov/owow/watershed/wacademy/lits.htm>

Top 10 Watershed Lessons Learned
EPA840-F-97-001
10/97
<http://www.epa.gov/owow/lessons>

Toward a Watershed Approach: A Framework for Aquatic Ecosystem Restoration, Protection, and Management
1/97

Summarizes projects involving EPA and its partners in placebased management and ecosystem protection, an approach intended to integrate environmental management with human needs, consider long-term ecosystem health, and highlight the positive correlations between economic prosperity and environmental well-being. (320 pp.)

A brochure that describes the Izaak Walton League of America's Save Our Streams volunteer watershed restoration project. This project guides volunteers in diagnosing the problem in streams and provides steps for finding a cure. (1 pg.)

A brochure that presents EPA's three components for achieving a watershed approach. Includes a list of watershed outreach coordinators in the 10 EPA Regions. (1 pg.)

Summarizes activities in EPA Headquarters and Regions to adopt and implement watershed management. More than 30 project summaries are included. (58 pp.)

Describes the watershed protection approach, a basin-wide approach to water protection that encompasses dynamic ecological relationships. Presents watershed protection programs at various government levels. (8 pp.)

Describes watershed training opportunities, including a course schedule. (12 pp.)

Developed in partnership with over 100 watershed practitioners, this document describes the top 10 lessons (positive and negative) learned in working to restore and protect watersheds across the nation. Includes examples to illustrate each lesson and key contacts and resources for networking. (60 pp.)

Describes basic watershed management concepts, problems and solutions. Presents examples of federal and state frameworks promoting watershed protection. (23 pp.) Available only from Coastal America. Telephone: (202) 401-9928.



Watershed Academy Catalogue of Watershed Training Opportunities

EPA841-D-97-001

5/97

<http://www.epa.gov/OWOW/watershed/wacademy/catalog.html>

Watershed Approach Framework

EPA840-S-96-001

6/96

<http://www.epa.gov/owow/watershed/framework.html>

Watershed Progress: Hot Creek Watershed, Mimbres River Basin

EPA840-F-96-003

11/96

Watershed Progress: Massachusetts' Approach

EPA840-F-96-004

2/97

Watershed Progress: New York City Watershed Agreement

EPA840-F-96-005

12/96

<http://www.epa.gov/owow/watershed/ny/nycityfi.html>

Watershed Progress: Rouge River Watershed, Michigan

EPA840-F-96-001

9/96

<http://www.epa.gov/owow/watershed/rouge/mi.html>

Watershed Protection: A Project Focus

EPA841-R-95-003

8/95

<http://www.epa.gov/owow/watershed/focus/index.html>

Watershed Protection: A Statewide Approach

EPA841-R-95-004

8/95

<http://www.epa.gov/owow/watershed/state/index.html>

Why Watersheds?

EPA 800-F-96-001

2/96

<http://www.epa.gov/OWOW/watershed/why.html>

Lists training/educational courses on watershed protection offered by EPA, other federal agencies, and other groups. Target audience includes water resource/watershed managers and technical staff in local, state and federal agencies and tribes, EPA Regions, and other public and private sector practitioners of watershed management. (97 pp.)

Presents EPA's vision for watershed approaches. Emphasizes the role EPA envisions for states and tribes. (16 pp.)

Describes how the watershed approach has made a difference in restoring the Royal John Mine in the headwaters of the Hot Creek watershed. (4 pp.)

Describes how the watershed approach has made a difference statewide. Describes the state's efforts to manage their watersheds. (4 pp.)

Describes how the watershed approach has made a difference by saving tax payers billions of dollars. Describes the agreement and EPA's role. (4 pp.)

Describes how the watershed approach is helping the Rouge River community address pollution from combined sewer overflows, stormwater, unpermitted discharges, failing septic systems and leaching dumps. (4 pp.)

Describes one aspect of the watershed approach--developing watershed specific programs or projects. Provides a blueprint for designing and implementing watershed projects including references and case studies for specific elements of the process. (108 pp.)

Presents an emerging framework for a statewide approach to watershed protection which focuses on organizing and managing a state's major watersheds. (67 pp.)

Pamphlet explains why states and tribes are turning to watershed management as a means for achieving greater results from their programs. (8 pp.)



Will We Lose Our Songbirds?
EPA-K-94-002

Xeriscape Landscaping: Preventing Pollution and Using Resources Wisely
EPA840-B-93-001
4/93

Clean Lakes Case Study: Phosphorus Inactivation and Wetland Manipulation Improve Kezar Lake, NH
EPA841-F-95-002, Number 1
9/95
<http://www.epa.gov/OWOW/LAKES/kezar.html>

Clean Lakes Case Study: Use of Aquatic Weevils to Control a Nuisance Weed in Lake Bomoseen, Vermont
EPA 841-F-97-002
10/97
<http://www.epa.gov/OWOW/lakes/lakes.html>

Clean Lakes Case Study: Watershed and In-Lake Practices Improve Green Valley Lake, IA
EPA841-F-95-003, Number 2
9/95
<http://www.epa.gov/OWOW/LAKES/clnlake.html>

Designing an Information Management System for Watersheds
EPA841-R-97-005
5/97
<http://www.epa.gov/owow/watershed/wacademy/its.html>

Provides a brief description of *Partners in Flight*, a comprehensive bird conservation program, and what they are doing to save the vanishing songbird population. (1 pg.)

Describes landscaping and gardening methods that promote pollution prevention, water conservation, and sustainable resources, including public/private partnerships to promote resource efficient landscaping. (16 pp.)

Technical

Highlights the use of aluminum salts to inactivate in-lake phosphorus and the manipulation of wetlands to remove phosphorus in Kezar Lake, NH. These techniques were successfully implemented under a Phase II Restoration Project under EPA's section 314 Clean Lakes Program (CLP). Also, a CLP section 314 Phase III Post-Restoration Monitoring Project assessed the effectiveness of this project. (8 pp.)

Summarizes experiences in using aquatic weevils as a biological method to control Eurasian watermilfoil (*Myriophyllum spicatum*) in Lake Bomoseen, Vermont, and three other lakes. These initial results indicate that, over time, the weevil may be able to reduce nuisance growth in Lake Bomoseen and could potentially be used in other lakes with similar problems. (8 pp.)

Summarizes the water quality problems identified through a Clean Lakes Program (CLP) section 314 Diagnostic/ Feasibility Study and the successful restoration program (Phase II of the CLP) that was implemented at Green Valley Lake, Iowa. The results of the Clean Lakes Post-Restoration Monitoring project are also highlighted and indicate that the water quality has improved. (5 pp.)

Introduces information management responsibilities and challenges facing watershed groups. This document reviews the fundamentals of identifying information management needs, integrating different data bases, evaluating hardware and software options, and developing implementation plans. (22 pp.)



Draft Framework for Watershed-Based Trading
EPA800-R-96-001
5/96
<http://www.epa.gov/OWOW/watershed/framwork.html>

Ecological Restoration: A Tool to Manage Stream Quality
EPA841-F-95-007
11/95
<http://www.epa.gov/owow/NPS/ecology/html>

Fish and Fisheries Management in Lakes and Reservoirs: Technical Supplement to the Lake and Reservoir Restoration Guidance Manual
EPA841-R-93-002
5/93

Land Cover Digital Data Directory for the United States
EPA841-B-97-005
5/97
<http://www.epa.gov/OWOW/watershed/wacademy/its.html>

The Lake and Reservoir Restoration Guidance Manual (Second Edition)
EPA440-4-90-006
8/90

Modeling Phosphorous Loading and Lake Response Under Uncertainty: A Manual and Compilation of Export Coefficients
EPA440-5-80-011
1990

Describes the benefits and types of trading, lays out the principles for trading, and addresses how the types of trading can be implemented within the existing statutory framework. (150 pp.)

Explains and clarifies Clean Water Act authorities for restoration and examines linkages between selected restoration techniques and parameters that are often addressed in state water quality standards. It also presents a decisionmaking guide to determine when to pursue restoration as a management option and provides information on the cost effectiveness of restoration. (150 pp.)

Focuses on the management of fisheries and lake water quality. An important objective of this manual is to encourage the development of an integrated lake management program that assesses fish, other biota, the physical and chemical characteristics of the lake habitat, and the associated watershed as an interdependent unit. (321 pp.)

A compilation of single-state and multi-state land cover data sets available across the country. It includes descriptions and contact information for 75 digital data sources. It should be noted, however, that this directory is not a centralized source for ordering and acquiring digital data. (77 pp.)

Written for informed citizens who are interested in protecting, restoring, and managing lakes. Focuses on four areas: identifying lake problems, evaluating management practices for addressing problems or for protecting water quality, developing a site-specific management plan, and implementing and evaluating lake management plans. Includes a hypothetical case study, point source techniques, best management practices, and state and provincial lake management programs. (326 pp.)

Presents an illustrated, step-by-step procedure that may be used to quantify the relationship between land use and lake trophic quality. Aids the analyst in selection of appropriate export coefficients and in interpretation of results of an application of this methodology. Includes a section on estimating nonparametric prediction intervals. (223 pp.)



Monitoring Consortiums: A Cost-Effective Means to Enhancing Watershed Data Collection and Analysis

EPA 841-R-97-006

5/97

<http://www.epa.gov/OWOW/watershed/wacademy/its.html>

Proceedings: Watershed '93: A National Conference on Watershed Management, March 21-24, 1993, Alexandria, VA

EPA840-R-94-002

Watershed '96: Moving Ahead Together: Plenary Proceedings

June 8-12, 1996, Baltimore, MD

EPA840-R-97-002

<http://www.epa.gov/owow/watershed/Proceed/>

Statewide Watershed Management Facilitation

EPA 841-R-97-011

9/97

<http://www.epa.gov/OWOW/watershed/wacademy/its.html>

Total Maximum Daily Load (TMDL) Notes and Case Studies

92-94

Addresses coordination in watershed monitoring. Also, includes four case studies that demonstrate how consortiums can stretch the monitoring dollar, improve cooperation among partners, and increase sharing of expertise as well as expenses of data collection and management. (37 pp.)

A compilation of presentations and summary of discussions that took place at the plenary sessions. (890 pp.)

A compilation of plenary presentations on watershed protection and restoration. (52 pp.) **Full proceedings of the technical sessions available only on the Internet.** (1,165 pp.)

Addresses statewide watershed management and the process of facilitating the development or reorientation of statewide watershed programs. Part I describes the facilitation process. Part II summarizes the experiences of 13 states in statewide watershed management framework development and implementation. (70 pp.)

The TMDL Notes provide general background on the various aspects of the TMDL program. The TMDL case studies discuss the problem, TMDL development, pollution control implementation, and followup monitoring for particular water bodies. The TMDL Notes include:

An Introduction to the TMDL Note Series

EPA841-K-94-005, 9/94, #1

Bioassessments and TMDLs

EPA841-K-94-005a, 9/94, #2

TMDL Endpoints

EPA841-K-94-005b, 9/94, #3

The TMDL Case Studies include:

Denver Metro--The South Platte River Segment 15

EPA841-F-93-001, 4/92, #1

<http://www.epa.gov/owow/tmdl/cs1/csl.htm>

South Fork of the Salmon River

EPA 841-F-93-002, 8/92, #2

<http://www.epa.gov/owow/tmdl/cs2/cs2.htm>



West Fork of Clear Creek
EPA 841-F-93-003, 11/92, #3
<http://www.epa.gov/owow/tmdl/cs3/cs3.htm>

Nomini Creek Watershed
EPA 841-F-93-004, 11/92, #4
<http://www.epa.gov/owow/tmdl/cs4/cs4.htm>

Albemarle/Pamlico Estuary
EPA 841-F-93-005, 11/92, #5
<http://www.epa.gov/owow/tmdl/cs5/cs5.htm>

The Lower Minnesota River
EPA 841-F-92-011, 11/92, #6
<http://www.epa.gov/owow/tmdl/cs6/cs6.htm>

Sycamore Creek, Michigan
EPA 841-F-92-012, 12/92, #7
<http://www.epa.gov/owow/tmdl/cs7/cs7.htm>

Boulder Creek, Colorado
EPA 841-F-93-006, 6/93, #8
<http://www.epa.gov/owow/tmdl/cs8/cs8.htm>

Appoquinimik River, Delaware
EPA841-F-93-007, 8/93, #9
<http://www.epa.gov/owow/tmdl/cs9/cs9.htm>

Tar-Pamlico Basin, North Carolina
EPA841-F-93-010, 9/93, #10
<http://www.epa.gov/owow/tmdl/cs10/cs10.htm>

Lake Chelan, Washington
EPA841-F-94-001, 1/94, #11
<http://www.epa.gov/owow/tmdl/cs11/cs11.htm>

Modeling the Appoquinimink River
EPA841-F-94-004, 4/94, #12
<http://www.epa.gov/owow/tmdl/cs12/cs12.htm>

Truckee River, Nevada
EPA841-F-94-006, 8/94, #13
<http://www.epa.gov/owow/tmdl/cs13/cs13.htm>

TMDL Development Cost Estimates: Case Studies of 14 TMDLs

EPA841-R-96-001
5/96

<http://www.epa.gov/owow/wtrl/tmdl/tmdlcostt.html>

Watershed Tools Directory: A Collection of Watershed Tools

EPA841-B-95-005
12/95

<http://www.epa.gov/owow/watershed/tools>

Provides information on the costs to state and local water pollution control agencies for implementing requirements for development of total maximum daily loads (TMDLs) under section 303(d) of the Clean Water Act. (120 pp.)

Provides one-page summaries of 250 watershed tools. Each summary includes key information such as a description of the tool, contact names and phone numbers, and information about intended users. (220 pp.)



Nonpoint Source (NPS)

<http://www.epa.gov/OWOW/NPS>

General

Administrator's Point/Nonpoint Source Trading Initiative Meeting Summary
EPA841-S-92-001
8/92

Clean Marina's--Clear Value: Environmental and Business Success Stories
EPA841-R-96-003
8/96

Creating Successful Nonpoint Source Programs: The Innovative Touch
EPA842-B-88-102
8/88

EPA Journal: Nonpoint Source Pollution--Runoff of Rain and Snowmelt, Our Biggest Water Quality Problem, Volume 17 Number 5
EPA841-N-91-100
11-12/91

Handle with Care: Your Guide to Preventing Water Pollution
1991

Managing Nonpoint Source Pollution: Final Report to Congress on Section 319 of the Clean Water Act (1989)
EPA841-R-92-101
1/92

Nonpoint Pointers--Understanding and Managing Nonpoint Source Pollution in Your Community
EPA841-F-96-004, A-K
3/96

A Summary of the meeting held in Durham, North Carolina, April 27-28, 1992. The intent of point/nonpoint source trading is to spread the cost burden among all pollutant sources but to require greater reductions from those who can more easily and cost-effectively decrease their pollutant loads. (72 pp.)

Summarizes the economic benefits achieved by marina managers who have implemented nonpoint source control management measures at their marinas. (125 pp.)

Presents 16 examples of successful innovative NPS programs and identifies techniques for developing innovative programs. (12 pp.)

Outlines the NPS water pollution problem, including the effects of agricultural chemicals, agricultural sediment, urban runoff, logging, abandoned mines, and construction. Presents issues and policy from the perspective of EPA, the Department of Agriculture, and the Office of Management and Budget. Describes possible solutions, and offers educational material for use in the classroom. (64 pp.)

Describes NPS pollution generated by everyday activities. Contains household tips for reducing and preventing water pollution. Identifies state, regional, and federal NPS contacts. Prepared by the Terrene Institute. (36 pp.) **Only available from Terrene Institute, 1000 Connecticut Ave., NW, Suite 802, Washington, D.C. 20036, (202) 833-8317. (There is a charge for this publication.)**

Focuses on the state of the national effort to control NPS pollution as of October 1, 1989. Includes state NPS assessment findings, state programs for addressing problems identified in the assessments, related activities of EPA, and other Federal agencies, and achievements to date on controlling NPS pollution. (197 pp.)

A series of fact sheets on controlling nonpoint source pollution.



*Nonpoint Source Education Demonstration Project
Evaluation Report*
2/91

Nonpoint Sources Agenda for the Future
EPA841-S-89-006
1/89

Polluted: Every Little Bit Hurts
EPA841-F-94-005
1990

Rural Clean Water Program
EPA440-4-90-012
9/90

*Section 319 National Monitoring Program: An
Overview*
EPA841-R-95-900
3/95

*Section 319 National Monitoring Program: An
Overview*
EPA841-S-97-003
5/97

*Section 319 National Monitoring Program Projects,
1994 Summary Report*
EPA841-S-94-006
9/94

*Section 319 National Monitoring Program Projects,
1995 Summary Report*
EPA841-S-96-001
9/95

*Section 319 National Monitoring Program Projects,
1996 Summary Report*
EPA841-S-96-002
9/96

Section 319 Success Stories: Volume II
EPA841-R-97-001
10/97

Details 33 NPS abatement projects that were funded by the Ohio EPA from 1981 to 1987 to reduce NPS pollution by changing practices of individual landowners. Projects include efforts to reduce NPS pollution from crop and livestock production, on-site sewage disposal, and abandoned mine land. Prepared by Ohio EPA. (67 pp.) **Only available from Ohio EPA, Water Quality Division, P.O. Box 1049, Columbus, OH 43266-149. c/o Rich McClav, (614) 644-2879.**

Defines EPA's commitment to a national NPS program during the five-year period 1989-1994. Outlines actions necessary to solve the problem of NPS in rivers, lakes, and streams. (30 pp.)

Indicates sources and effects of water pollution. Provides methods to prevent water pollution. (Update of the 1990 version) (2 pp.)

Aids state and local managers in developing management plans for controlling agricultural NPS pollution. Describes the successes, failures, and lessons learned in the Rural Clean Water Program (RCWP). Presents profiles of RCWP projects, and identifies RCWP contacts. (29 pp.)

Full-color document provides an overview of 11 projects in EPA's section 319 National Monitoring Program (NMP). The NMP consists of watershed projects with long-term monitoring to demonstrate the effectiveness of nonpoint source controls. (13 pp.)

Full-color document provides an overview of 20 projects in EPA's section 319 National Monitoring Program (NMP). The NMP consists of watershed projects with long-term monitoring to demonstrate the effectiveness of nonpoint source controls. (20 pp.)

Provides detailed descriptions of 12 projects in EPA's section 319 National Monitoring Program (NMP). The NMP consists of watershed projects with long-term monitoring to demonstrate the effectiveness of nonpoint source controls. (186 pp.)

Provides detailed descriptions of 14 projects in EPA's section 319 National Monitoring Program (NMP). The NMP consists of watershed projects with long-term monitoring to demonstrate the effectiveness of nonpoint source controls. (337 pp.)

Provides detailed update on 18 projects in EPA's section 319 National Monitoring Program (NMP). The NMP consist of watershed projects with long-term monitoring to demonstrate the effectiveness of nonpoint source controls. (254 pp.)

Describes successful nonpoint source projects ranging from information and educational programs to highly technical applications of nonpoint source control technology. (220 pp.)



Section 319 Success Stories: A Close Up Look at the National Nonpoint Source Control Program
EPA841-S-94-004
11/94

Selecting Priority Nonpoint Source Projects: You Better Shop Around
EPA506-2-89-003
8/89

Seminar Publication: Nonpoint Source Watershed Workshop
EPA625-4-91-027
9/91

State and Local Government Guide to Environmental Program Funding Alternatives
EPA841-K-94-001
1/94

A Tribal Guide to the Section 319(h) Nonpoint Source Grant Program
EPA841-S-94-003
10/94

Tribal Nonpoint Source Planning Handbook
EPA841-B-97-004
8/97

Best Management Practices for Agricultural Nonpoint Source Control: IV. Pesticides
EPA841-S-84-107
9/84

Coastal Nonpoint Pollution Control Program
EPA841-B-93-003
1/93

A Current Assessment of Urban Best Management Practices
3/92

Developing Successful Runoff Control Programs for Urbanized Areas
EPA841-K-94-003
8/94

Describes successful nonpoint source projects ranging from information and educational programs to highly technical applications of nonpoint source control technology. (128 pp.)

Presents six examples of how states identify their priorities for treatment of NPS impaired or threatened water bodies. (39 pp.)

Contains papers presented at the Nonpoint Source Watershed Workshop held January 29-31, 1991, in New Orleans. Includes case studies used to guide group discussions, and presents conclusions reached by workshop participants. (209 pp.)

Presents an overview of traditional funding mechanisms and introduces state and local governments to innovative alternatives to traditional funding. Although the focus is on nonpoint source pollution, funding sources and mechanisms can be applied to environmental programs, in general. (26 pp.)

Provides assistance to tribes in developing nonpoint source pollution control programs and in applying to EPA for nonpoint source pollution control grants under Section 319 of the Clean Water Act. (268 pp.)

Provides a template/guidance for tribes to apply for section 319 nonpoint source grants. (60 pp.)

Technical

Describes the factors and available research results relevant to selecting the most appropriate pesticide Best Management Practices (BMPs) and BMP systems. Prepared for the Department of Agriculture and EPA by the Biological and Agricultural Engineering Department at North Carolina State University. (87 pp.)

Addresses the processes and criteria that apply to development and approval of State coastal zone nonpoint source programs. (80 pp.)

Describes techniques for reducing nonpoint source pollution in the coastal zone. (127 pp.) **Only available from the Metropolitan Washington Council of Governments, (202) 9623256.**

Describes institutional strategies for developing, revising and implementing runoff control programs in urbanized communities. Also, useful to coastal states in establishing nonpoint source control programs under section 6217 of the Coastal Zone Act Reauthorization Amendments. (94 pp.)



Evaluating the Effectiveness of Forestry Best Management Practices in Meeting Water Quality Goals or Standards

EPA841-B-94-005A (3-hole punch)

EPA841-B-94-005B (bound)

7/94

Evaluation of the Experimental Rural Clean Water Program

EPA841-R-93-005

5/93

Green Development: Literature Summary and Benefits Associated with Alternative Development Approaches

EPA841-B-97-001

9/96

Guidance Specifying Measures for Sources of Nonpoint Pollution in Coastal Waters

EPA840-B-92-002A (3-hole punch)

EPA840-B-92-002B (bound)

1/93

Linear Regression for Nonpoint Source Pollution Analyses

EPA841-B-97-007

6/97

Methodology for Analysis of Detention Basins for Control of Urban Runoff Quality

EPA841-B-86-108

9/86

Nonpoint Source Impacts on Aquatic Life— Literature Review

EPA841-S-88-108

7/88

Results of the Nationwide Urban Runoff Program (executive summary only)

EPA841-S-83-109

12/83

A reference guide for evaluating the effectiveness of nonpoint source pollution controls during forestry operations. Presents a selection of techniques to assist managers in choosing an appropriate level of monitoring to address identified issues. (166 pp.)

Presents the results of a comprehensive evaluation of the ten year experimental Rural Clean Water Program (RCWP). Evaluation conducted by the National Water Quality Evaluation Project at North Carolina State University (NCSU) in cooperation with USDA, EPA, and the 21 RCWP projects. (559 pp.) **Only available from NCSU, Water Quality Group, 615 Oberlin Road, Suite 100, Raleigh, NC 27605-1126.**

An accumulation of examples, case studies, and issues related to implementing green development approaches in urban areas. Green approaches make use of existing environmental resources to control erosion, sediment and flow from construction and new development. (179 pp.)

Specifies technology-based management measures to be used by the states in developing Coastal Nonpoint Pollution Control Programs aimed at restoring and protecting coastal waters. (836 pp.)

Explains and illustrates the use of linear regression (statistical technique) for analysis of nonpoint source water quality data. (8 pp.)

Describes a probabilistic methodology to analyze the performance characteristics of techniques that control pollution discharges from urban stormwater runoff. Provides data and analysis procedures to guide planning decisions. (64 pp.)

Provides an overview of 68 research papers and reports exploring the impact of NPS pollution on aquatic life. Discusses regional trends in NPS pollutants. (250 pp.) **Only available from NTIS (NTIS # PB90229931). Call (703) 487-4650.**

Consists of two sections: Executive Summary and Volume 1 - Final Report. Summarizes the results of project studies of urban runoff conducted by the National Urban Runoff Program (NURP) from 1978 to 1983. Examines quality characteristics of urban runoff, the extent to which urban runoff contributes to national water quality problems, and the overall effectiveness of management practices to control pollutant loads from urban runoff. (24 pp.)



*Rural Clean Water Program 1988 Workshop
Proceedings: National Water Quality Evaluation
Project*
EPA506-9-89-001
12/88

Setting Priorities: The Key to Nonpoint Source Control
EPA841-B-87-110
7/87

*State and Local Funding of Nonpoint Source Control
Programs*
EPA841-R-92-003
9/92

*Summary of Current State Nonpoint Source Control
Practices for Forestry*
EPA841-S-93-001
8/93

*Techniques for Tracking, Evaluating and Reporting the
Implementation of Nonpoint Source Control Measures:
I. Agriculture*
EPA841-B-97-010
9/97

*Techniques for Tracking, Evaluating and Reporting the
Implementation of Nonpoint Source Control Measures:
II. Forestry*
EPA841-B-97-009
7/97

*Techniques for Tracking, Evaluating and Reporting the
Implementation of Nonpoint Source Control Measures:
III. Urban Sources*
EPA841-B-97-011
12/97

*Urban Targeting and BMP Selection: An Information
and Guidance Manual for State Nonpoint Source
Program Staff Engineers and Managers*
EPA841-B-90-111
11/90

Contains technical papers and presentations from the Rural Clean Water Program Workshop held September 12-15, 1988, in St. Paul, Minnesota. Identifies NPS project priorities of workshop participants. (190 pp.) **Only available from Publications, North Carolina State University, Water Quality Group, 615 Oberlin Road, Suite 100, Raleigh, NC 27605-1126.**

Presents guidelines and suggestions for designing and implementing a targeted NPS pollution control program to achieve improvements in water quality. Prepared for EPA by the Biological and Agricultural Engineering Department at North Carolina State University. (51 pp.)

Describes particularly effective state and local nonpoint source programs and methods used to fund them. (88 pp. plus appendix)

A synopsis of the best management practices currently used by states to address nonpoint source impacts on water quality caused by forestry operations. (208 pp.)

Part of a series of documents that present statistical approaches to tracking the level of implementation of nonpoint source pollution control measures. Presents information on methods of sample site selection, sample size estimation, sampling and result evaluation and presentation. (70 pp.)

Part of a series of documents that present statistical approaches to tracking the level of implementation of nonpoint source pollution control measures. Presents information on methods of sample site selection, sample size estimation, sampling and result evaluation and presentation. (70 pp.)

Part of a series of documents that present statistical approaches to tracking the level of implementation of nonpoint source pollution control measures. Presents information on methods of sample site selection, sample size estimation, sampling and result evaluation and presentation. (70 pp.)

Assists state and local agency personnel in targeting and prioritizing areas within their jurisdiction which require abatement of urban runoff water quality problems. Consolidates existing information, and describes a noncomputerized technology for targeting control areas. (54 pp.) **Only available from Terrene Institute, 1000 Connecticut Ave., NW, Suite 802, Washington, D.C. 20036, (202) 833-8317.**



Water Quality Effects and Nonpoint Source Control for Forestry: An Annotated Bibliography
EPA 841-B-93-005
8/93

Presents over 900 papers on the best management practices used to mitigate water quality impacts from forestry. The document is divided into ten chapters that cover the following topics relating to silvicultural practices: cost/effectiveness of best management practices; program and policy reviews; instream studies on physical, chemical and biological health; road construction; timber harvest; site preparation; forestry chemicals; streamside management areas; wetlands; modeling; and monitoring. (241 pp.)

Data Management

Guide for Preparation of Quality Assurance Project Plans for the National Estuary Program
EPA556-2-88-001
6/88

Ocean Data Evaluation System (ODES) Data Submissions Manual
EPA503-9-90-006
1988

Ocean Data Evaluation System (ODES): Users Guide
EPA503-8-90-07
1987

Technical Support Document for ODES Statistical Power Analysis
EPA430/9-87-005
1987

Technical

Serves as a quality assurance/quality control checklist for research and data collection under the National Estuary Program. (31 pp.)

Explains the quality assurance/quality control (QA/QC) cycle that must be completed before a data set can be loaded into ODES, and provides detailed instructions for entering individual data sets onto coding forms, magnetic tape, or floppy diskette for submission to ODES. (350 pp.) **Only available from American Management Systems, (703) 8415550. Mailing address: 1777 North Kent St., Arlington, VA 22209.**

Provides directions for accessing information stored in ODES and for using ODES tools to produce analytical reports. ODES includes an integrate database which combines source input information with marine and estuarine environmental information, including water quality data, physical/chemical and oceanographic data, biological data, and sediment pollutant data. ODES also features a wide range of analytical tools for scientific and statistical analyses, and for reporting the results in a convenient format. (75 pp.) **Only available from American Management Systems (703) 841-5550. Mailing address: 1777 North Kent St, Arlington, VA 22209**

Provides a review of the basic concepts of hypothesis testing and statistical power analysis. The types of power analyses that can be conducted using ODES are described, and the uses of the tool are demonstrated with several examples. **Only available from Virginia Fox-Norse, (202) 260-9129. Mailing address: U.S. EPA, Oceans and Coastal Protection Division (4504F), 401 M Street, SW, Washington, DC 20460.**



Water Quality Assessment and Monitoring

<http://www.epa.gov/OWOW/305b/> - State Water Quality Assessments
<http://www.epa.gov/OWOW/monitoring> - Monitoring

General

Ambient Water Quality Monitoring in the United States: First Year Review, Evaluation, and Recommendations
12/92

Environmental Indicators of Water Quality in the United States - Fact Sheet
EPA841-F-96-001
6/96
<http://www.epa.gov/OW/indic>

EPA's National Volunteer Monitoring Program (Fact Sheet)
EPA841-F-95-001
11/96

Fact Sheet: National Water Quality Inventory--1992 Report to Congress
EPA841-F-94-002
4/94

Fact Sheet: National Water Quality Inventory--1994 Report to Congress
EPA841-F-95-011
12/95

Fact Sheet: National Water Quality Inventory--1996 Report to Congress
EPA841-F-97-003
12/97

Addresses basic water monitoring issues and outlines a strategy to improve federal, state, and other water monitoring programs. First year report of the Intergovernmental Task Force on monitoring Water Quality. (26 pp, with appendices) Available only from the U.S. Geological Survey, Office of Water Data Coordination, 417 Nation Center, Reston, VA 22092. Telephone (703) 648-5023; Fax (703) 648-6802.

Describes, in detail, the set of 18 core water environmental indicators presented in the *Environmental Indicators of Water Quality in the United States*. Discusses the information the indicators will provide, how progress will be tracked, what is being done to improve the indicators, and what is being done to improve environmental conditions. (40 pp.)

Describes EPA's support for volunteer monitoring, including a list of EPA volunteer monitoring documents. (1 pg.) Available only from Alice Mayo, USEPA (4503F), 401 M St, SW, Washington, DC 20460, (202) 260-7018; Fax (202) 260-1977.

Summarizes key statistics and findings of the 1992 National Water Quality Inventory. (8 pp.)

Summarizes key statistics and findings of the 1994 National Water Quality Inventory. (12 pp.)

Summarizes key statistics and findings of the 1996 National Water Quality Inventory. (8 pp.)



*National Directory of Citizen Volunteer
Environmental Monitoring Programs,
Fourth Edition*

EPA841-B-94-001

4/94

<http://www.epa.gov/owow/monitor/dir.html>

*National Water Quality Inventory—1990 Report
to Congress*

EPA503-9-92-006

1/92

*National Water Quality Inventory.--1992
Report to Congress*

EPA841-R-94-001

3/94

*National Water Quality Inventory: 1994 Report to
Congress*

EPA841-R-95-005

12/95

*National Water Quality Inventory: 1996 Report to
Congress*

EPA841-R-97-008

12/97

*National Water Quality Inventory: 1996 Report to
Congress: Appendices*

EPA841-C-97-001

12/97

Lists 519 volunteer monitoring programs throughout the U.S., including contact names and a brief description. (531 pp.)

Aggregates state-reported water quality data under section 305(b) of the Clean Water Act with supplemental EPA data. Describes the quality of rivers, lakes, estuaries, the Great Lakes, coastal waters, wetlands, and ground water. Includes information on special concerns such as fishing restrictions and fish kills. Summarizes point and nonpoint source programs and surface water monitoring programs. (208 pp.)

Aggregates state-reported water quality data under section 305(b) of the Clean Water Act with supplemental EPA data. Describes the quality of rivers, lakes, estuaries, the Great Lakes, coastal waters, wetlands, and ground water. Includes information on special concerns such as fishing restrictions and fish kills. Summarizes point and nonpoint source programs and surface water monitoring programs. (328 pp, with appendices)

Aggregates state-reported water quality data under section 305(b) of the Clean Water Act with supplemental EPA data. Describes the quality of rivers, lakes, estuaries, the Great Lakes, coastal waters, wetlands, and ground water. Includes information on special concerns such as fishing restrictions and fish kills. Summarizes point and nonpoint source programs and surface water monitoring programs. (572 pp, with appendices)

Summarizes state-reported water quality data under section 305(b) of the Clean Water Act with supplemental EPA data. Describes the quality of rivers, lakes, estuaries, the Great Lakes, coastal waters, wetlands, and ground water. Includes information on special concerns such as fishing restrictions and fish kills. Summarizes point and nonpoint source programs and surface water monitoring programs. (527 pp.)

Appendices include data tables to support National Water Quality Inventory: 1996 Report to Congress. Available only on diskette.



Proceedings of the Third National Citizens' Volunteer Water Monitoring Conference
EPA841-R-92-004
9/92

Includes detailed summaries of over 25 workshops, panel discussions, and technical sessions. Topics include collecting quality volunteer monitoring data; sharing volunteer data with state and local governments; volunteer nonpoint source monitoring; environmental education and community outreach; and watershed walking. (183 pp.)

Proceedings of the Fourth National Volunteer Monitoring Conference: Putting Volunteer Information to Use
EPA841-R-94-003

Summarizes plenary sessions, technical workshops and breakout discussions on topics such as volunteers using their own data, monitoring restoration activities and building partnerships. (140 pp.)

Proceedings of the Fifth National Volunteer Monitoring Conference: Promoting Watershed Stewardship
EPA841-R-97-007
9/97

Summarizes over 30 workshops, discussions and technical sessions from the 5th National Volunteer Monitoring Conference in Madison, WI. (118 pp.)

The Updated 305(b) Guidelines: Advantages and Expectations
EPA841-S-97-002

Introduces state managers and others to the new 305(b) process and shows in a simple question and answer format how 305(b) can be used to support and draw upon other initiatives. (7 pp.)

The Quality of Our Nation's Water: 1990
EPA841-K-92-001
6/92

Summarizes the results of the 1990 National Water Quality Inventory in an easy to understand format for the general reader. Introduces key water quality concepts. Discusses pollution of rivers, lakes, estuaries, coastal waters, wetlands, and ground water. Discusses how individual citizens can make a difference in solving the Nation's pollution problems. (27 pp.)

Quality of Our Nation's Waters: 1992
EPA841-S-94-002
3/94
<http://www.epa.gov/305b/>

Summarizes the results of the 1992 National Water Quality Inventory in an easy to understand format for the general reader. Introduces key water quality concepts. Discusses pollution of rivers, lakes, estuaries, coastal waters, wetlands, and ground water. Discusses how individual citizens can make a difference in solving the Nation's pollution problems. (43 pp.)

The Quality of Our Nation's Water: 1994
EPA841-S-95-004
<http://www.epa.gov/305b/>

Summarizes the results of the 1994 National Water Quality Inventory in an easy to understand format for the general reader. Introduces key water quality concepts. Discusses pollution of rivers, lakes, estuaries, coastal waters, wetlands, and ground water. Discusses how individual citizens can make a difference in solving the Nation's pollution problems. (200 pp.)



The Quality of Our Nation's Water: 1996

EPA841-S-97-001

<http://www.epa.gov/305b/>

Summarizes the results of the 1996 National Water Quality Inventory in an easy to understand format for the general reader. Introduces key water quality concepts. Discusses pollution of rivers, lakes, estuaries, coastal waters, wetlands, and ground water. Discusses how individual citizens can make a difference in solving the Nation's pollution problems. (200 pp.)

Volunteer Estuary Monitoring:

A Methods Manual

EPA842-B-93-004

12/93

<http://www.epa.gov/owow/monitor/estuarvm.html>

Presents information and methodologies specific to estuarine water quality. Both the organizers of volunteer programs and the volunteers themselves should find this manual useful. (176 pp.)

Volunteer Lake Monitoring: A Methods Manual

EPA440-4-91-002

12/91

<http://www.epa.gov/owow/monitor/lakevm.html>

Provides step-by-step methods for monitoring key lake water quality problems using citizen volunteers. Includes information on quality assurance/quality control (QA/QC) of data, data analysis and preservation, and equipment. (121 pp.)

The Volunteer Monitor's Guide to Quality Assurance Project Plans

EPA841-B-96-003

9/96

<http://www.epa.gov/owow/monitoring/volunteer/gappcovr.html>

An easy-to-follow guide to the development of quality assurance plans for volunteer programs designed to ensure the collection of high quality data. (59 pp.)

Volunteer Stream Monitoring: A Methods Manual

EPA841-B-97-003

12/97

Provides step-by-step methods for use by volunteer programs for monitoring biological health, water quality conditions and habitat in wadeable streams. Includes a chapter on watershed surveys. (190 pp.)

Volunteer Water Monitoring: A Guide for State Managers

EPA440-4-90-010

8/90

Describes existing volunteer monitoring programs. Focuses on the types of monitoring performed and the accuracy of results. Provides state environmental managers with recommendations for developing, implementing, and maintaining successful volunteer monitoring programs. (78 pp.)

Water Quality Conditions of the United States

EPA841-A-95-010

12/97

A profile from the 1994 National Water Quality Inventory Report to Congress. (2 pp.)

Water Quality Conditions of the United States

EPA841-F-97-001

12/97

A profile from the 1996 National Water Quality Inventory Report to Congress. (2 pp.)



*Water Quality Monitoring in the United States:
1993 Report of the Intergovernmental Task Force
on Monitoring Water Quality*
1/94

Describes the progress of the Intergovernmental Task Force on Monitoring Water Quality (ITFM) and its task groups in developing concepts, guidelines, and procedures for use in a nationwide monitoring strategy, and focuses on the tools needed to implement a national monitoring strategy. (29 pp.) **Available only from the U.S. Geological Survey, Office of Water Data Coordination, 417 National Center, Reston, VA 22092. Telephone: (703) 648-6023; FAX: (703) 648-6802.**

*Water Quality Monitoring in the United States:
1993 Report of the Intergovernmental Task Force
on Monitoring Water Quality - Technical
Appendices*
1/94

Contains technical appendices on monitoring issues such as the framework for a water quality monitoring program, environmental indicators for meeting management objectives; ecoregions, reference conditions, and index calibration; and an annotated bibliography of selected outstanding water quality reports. (104 pp.) **Available only from the U.S. Geological Survey, Office of Water Data Coordination, 417 National Center, Reston, VA 22092. Telephone: (703) 648-5023; Fax: (703) 648-6802.**

*Water Quality Protection Program for the Florida
Keys National Marine Sanctuary: First Biennial
Report to Congress 1995*
EPA841-R-97-002
12/96

Presents priority corrective actions and schedules for addressing point and nonpoint sources of pollution in the Sanctuary. (32 pp.)

Technical

All documents marked with a * in this section are only available from Virginia Fox-Norse, (202) 260-8448. Mailing address: U.S. EPA, Oceans and Coastal Protection Division (4504F), 401 M St., SW, Washington, D.C. 20460.

**301(h) Permit Reissuance Guidance Document
for Small Dischargers*
EPA503-9-90-008
1988

Identifies the regulatory requirements applicable to reissuance of 301(h) modified permits held by small dischargers, i.e., publicly-owned treatment works that have contributing populations under 50,000 and average dry weather flows of less than 5.0 million gallons per day. Discusses assessments and data analyses that are needed for small dischargers to satisfy applicable regulatory requirements and methods by which regulatory personnel may evaluate compliance with regulatory requirements. (88 pp.)



**Amended Section 301(h) Technical Support Document*

EPA842-B-94-007
9/94

Provides municipal dischargers with technical guidance on preparing applications for section 301(h) modified permits and evaluating the effects of section 301(h) discharges on water quality, in keeping with the revisions to EPA's section 301 (h) regulations (40 CFR Part 125, Subpart G), promulgated on August 23, 1994. Guidance is also provided on assessments and data analyses that applicants should perform to satisfy all of the section 301(h) regulatory requirements and on methods to evaluate compliance with those regulatory requirements. (300 pp.)

**Analytical Methods for U.S. EPA Priority Pollutants and 301(h) Pesticides in Estuarine and Marine Sediments*
EPA503-6-90-004
5/86

Describes analytical methods which allow for sensitive analyses of the target compounds with a reasonable amount of laboratory effort. Discusses the analysis of extractable organic compounds, volatile organic compounds, metals, and metaloids. (130 pp.)

Assessing Human Health Risks from Chemically Contaminated Fish: and Shellfish: A Guidance Manual
EPA503-8-89-002
9/89

Provides guidance for health risk assessment related to chemically contaminated fisheries, based on EPA approaches. (140 pp.) **Available only from NTIS (NTIS # PB91-168369). Call (703)487-4650.**

**Bioaccumulation Monitoring Guidance:
1) Estimating the Potential for Bioaccumulation of Priority Pollutants and 301(h) Pesticides Discharges into Marine and Estuarine Waters*
EPA503-3-90-001
9/85

Provides an overview of important environmental, biological, and chemical processes that affect bioaccumulation of chemical contaminants in marine and estuarine animals. Reviews predictive and empirical approaches used to determine the bioaccumulation potential of toxic chemicals. Describes a method for ranking EPA priority pollutants and 301(h) pesticides in terms of bioaccumulation potential. Provides guidance for selection of pollutants to analyze in 301(h) monitoring programs. (69 pp.)

**Bioaccumulation Monitoring Guidance:
2) Volume I. Selection of Target Species and Review of Available Bioaccumulation Data*
EPA430-9-86-005
1985

Provides guidance for selecting target species for bioaccumulation monitoring studies to be conducted as part of the 301(h) sewage discharge program. Presents a compilation, evaluation, and summary of recent data on concentrations of priority pollutants in those species. (53 pp.)

**Bioaccumulation Monitoring Guidance:
2) Volume II. Selection of Target Species and Review of Available Bioaccumulation Data*
EPA430-9-86-006
1985

Contains appendices which provide details of the compilation, evaluation, and summary of recent data on concentrations of priority pollutants in selected target species monitored for bioaccumulation. (350 pp.)



**Bioaccumulation Monitoring Guidance:*
3) Recommended Analytical Detection Limits
EPA503-6-90-001
1985

Reviews the factors that influence target pollutant detection units, and recommends minimum detection limits for bioaccumulation studies. Serves as a companion document to the recommended analytical protocols in the Bioaccumulation Monitoring Guidance series, although it is not designed to address specific analytical protocols. (23 pp.)

**Bioaccumulation Monitoring Guidance:*
4) Analytical Methods for U.S. EPA Priority Pollutants and 301(h) Pesticides in Tissues From Estuarine & Marine Organisms
EPA503-6-90-002
5/86

Describes analytical methods which allow for sensitive analyses of the target compounds with a reasonable amount of laboratory effort. Discusses the analysis of extractable organic compounds, volatile organic compounds, metals, and metaloids. (105 pp.)

**Bioaccumulation Monitoring Guidance:*
5) Strategies for Sample Replication and Compositing
EPA430-9-87-003
6/87

Evaluates the applicability of alternative sampling strategies for bioaccumulation monitoring programs. Presents a statistical approach for determining the levels of difference in bioaccumulation that can be reliably detected with varying levels of sampling effort. Also presents example analyses from historical data to demonstrate the effects of alternative sampling designs. Uses the results of additional analyses employing simulation methods to provide a comparison of grab- and composite-sampling strategies. (51 pp.)

Clean Water Act Section 403 Procedural and Monitoring Guidance
EPA842-B-94-003
5/94

Provides monitoring methods and approaches to use in order to establish more consistency among Regions and National Pollutant Discharge Elimination System-authorized states when conducting a section 403 Ocean Discharge Criteria Evaluation in the permit review process. Describes the procedural or decision making aspects of the section 403 program and the criteria for evaluating perceived potential impact. Also provides summaries of analytical methods used to assess the various physical, biological, and chemical parameters of concern. (120 pgs.)

**Design of 301(h) Monitoring Programs for Municipal Wastewater Discharges to Marine Waters* EPA430-9-82-010
11/82

Provides guidance for designing monitoring programs that meet regulatory requirements in 40 CFR 125.63 and allow continuing assessment of the impact of less-than-secondary discharges on the receiving water marine environment. (135 pp.)

**Ecological Impacts of Sewage Discharges on Coral Reef Communities*
EPA430-9-83-010
9/83

Synthesizes current information on the ecological impact of sewage discharges on coral reefs. Addresses three major components of sewage pollution: eutrophication associated with high nutrient concentrations in discharged wastewaters, sedimentation of suspended solids, and toxic effects. (86 pp.)



Environmental Indicators of Water Quality in the U.S.

EPA841-R-96-002

6/96

<http://www.epa.gov/OW/indic>

EPA Water Quality Progress Reports/Water Quality Program Highlights

EPA841-F-92-001

8/92

**Evaluation of Survey Positioning Methods for Nearshore Marine and Estuarine Waters*

EPA430-9-86-003

3/87

**Framework for 301(h) Monitoring Programs*

EPA430-9-88-002

9/87

**Guidance for Conducting Fish Liver Histopathology Studies During 301(h) Monitoring*

EPA430-9-87-004

5 /87

Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports) and Electronic Updates: Report Contents

EPA841-B-97-002A

9/97

Guidelines for Preparation of the Comprehensive State Water Quality Assessments (305(b) Reports) and Electronic Updates: Supplement

EPA841-B-97-002B

9/97

Index of Watershed Indicators

EPA841-R-97-010

9/97

<http://www.epa.gov/Surf/iwi>

Introduces a core set of 18 national water environmental indicators. Establishes baseline information for tracking trends on water quality. Presents data gaps and improvements needed to make the indicators more reliable. (26 pp.)

Documents EPA progress in improving water quality, and highlights monitoring and wasteload allocation activities. (Series of fact sheets)

Identifies navigational systems for use in particular situations, based on operating characteristics and cost. Provides descriptions and assessments of available location finding techniques and equipment and provides assistance for minimizing measurement error. (125 pp.)

Provides guidance for publicly-owned treatment works on conducting monitoring programs to ensure compliance with 301(h) modified National Pollutant Discharge Elimination System (NPDES) permits. Describes how to design, implement, evaluate, and modify a 301(h) monitoring program. (44 pp.)

Provides guidance for designing and conducting quantitative field surveys of fish liver histopathology as part of 301(h) monitoring programs to assess potential impacts of permitted sewage discharges on marine biota. Discusses study design, field sampling, laboratory analysis, and data interpretation and analysis. Directed at non-pathologists, such as monitoring program reviewers, permit writers, permitters, and other organizations involved in nearshore monitoring studies. (166 pp.)

Includes detailed guidance on making use of support determinations for aquatic life and clarification of other reporting requirements and shows the material to be included in the 305(b) report. (62 pp.)

Provides guidance on the best monitoring and assessment processes to produce the information for 305(b) reports. (370 pp.)

Combines 15 indicators of aquatic resource health to characterize the condition and vulnerability of 2,111 watersheds in the U.S. Includes national maps of each data layer and information concerning why the indicator is important, and how to interpret the data. (56 pp.)



**Initial Mixing Characteristics of Municipal Ocean Discharges: Volume I. Procedures and Applications*

EPA600/3-85-073a
1985

**Initial Mixing Characteristics of Municipal Ocean Discharges: Volume II. Computer Programs*

EPA600/3-85-0073b
1985

Knowing Our Waters: Tribal Reporting Under Section 305(b)

EPA841-B-95-003
5/95

<http://www.epa.gov/owow/monitoring/volunteer/tr-index.html>

Linking Estuarine Water Quality and Impacts on Living Resources: Shrinking Striped Bass Habitat in Chesapeake Bay and Albemarle Sound

EPA503-3-88-001
9/88

Monitoring Guidance for Determining the Effectiveness of Nonpoint Source Controls

EPA841-B-96-004
9/97

Monitoring Guidance for the National Estuary Program - Final

EPA842-B-92-004
9/92

Monitoring Lake and Reservoir Restoration: Technical Supplement to the Lake and Restoration Guidance Manual

EPA440-4-90-007
8/90

Describes the behavior of wastewater plumes. Contains analytical solutions and descriptions of five mathematical models that provide the initial dilution and rise-heights of the plume for a variety of discharge, diffuser and receiving water characteristics.

Describes the universal data file and complete program listings of five mathematical models that provide flux-average dilution and rise-height of a wastewater plume discharged into waters of greater density.

Guidance for first time tribes that choose to report on water quality through the 305(b) process. (17 pp.)

Seeks to develop strategies and priorities for stopping habitat degradation and restoring lost habitats in estuaries through identification of critical zones for maintaining living resources. Presents a summary of initial results of a study to link water quality and critical zones for striped bass in Chesapeake Bay and Albemarle Sound, North Carolina. Analyses and conclusions are tentative and are subject to revision. (39 pp.)

Provides details guidance on developing nonpoint source monitoring plans, biological monitoring, data analysis and reporting. (236 pp.)

Provides the National Estuary Program with guidance on how to design, implement, and evaluate a monitoring program. This document is of use to all coastal and marine managers with monitoring responsibilities. (355 pp.)

Explains how to design and implement a lake monitoring program during and following a lake restoration project. Describes monitoring methods for both the waterbed and the watershed. Provides recommendations for consistent monitoring methods and quality assurance procedures to assist lake managers and researchers. Includes a U.S. Geological Survey map illustrating the average annual runoff in the United States. (130 pp.)



**Quality Assurance/Quality Control (QA/QC) for 301(h) Monitoring Programs: Guidance on Field and Laboratory Methods*

EPA430-9-86-004

3/87

Quantitative Techniques for the Assessment of Lake Quality

EPA440-5-79-015

1979

Rapid Bioassessment Protocols for Use in Streams and Rivers: Benthic Macroinvertebrates and Fish

EPA440-4-89-001

5/89

**Recommended Biological Indices for 301 (h) Monitoring Programs*

EPA430-9-86-002

3/87

**Report on the Implementation of Section 301(h)*

EPA430-9-84-007

8/84

**Revised Section 301(h) Technical Support Document*

EPA430-9-82-011

11/82

Provides the framework for making informed decisions with respect to the field and laboratory methods used when monitoring the effects of sewage discharge on marine and estuarine ecosystems. Ensures that samples are collected, processed, stored, shipped, and analyzed using acceptable and standardized procedures, that the quality of generated data is documented adequately, that results are reported completely and correctly, and that security of samples and data is maintained at all times. (281 pp.)

Covers data analysis and sampling design, models, and lake classification in reference to phosphorus loadings in lakes. (146 pgs.) **Available only through the Clean Lakes Program, (202) 260-5404. Mailing address: U.S. EPA, Clean Lakes Program (4503F), 401 M St., SW, Washington, D.C. 20460.**

Serves as a reference to help states conduct biological assessments of biotic systems. Presents three macroinvertebrate and two fish protocols. (162 pp.) **Only available from ORD Publications Office (CERI), (513) 5697562. Mailing address: U.S. EPA, CERI, 26 West Martin Luther King Dr., Cincinnati, OH 45268-1072.**

Recommends indices that should be used in the interpretation of 301(h) biological monitoring data. Indices recommended were judged on biological meaning, ease of interpretation, and sensitivity to community changes caused by pollutant impacts. (17 pp.)

Summarizes EPA program activities and accomplishments in implementing section 301(h) of the Clean Water Act from 1978 to mid-1984. Discusses the technical findings resulting from a review of the 1979 301(h) applications from the 25 largest dischargers. Also presents recommendations for future 301(h) efforts. (79 pp.)

Provides technical support for the major changes made in the section 301(h) regulations since 1979. Offers technical explanations of the assessments required to obtain a 301(h) modified discharge permit and guidance for completion of the application questionnaires for small and large dischargers. All information is advisory only. (Superseded by the *Amended Section 301(h) Technical Support Document* (EPA842-B-94-007) (241 pp.)



** Simplified Deposition Calculation (DECAL) for Organic Accumulation Near Marine Outfall*
EPA430/9-88-001
1987

Statistical Methods for the Analysis of Lake Water Quality Trends
EPA841-R-93-003
12/93

**Summary of U.S. EPA—Approved Methods, Standard Methods, and Other Guidance for 301(h) Monitoring Variables*
EPA503-90-002
9/85

Watershed Monitoring and Reporting for Section 319 National Monitoring Program Projects
EPA841-B-91-113
8/91

DECAL is a simple model for predicting particle deposition and accumulation of organic material in sediments near municipal ocean outfall. The model has been formulated on the basis of coastal transport, particle transport, organic carbon cycles, and includes the effects of coagulation and settling of effluent particles and natural organic material.

This manual and the accompanying software in the SAS system presents nonparametric statistical methods for trend assessment in water quality, with an emphasis on lakes. The purpose of the manual and software is to furnish lake program managers with guidance on the application and interpretation of methods for the detection of trends in lake water quality. (107 pp.)

Provides a discussion of available methods to collect thirty-two biological, sediment, and water quality variables included in 301(h) monitoring programs to evaluate the impact of modified discharges on marine biota, demonstrate compliance with applicable water quality standards, and measure toxic substances in the discharge. (17 pp.)

Outlines state monitoring and reporting requirements for watershed projects funded under section 319 of the Clean Water Act. Reviews selection criteria for National Monitoring Program Projects. Describes four information files used in reporting: section 305(b) Waterbody System, Management File, Monitoring Plan File, and Annual Report File. Also includes the data input and reporting software package, Nonpoint Source Management System, Version 3.0, and hard copy report forms. (90 pp.)



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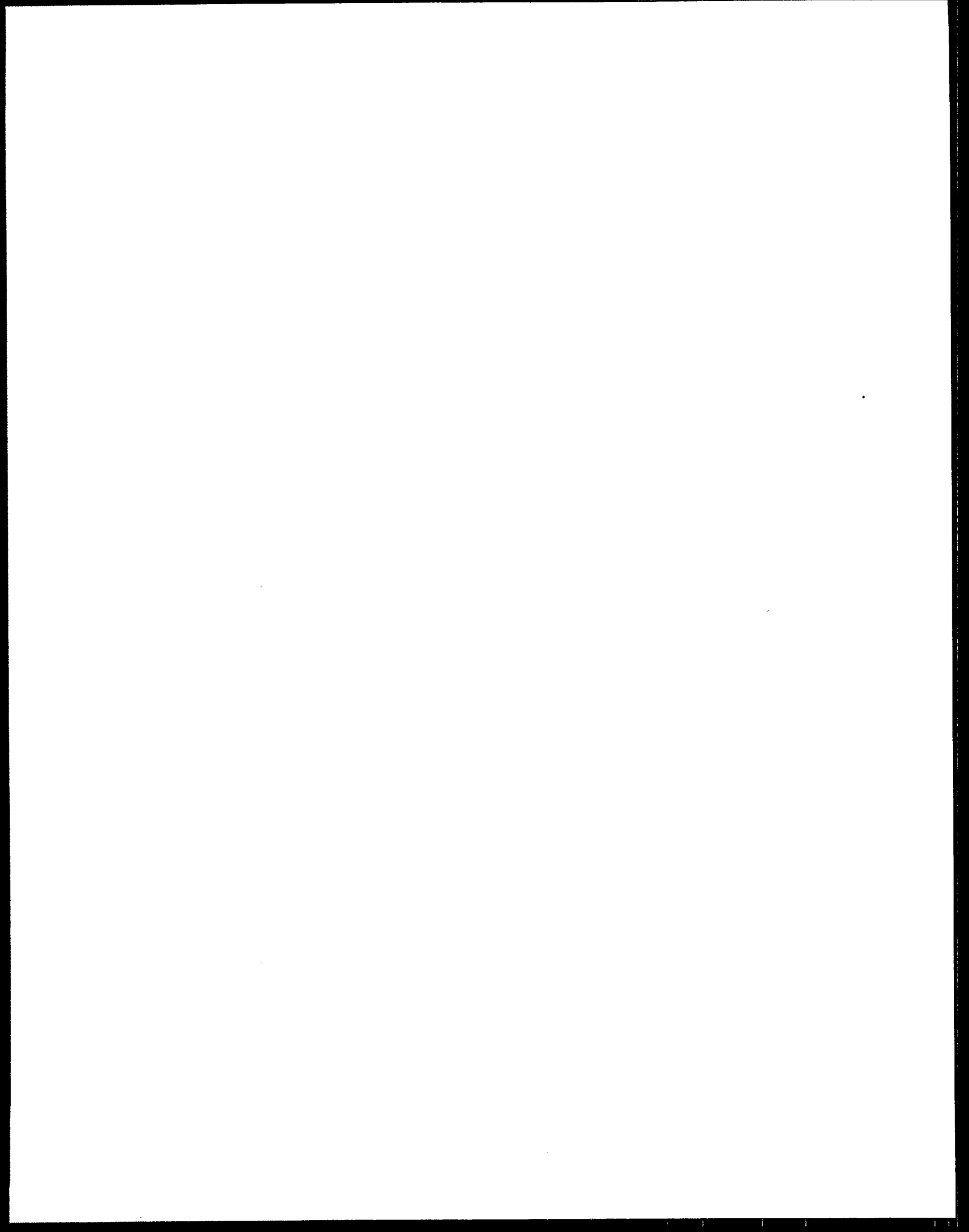
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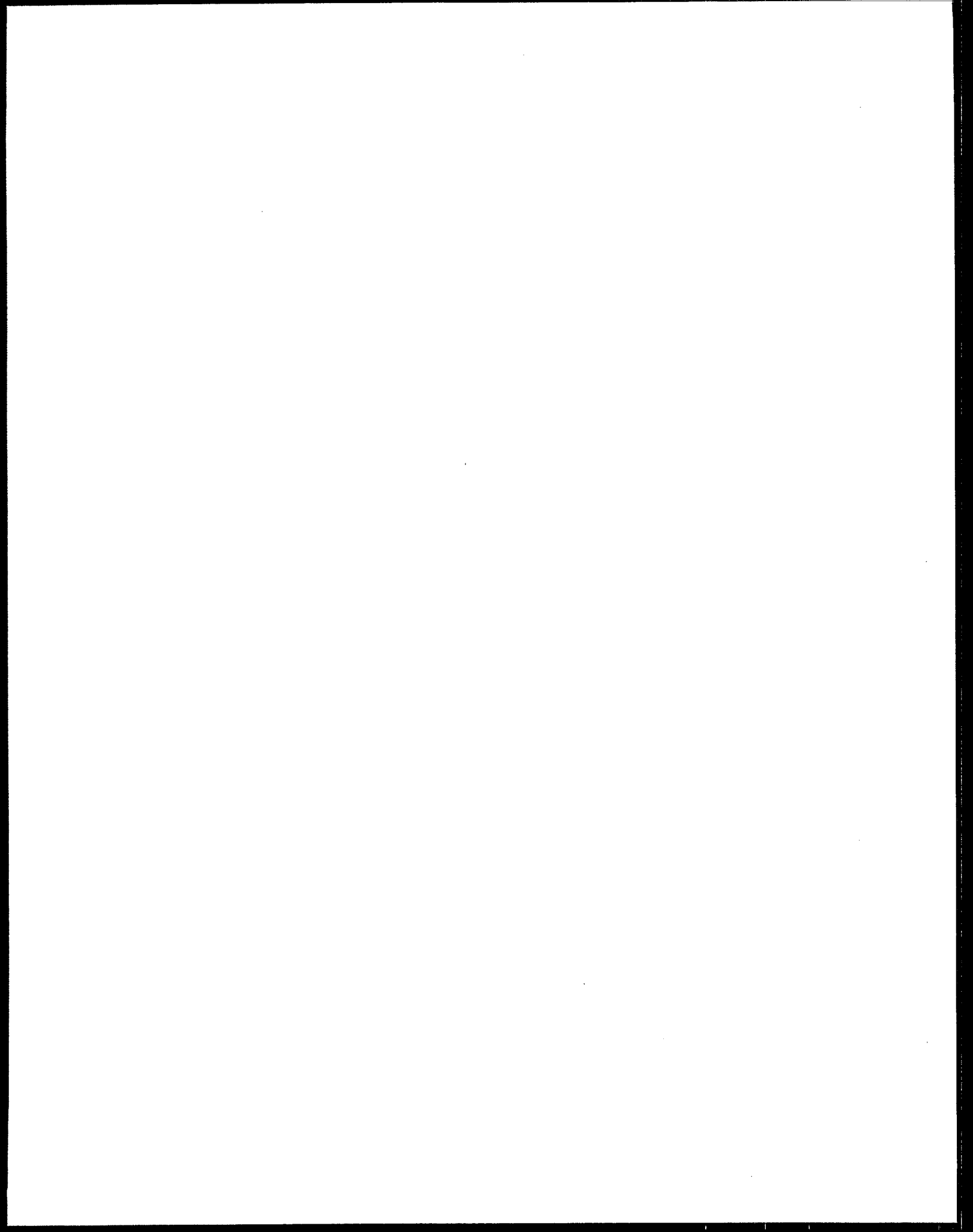
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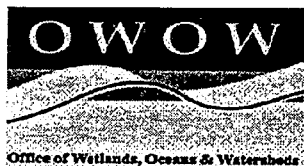
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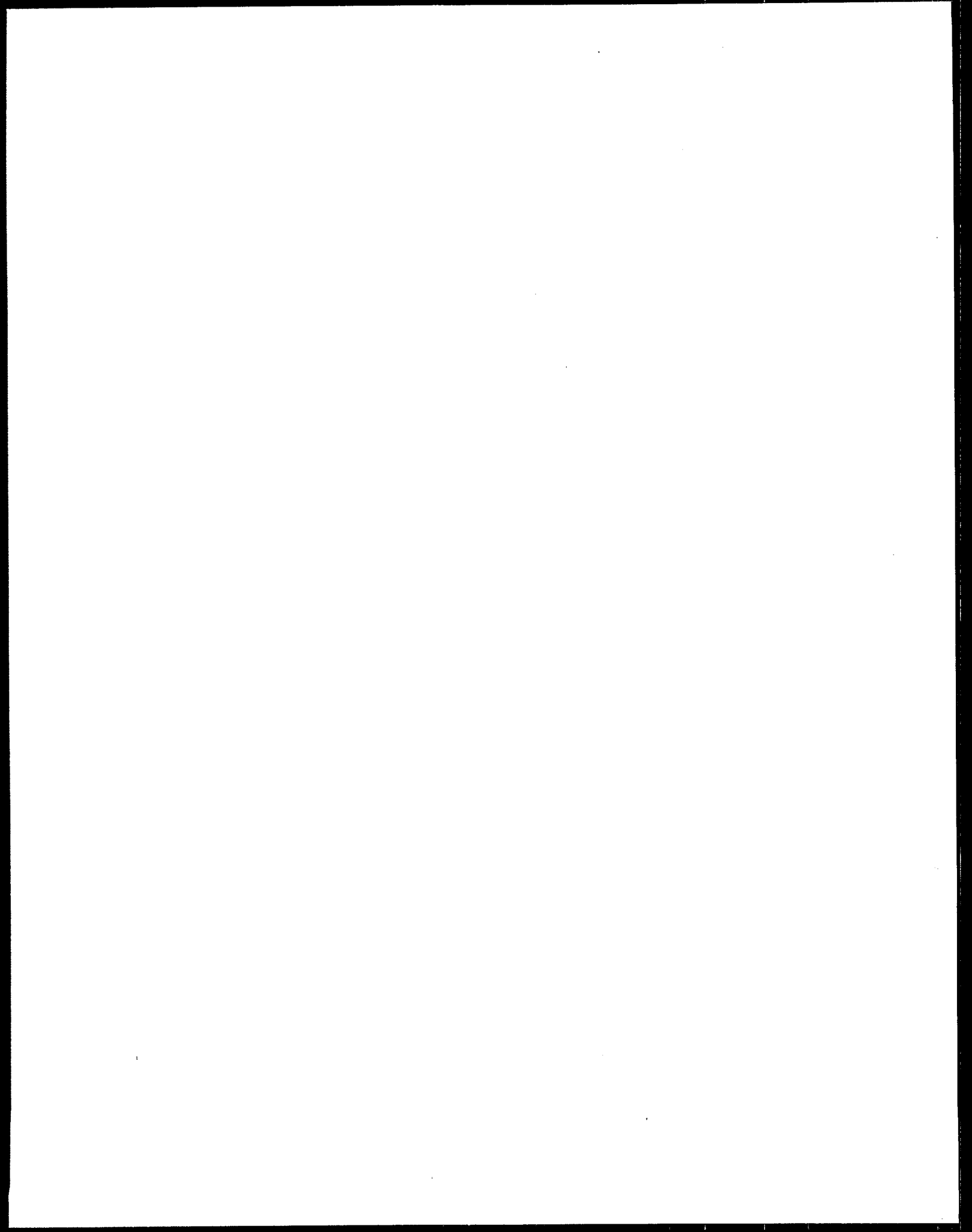
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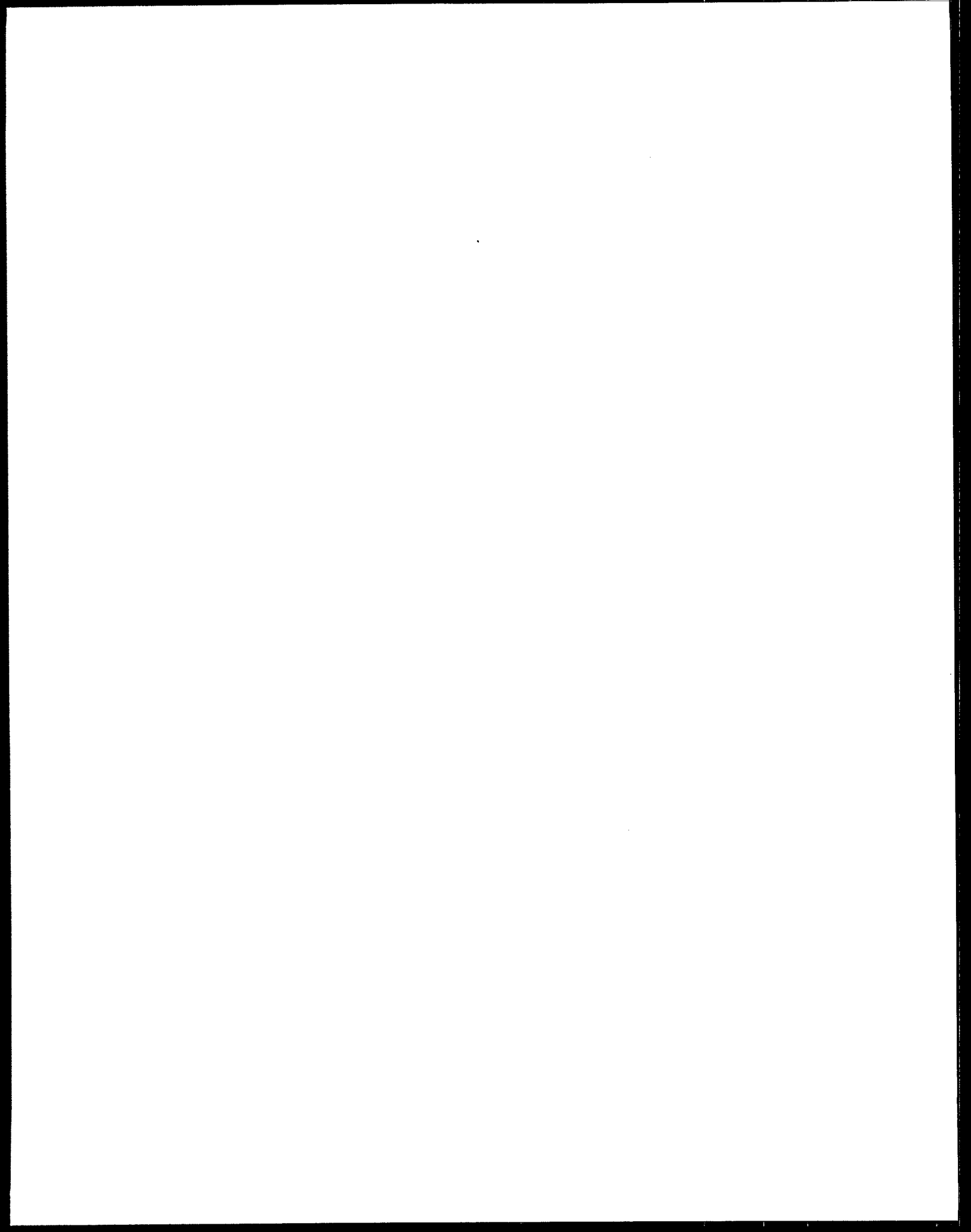
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