

United States  
Environmental Protection  
Agency

OCPA 19M-4001  
October 1989

Administration and Resources Management (PM-218B)



# Information Resources Directory

Fall 1989

# IRRD

*Printed on Recycled Paper*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OCT 10 1989

OFFICE OF  
ADMINISTRATION  
AND RESOURCES  
MANAGEMENT

TO: Members of the Environmental Protection Community

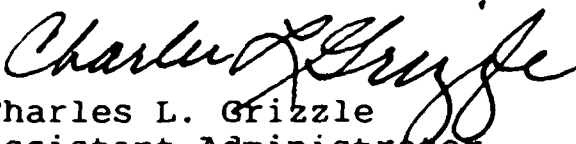
I am pleased to present the second edition of the Agency's Information Resources Directory (IRD).

Information is a tremendously valuable resource. If managed wisely, it can help EPA to meet its environmental challenges more effectively and efficiently. The Agency is committed to successful management of information and developed the IRD to promote greater information sharing throughout EPA and its partners in environmental protection.

The IRD is a guide to the multitude of Agency information resources. It includes both descriptive subject and programmatic listings of Agency data bases and models, hotlines and clearinghouses, dockets and libraries, documents and individual contacts. Where appropriate, it also lists selected environmental information resources outside of the Agency.

Those of you familiar with the first edition of the IRD will note changes in this edition. Certain sections have been removed; others expanded. Whenever possible we have tried to incorporate the numerous comments and suggestions that were received on the first edition. I continue to urge you to forward your comments for the next edition.

I know you share my enthusiasm for this directory as a powerful tool to assist you in your discovery of the information resources available through EPA.

  
Charles L. Grizzle  
Assistant Administrator

INFORMATION

RESOURCES

DIRECTORY

(IRD)

FALL 1989

U.S. ENVIRONMENTAL PROTECTION AGENCY

**O ■ I ■ R ■ M**

OFFICE OF  
INFORMATION RESOURCES MANAGEMENT

## About the IRD...

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This is the second edition of the Information Resources Directory (IRD) which was developed by the Environmental Protection Agency's Office of Information Resources Management (OIRM). The IRD was created to increase awareness to Agency information resources and promote greater information sharing throughout EPA and its partners in environmental protection.

Each section of the Directory is formatted differently to present the information in the most usable fashion. The first page of each section gives a synopsis of the type of information found in the section, describes how the information is arranged, provides a sample entry and lists sources. In most cases, indexes for the individual sections are found at the end of the sections.

The IRD is published every six months (in spring and fall) so that you will have access to the most current information. We are asking for your assistance in keeping the directory current. An IRD Information Update Form is included in the Directory for you to complete and submit to OIRM. Additionally, it should be noted that the IRD depends on many original sources for its information. These sources are noted in the beginning of each section. You may also wish to contact these original sources to make corrections.

Many people have contributed both directly and indirectly to this publication. It is important to acknowledge the work of the unnamed individuals who worked on the source documents for many of the sections.

OIRM welcomes comments at any time regarding the IRD. For more information, please contact:

Monique C. Currie  
Office of Information Resources Management  
U.S. Environmental Protection Agency  
401 M Street, S.W., PM-218B  
Washington, DC 20460  
(202) 382-5224  
E-mail: m.currie





# Information Resources Directory (IRD)

## Information Update Form

### I. Information Reviewer *To be completed by person submitting information.*

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

EPA Office/Division: \_\_\_\_\_

Address: \_\_\_\_\_ Phone No: \_\_\_\_\_

### II. Resource Information

Section of IRD: \_\_\_\_\_ Check one:

Page Number: \_\_\_\_\_ New Entry: \_\_\_\_\_

Resource Name/Information Relevant to Resource: \_\_\_\_\_ Revision: \_\_\_\_\_

Abstract (Or Attach Relevant Information):

### III. Contact Information

*Please provide information on the individual who will be listed in the IRD as the primary contact.*

Contact Name: \_\_\_\_\_

Contact Phone Number: \_\_\_\_\_ EPA Office: \_\_\_\_\_

Contact Mail Code: \_\_\_\_\_

(If non-EPA Contact, \_\_\_\_\_  
provide agency name & \_\_\_\_\_  
mailing address) \_\_\_\_\_

#### **OIRM Only**

Date Received: \_\_\_\_\_

Information verified: \_\_\_\_\_

Date entered to IRD: \_\_\_\_\_

Initials: \_\_\_\_\_

#### **Submit information to:**

Monique C. Currie  
Office of Information and Resources Management  
401 M Street, SW (PM-218B)  
Washington, D.C. 20460  
Phone number: (202) 382-5224  
E-Mail (m.currie)

# Information Resources Directory

## Table of Contents

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### **SECTION A      GENERAL REFERENCE**

Provides basic sources helpful in understanding the organization of the Agency including Headquarters organization charts, a map of the EPA Regional offices with addresses and Headquarters mail codes.

### **SECTION B      EPA INFORMATION SYSTEMS**

Synopsis of Agency information systems, data bases and models listed by responsible program or Regional office. Includes index at end of section.

### **SECTION C      EPA CONTACTS**

Alphabetical listing of EPA subject contacts with telephone numbers and Agency affiliations. Index included at end of section.

### **SECTION D      DOCKETS, HOTLINES, BULLETIN BOARDS AND CLEARINGHOUSES**

Additional sources of Agency and non-Agency environmental information. Index included at end of section.

### **SECTION E      EPA LIBRARIES**

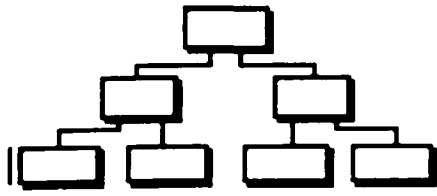
A guide to the services and special collections of the national network of EPA libraries.

# Information Resources Directory

## Table of Contents (Continued)

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|           |   |
|-----------|---|
| SECTION F | EPA DOCUMENTS   |
|           | Alphabetic listing of selected Agency documents, as well as general Federal publications, and their sources. Also lists sources for Agency publications not listed. |
| SECTION G | FEDERAL CONTACTS  |
|           | Lists environmental contacts at other Federal agencies, commissions and administrations.  |
| SECTION H | INTEREST GROUPS   |
|           | Professional organizations, advocacy groups, trade associations, etc., with environmental concerns.   |
| SECTION I | ACRONYMS AND ABBREVIATIONS  |
|           | A guide to the multitude of Agency acronyms and abbreviations.  |
| SECTION J | GLOSSARY  |
|           | A dictionary to selected Agency terms using non-technical language.   |



## Section A

# General Reference

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This section provides a number of basic reference sources helpful in understanding the organization of the Agency.

**EPA Headquarters Organization Charts** - Details all EPA Headquarters offices down to the Division level.

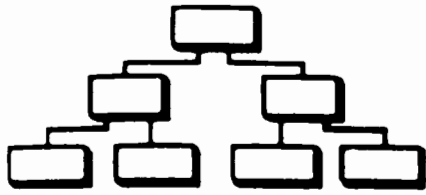
**EPA Regional Offices** - A list of the names and addresses of the 10 EPA Regional offices and a map outlining the States which comprise each Region.

**Headquarters Mail Codes** - Not only is this alphabetical list helpful in speeding the delivery of written communications both within and outside the Agency, but it can be used in conjunction with the EPA Headquarters Telephone Directory for an organizational picture of the Agency.

Sources:

**Organizational Charts** - Management and Organizational Division, Office of Administration and Resources Management, U.S. Environmental Protection Agency.

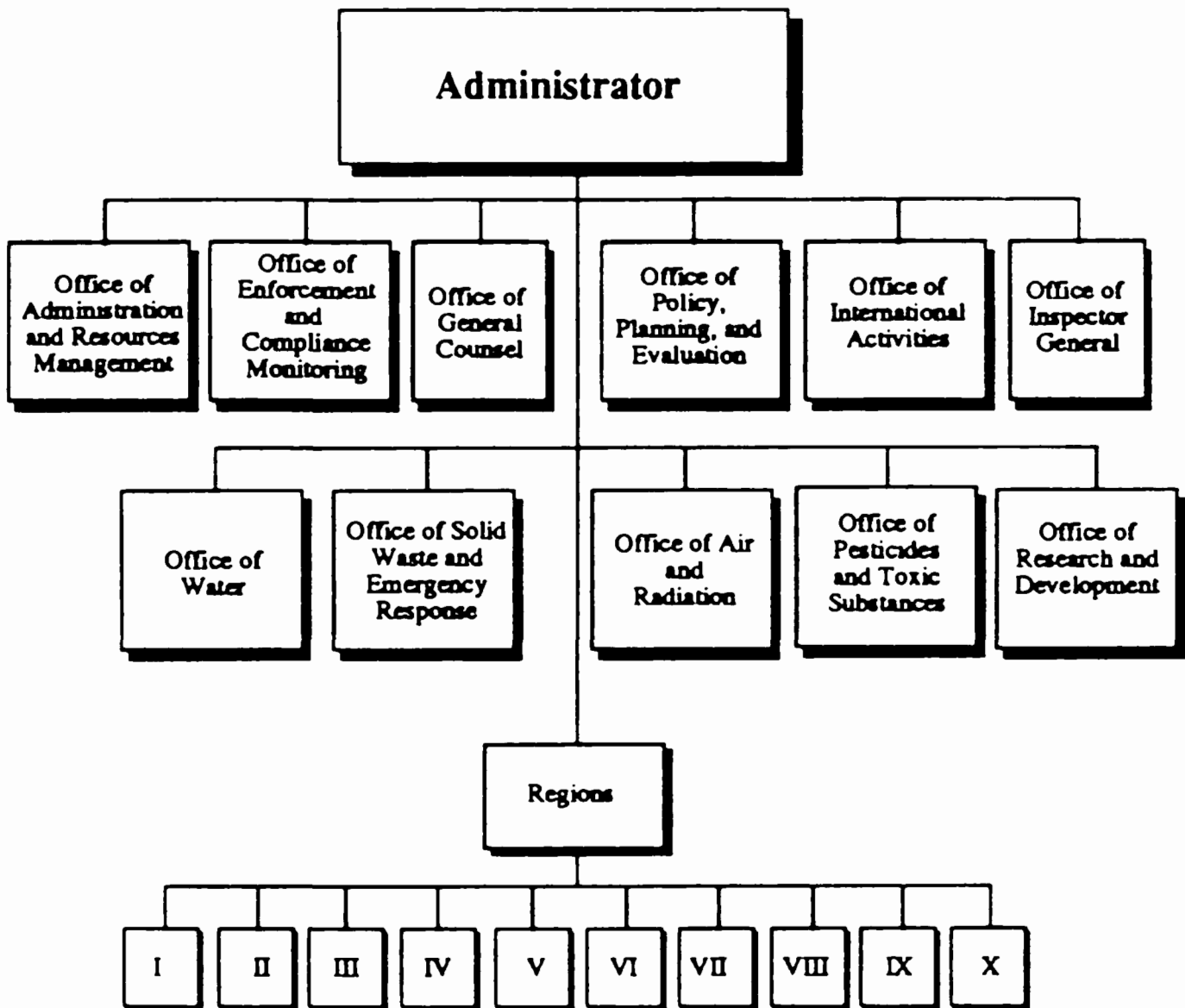
**Mail Codes** - The Washington Information Center, U.S. Environmental Protection Agency.



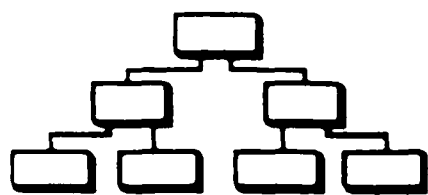
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## U.S. ENVIRONMENTAL PROTECTION AGENCY

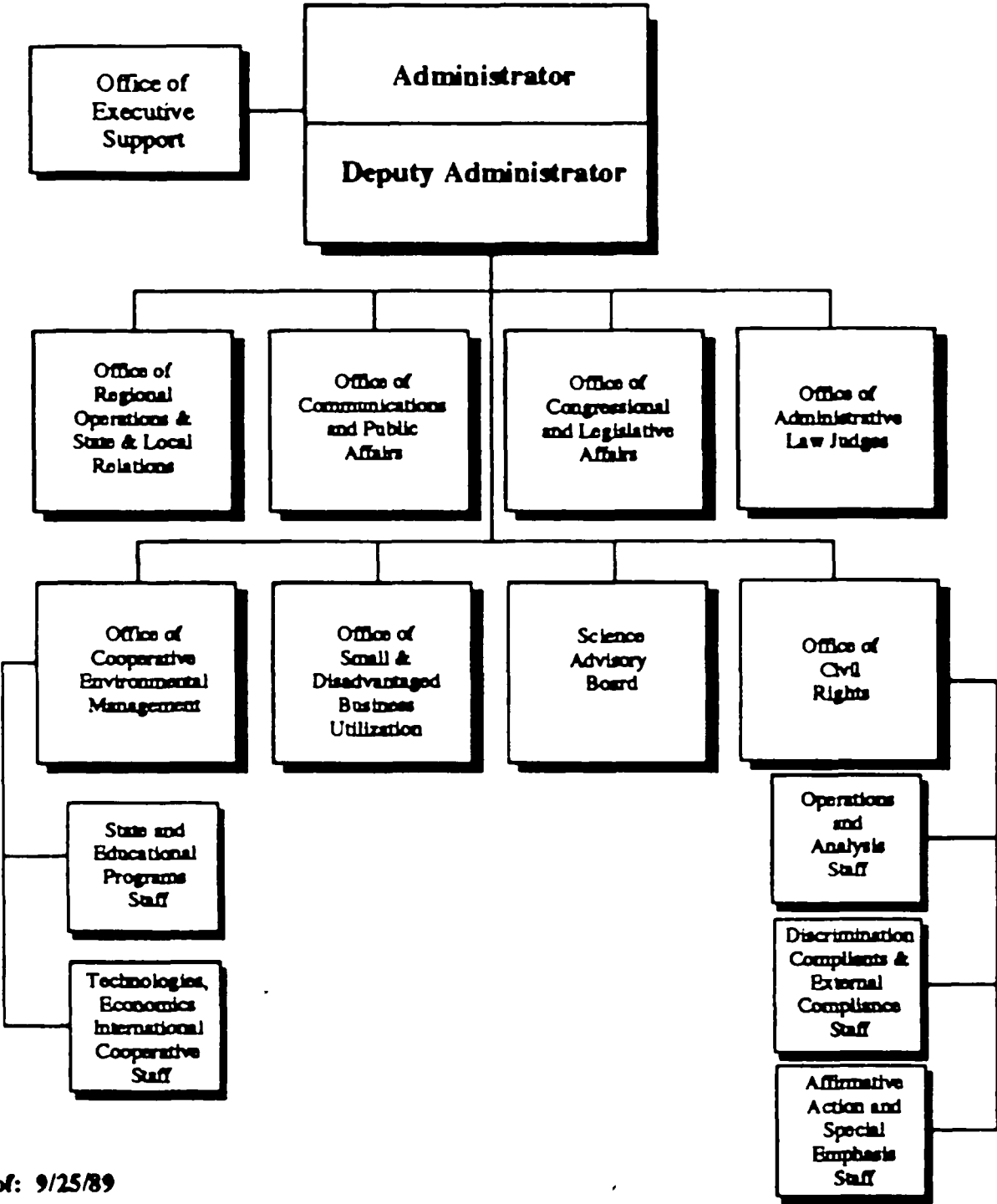


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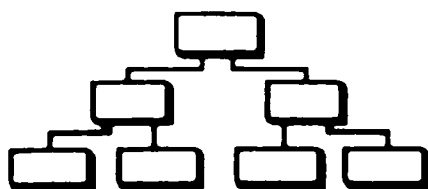


# General Reference

## OFFICE OF THE ADMINISTRATOR (OA)

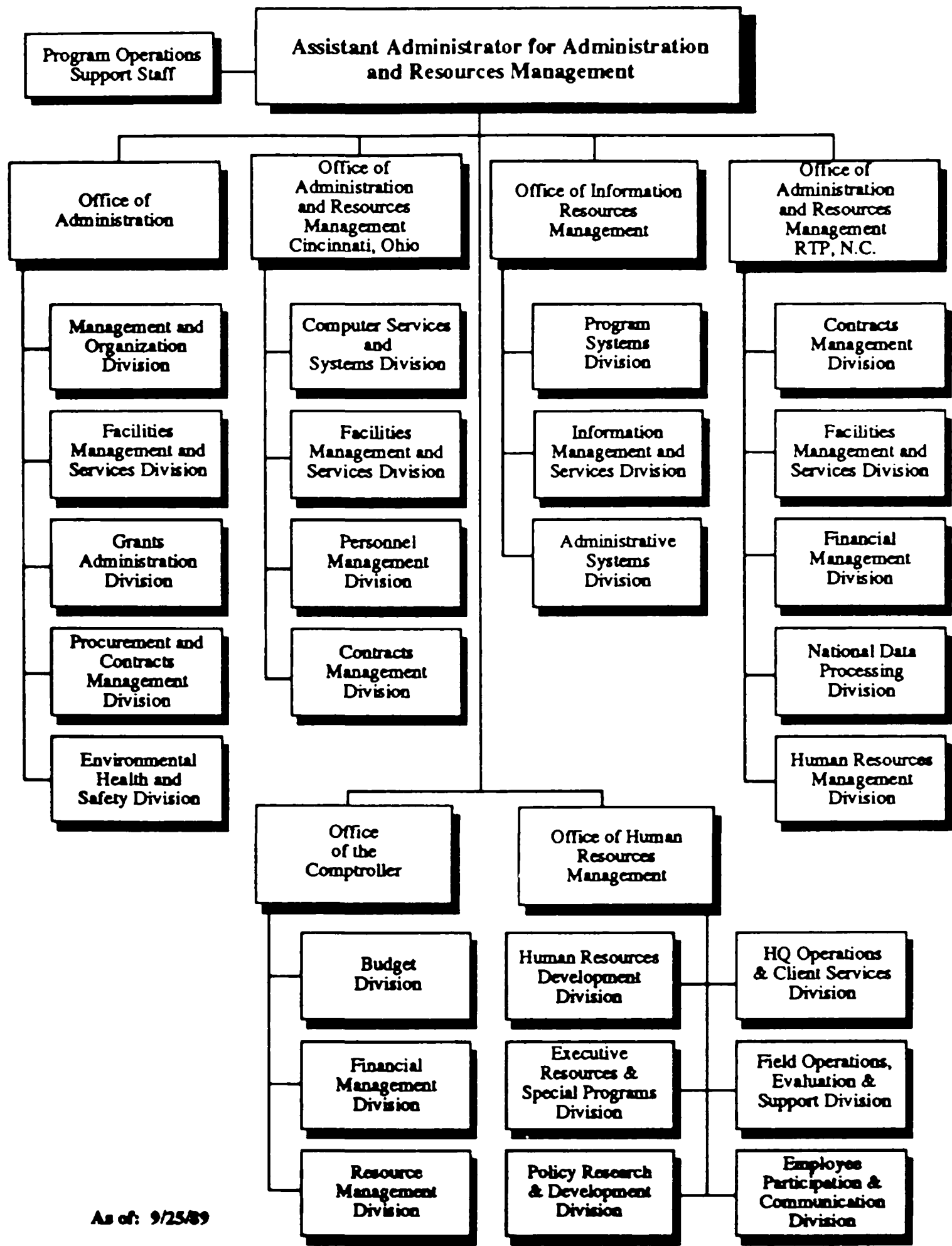


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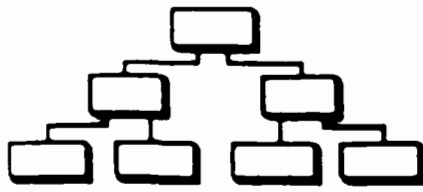


# General Reference

## OFFICE OF ADMINISTRATION AND RESOURCES MANAGEMENT (OARM)



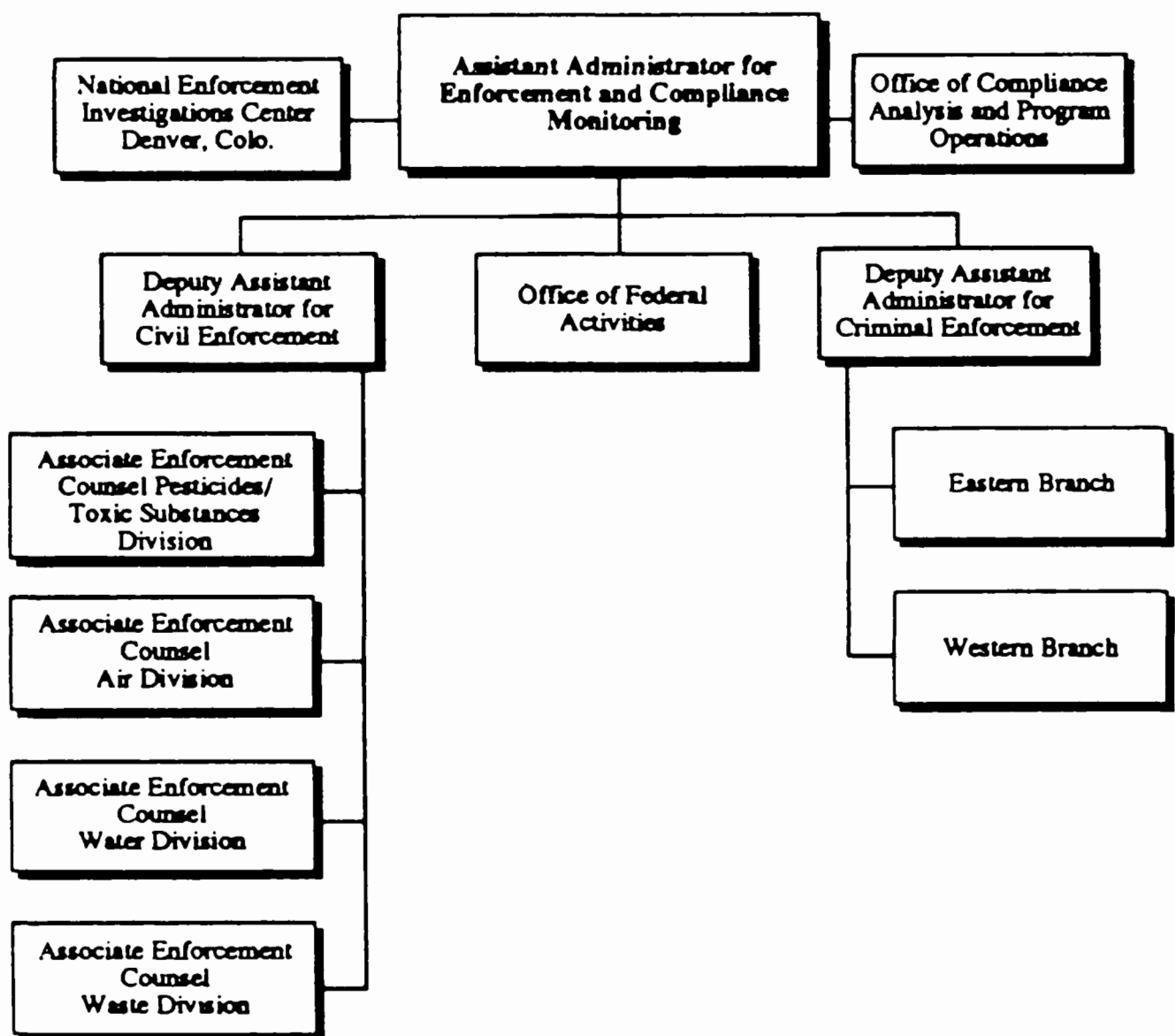
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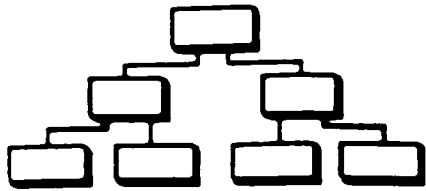
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## OFFICE OF ENFORCEMENT AND COMPLIANCE MONITORING (OECM)



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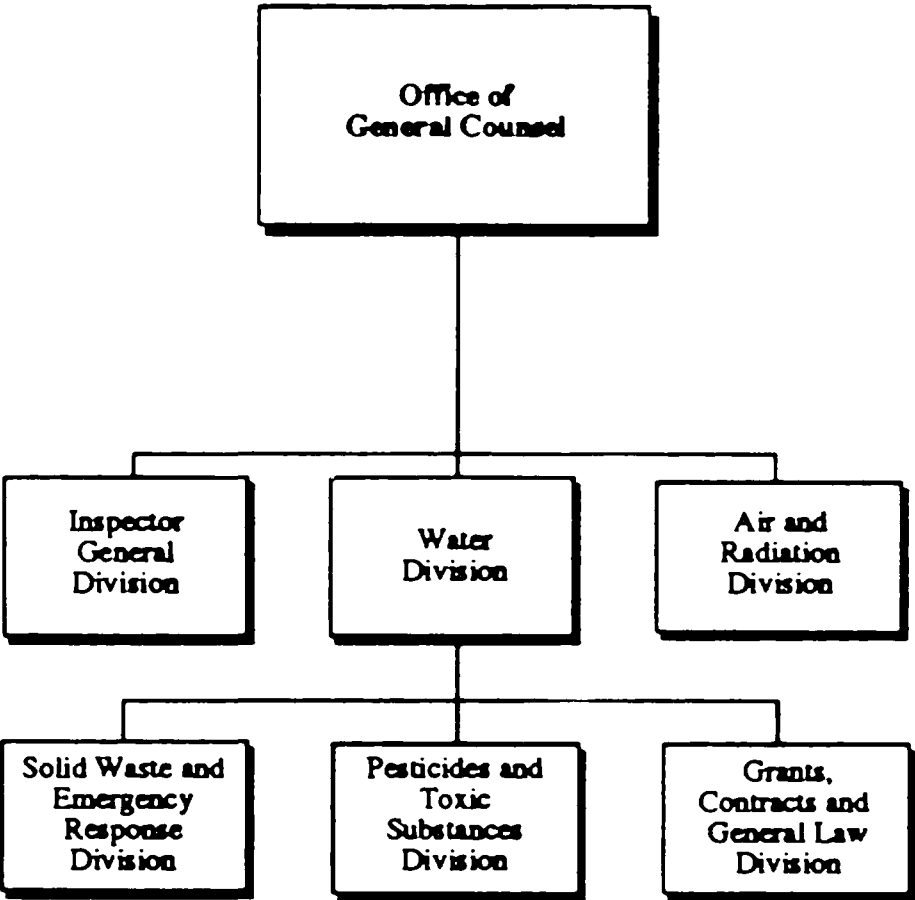




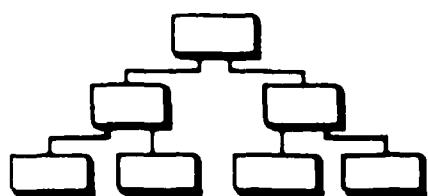
# General Reference

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## OFFICE OF GENERAL COUNSEL (OGC)



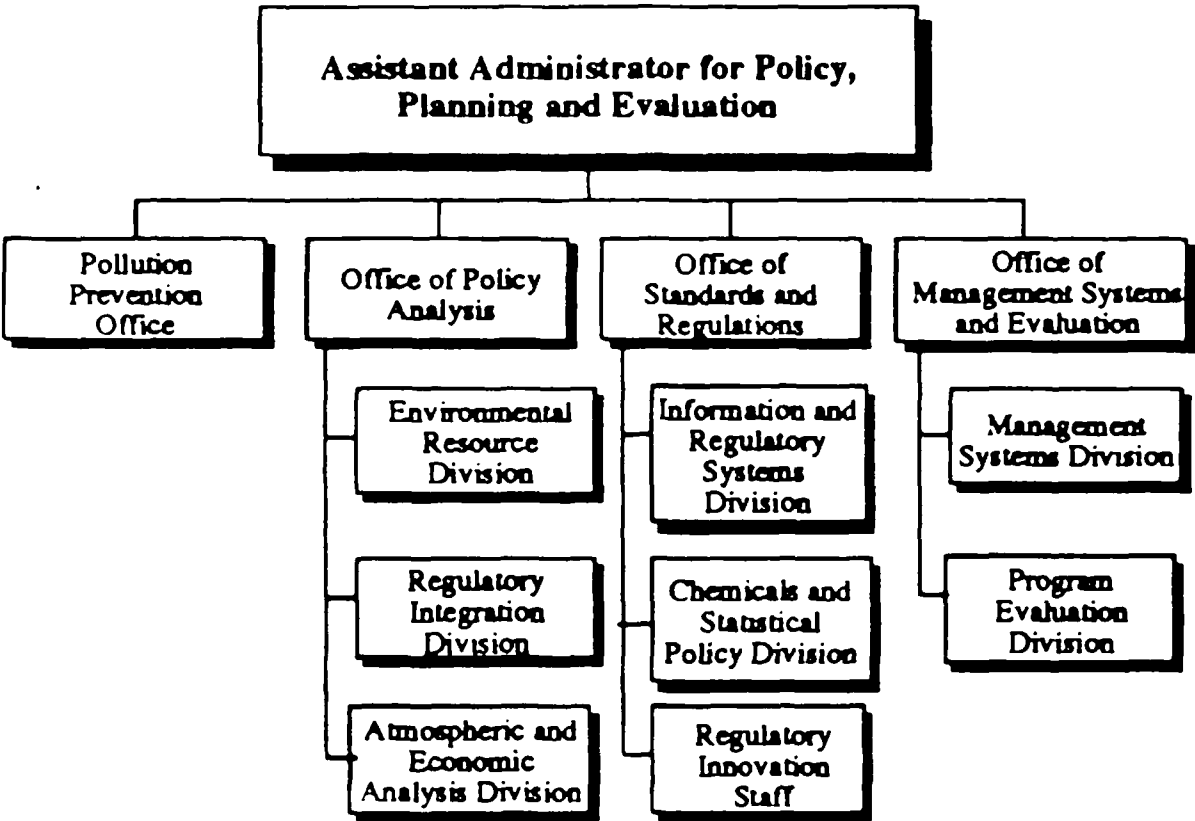
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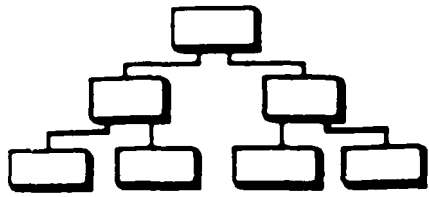
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## OFFICE OF POLICY, PLANNING AND EVALUATION (OPPE)



As of: 9/25/89



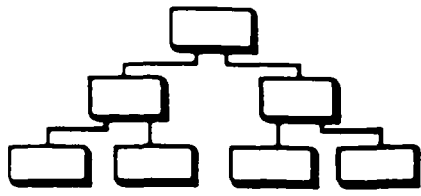
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## OFFICE OF INTERNATIONAL ACTIVITIES (OLA)



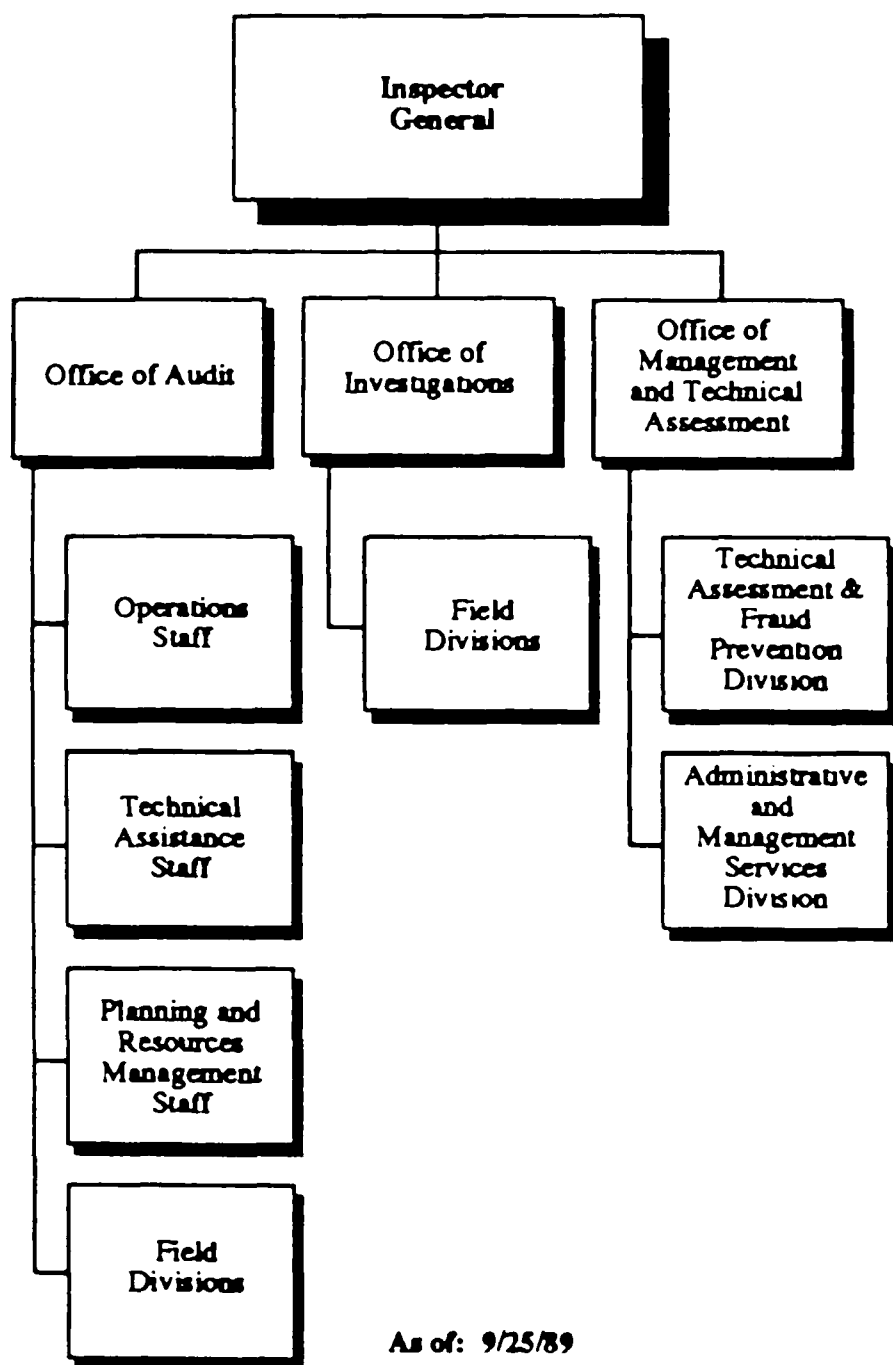
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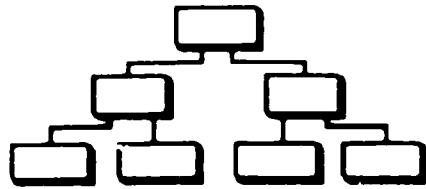
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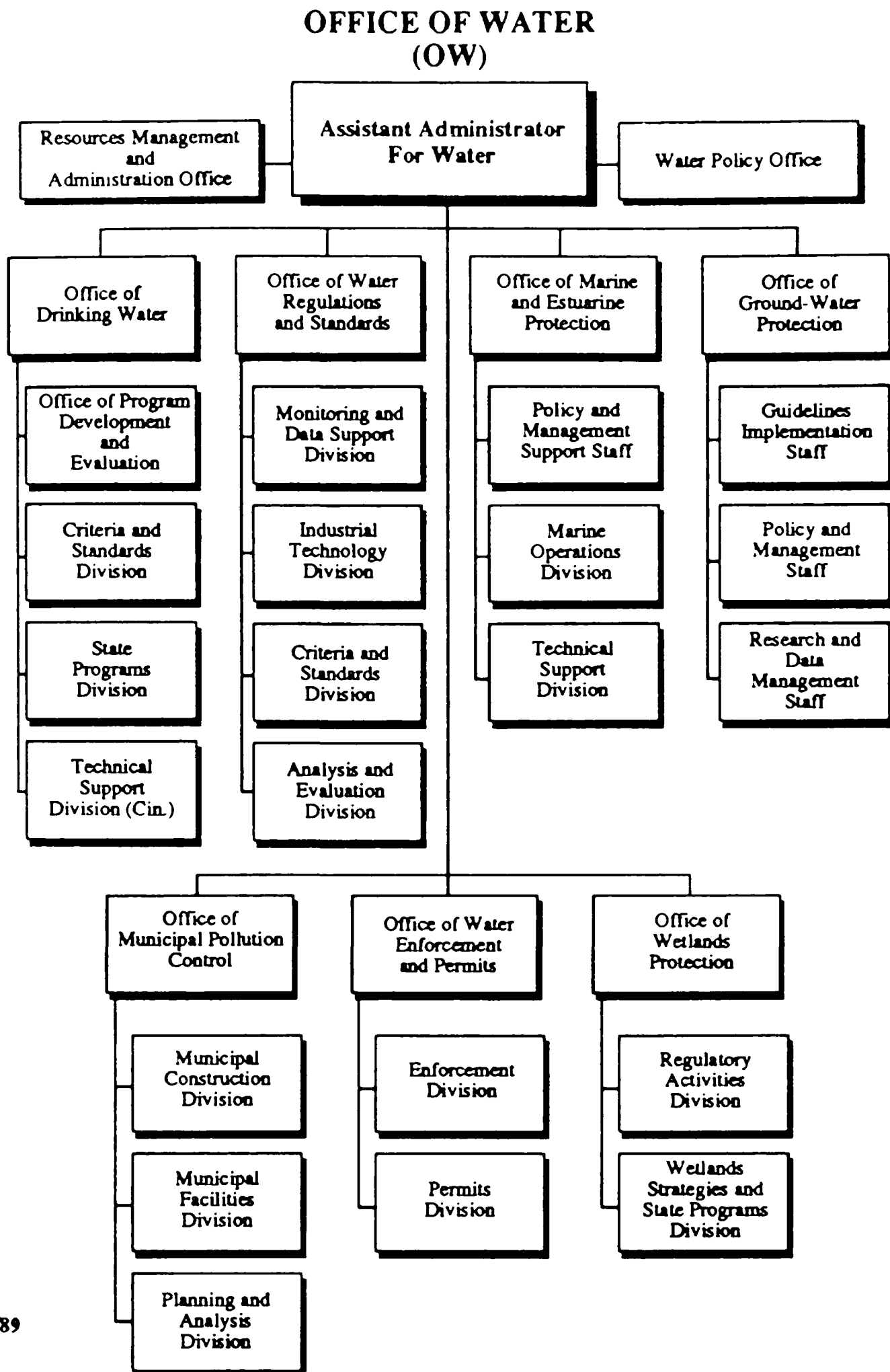
## OFFICE OF INSPECTOR GENERAL (OIG)



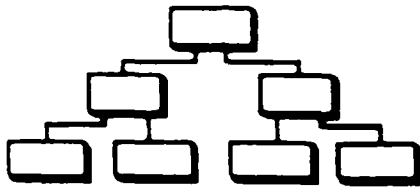
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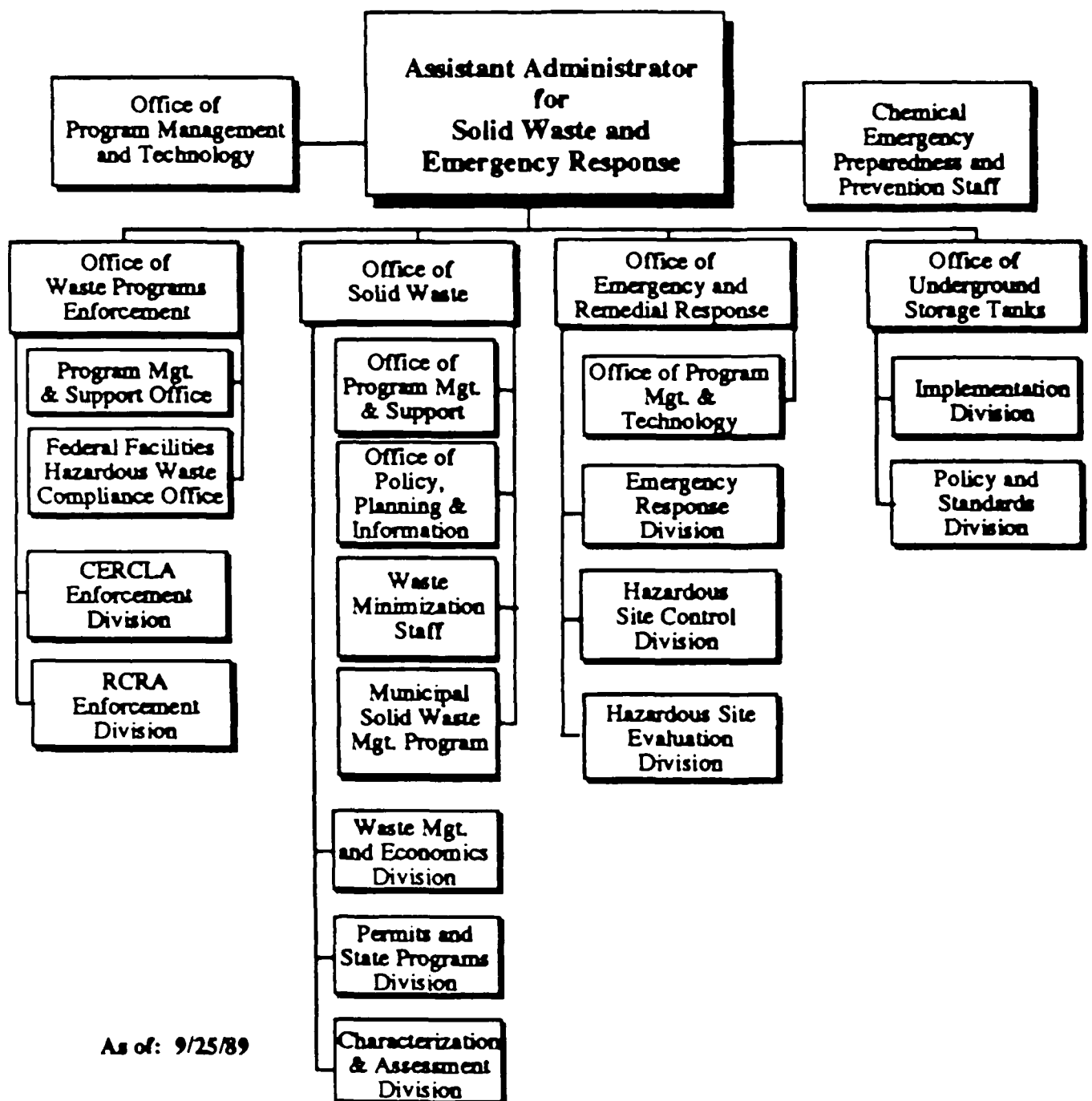


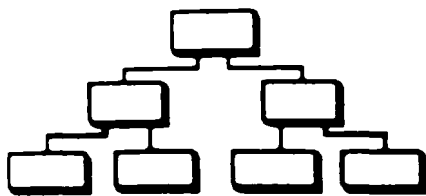
As of: 9/25/89



# General Reference

## OFFICE OF SOLID WASTE AND EMERGENCY RESPONSE (OSWER)

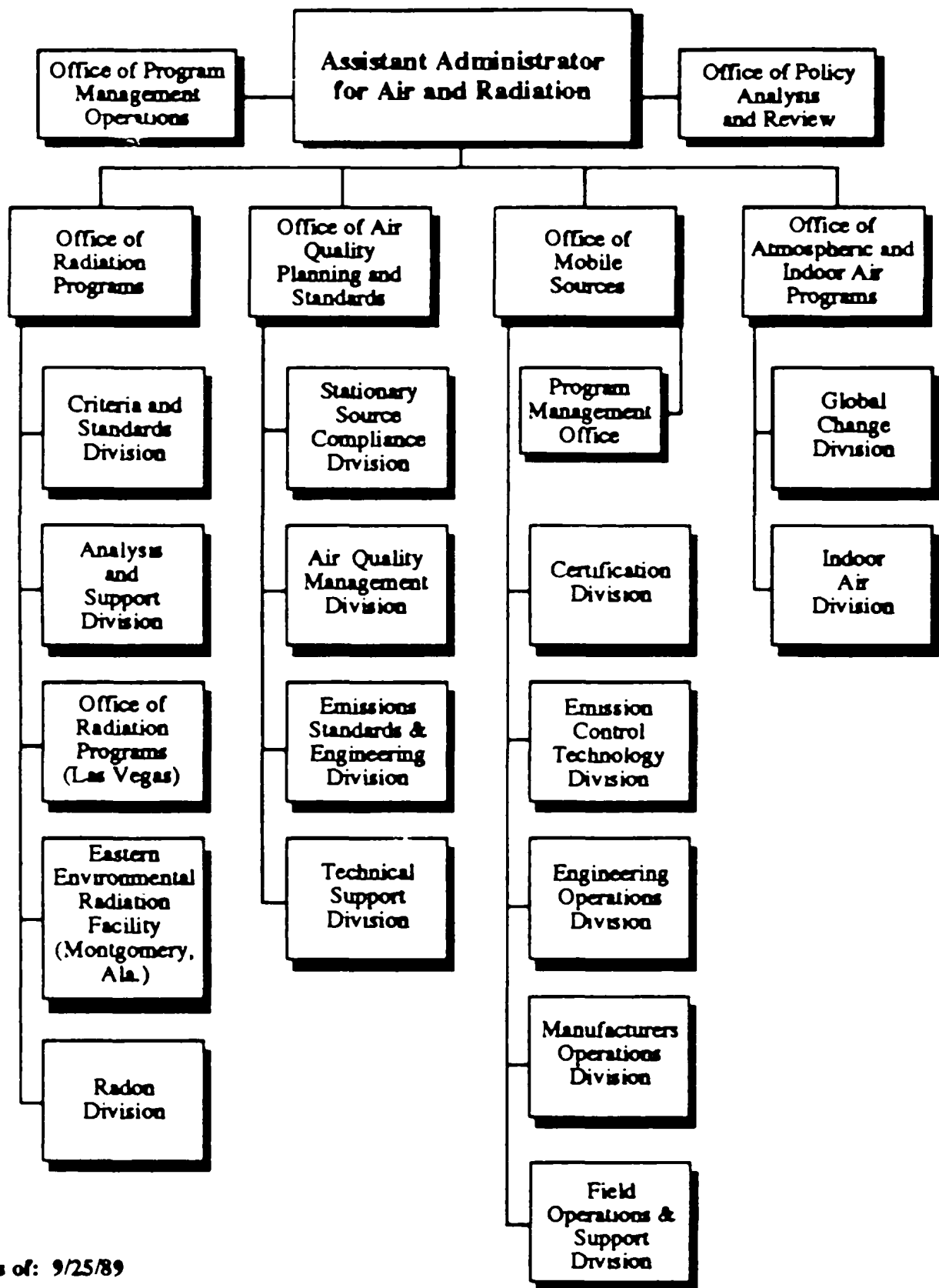




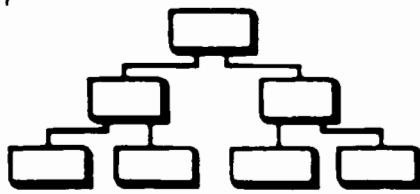
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## OFFICE OF AIR AND RADIATION (OAR)

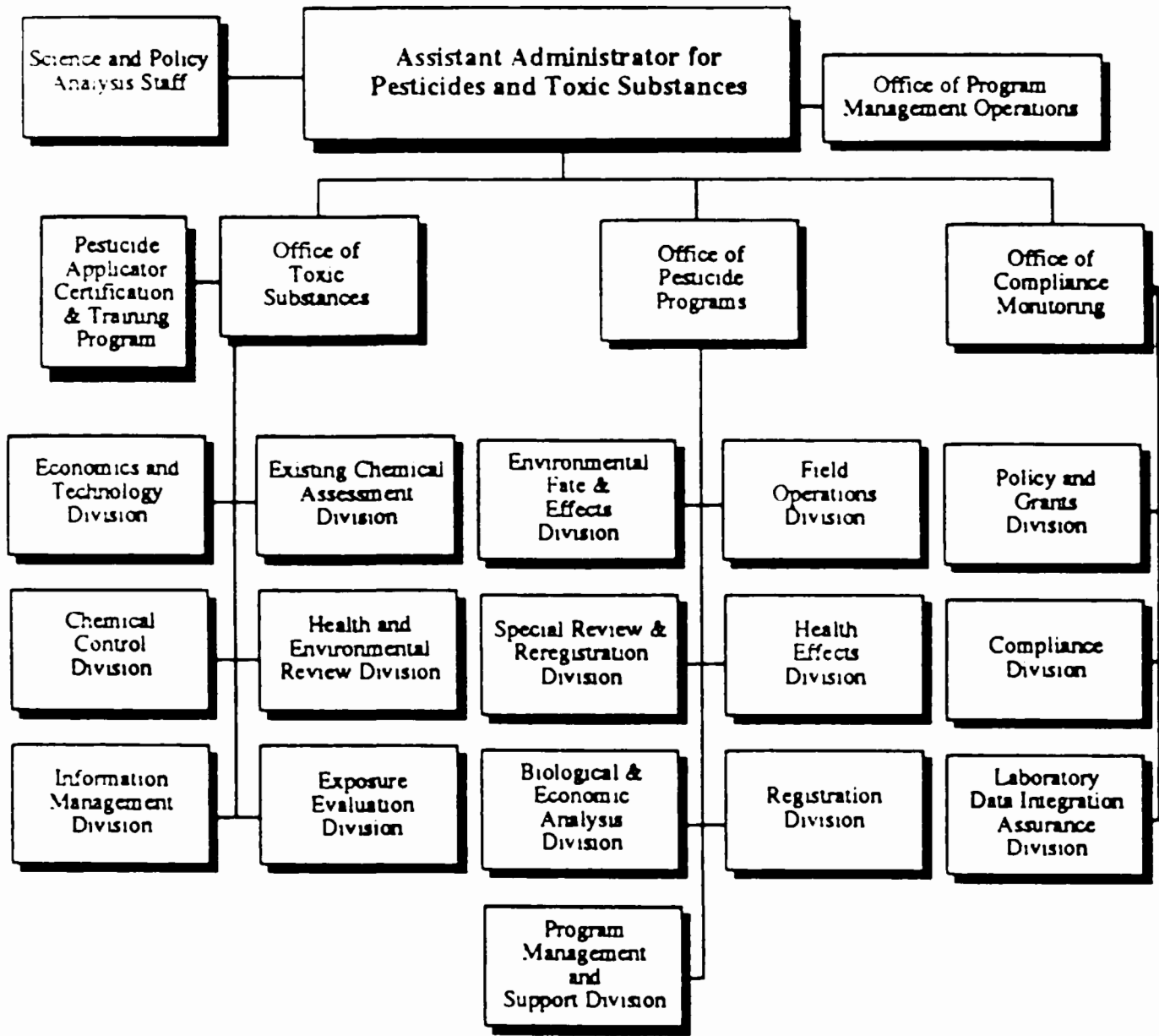


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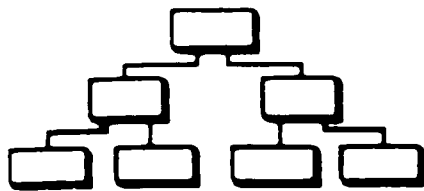
# General Reference

## OFFICE OF PESTICIDES AND TOXIC SUBSTANCES (OPTS)



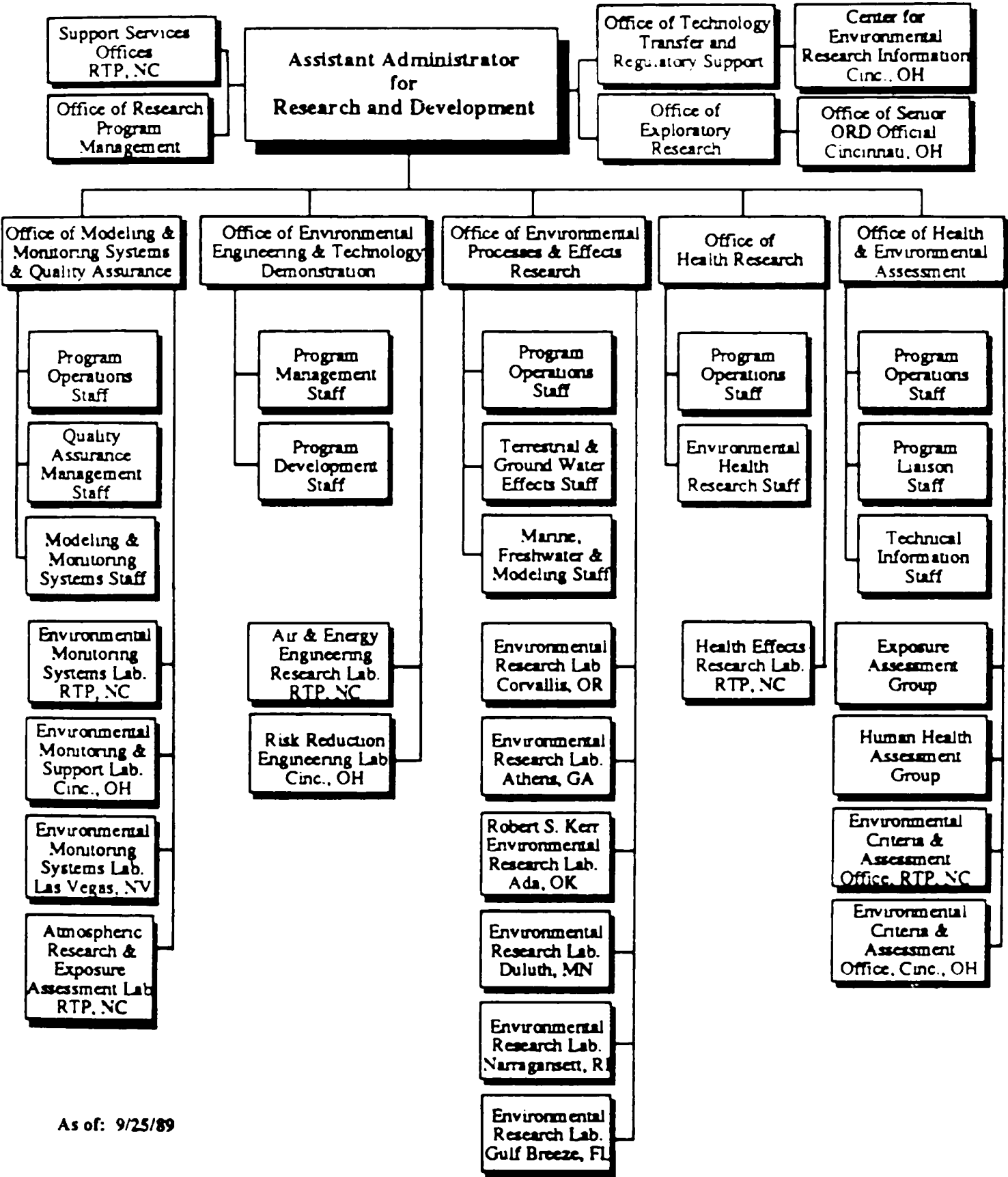
As of: 9/25/89





# General Reference

## OFFICE OF RESEARCH AND DEVELOPMENT (ORD)

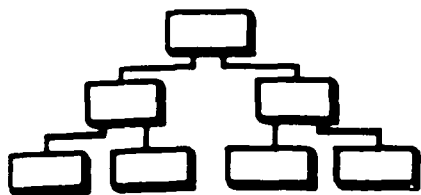


As of: 9/25/89



**Regions**

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| 4 — Alabama     | 1 — Maine          | 3 — Pennsylvania   |
| 10 — Alaska     | 3 — Maryland       | 1 — Rhode Island   |
| 9 — Arizona     | 1 — Massachusetts  | 4 — South Carolina |
| 6 — Arkansas    | 5 — Michigan       | 8 — South Dakota   |
| 9 — California  | 5 — Minnesota      | 4 — Tennessee      |
| 8 — Colorado    | 4 — Mississippi    | 6 — Texas          |
| 1 — Connecticut | 7 — Missouri       | 8 — Utah           |
| 3 — Delaware    | 8 — Montana        | 1 — Vermont        |
| 3 — D.C.        | 7 — Nebraska       | 3 — Virginia       |
| 4 — Florida     | 9 — Nevada         | 10 — Washington    |
| 4 — Georgia     | 1 — New Hampshire  | 3 — West Virginia  |
| 9 — Hawaii      | 2 — New Jersey     | 5 — Wisconsin      |
| 10 — Idaho      | 6 — New Mexico     | 8 — Wyoming        |
| 5 — Illinois    | 2 — New York       | 9 — American Samoa |
| 5 — Indiana     | 4 — North Carolina | 9 — Guam           |
| 7 — Iowa        | 8 — North Dakota   | 2 — Puerto Rico    |
| 7 — Kansas      | 5 — Ohio           | 2 — Virgin Islands |
| 4 — Kentucky    | 6 — Oklahoma       |                    |
| 6 — Louisiana   | 10 — Oregon        |                    |



## General Reference

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### Addresses for EPA Regional Offices

#### REGION 1

Environmental Protection Agency  
John F. Kennedy Federal Building  
Room 2203  
Boston, MA 02203  
FTS: 8-835-3715  
DDD: (617) 565-3715

#### REGION 2

Environmental Protection Agency  
Jacob K. Javitz Federal Building  
26 Federal Plaza  
New York, NY 10278  
FTS: 8-264-2657  
DDD: (212) 264-2657

#### REGION 3

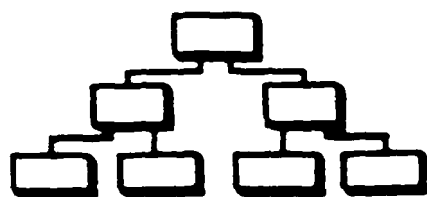
Environmental Protection Agency  
841 Chestnut Building  
Philadelphia, PA 19107  
FTS: 8-597-9800  
DDD: (215) 597-9800

#### REGION 4

Environmental Protection Agency  
345 Courtland Street, NE  
Atlanta, GA 30365  
FTS: 8-257-4727  
DDD: (404) 347-4727

#### REGION 5

Environmental Protection Agency  
230 South Dearborn Street  
Chicago, IL 60604  
FTS: 8-353-2000  
DDD: (312) 353-2000



## General Reference

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### Addresses for EPA Regional Offices (cont'd)

#### REGION 6

Environmental Protection Agency  
First Interstate Bank Tower  
at Fountain Place  
1445 Ross Avenue 12th Floor Suite 1200  
Dallas, TX 75202  
FTS: 8-255-6444  
DDD: (214) 655-6444

#### REGION 7

Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
FTS: 8-757-2800  
DDD: (913) 236-2800

#### REGION 8

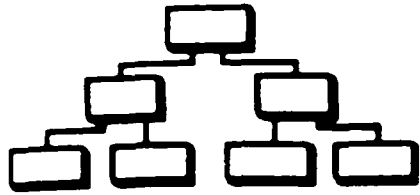
Environmental Protection Agency  
999 18th Street Suite 500  
Denver, CO 80202-2405  
FTS: 8-564-1603  
DDD: (303) 293-1603

#### REGION 9

Environmental Protection Agency  
215 Fremont Street  
San Francisco, CA 94105  
FTS: 8-484-8071  
DDD: (415) 744-8071

#### REGION 10

Environmental Protection Agency  
1200 Sixth Avenue  
Seattle, WA 98101  
FTS: 8-399-1200  
DDD: (206) 442-1200

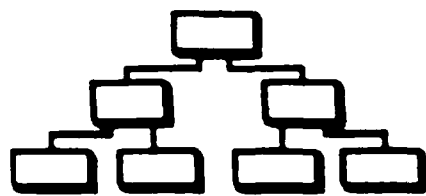


## General Reference

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### Organizational Mail Codes for EPA Headquarters, Washington D.C.

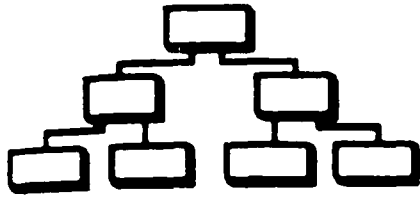
| <u>Mail Code</u> | <u>Office</u>  |
|------------------|--|
| A-100            | Office of the Administrator                            |
| A-100EA          | Assistant Administrator for External Affairs           |
|                  | Office of Community and Intergovernmental Relations    |
| A-101            | Office of the Deputy Administrator                     |
|                  | Office of Executive Support                            |
|                  | Associate Administrator for Regional Operations        |
| A101ED           | Earth Day Task Force                                   |
| A-101F           | Science Advisory Board                                 |
|                  | Office of Cooperative Environmental Management         |
| A-102            | Office of Legislative Analysis                         |
| A-103            | Office of Congressional Liaison                        |
| A-104            | Office of Federal Activities                           |
| A-104F           | Office of Wetlands Protection                          |
|                  | Wetlands Strategies and State Programs Division        |
|                  | Regulatory Activities Division                         |
| A-105            | Office of Civil Rights                                 |
| A-106            | Associate Administrator for International Activities   |
| A-107            | Office of Public Affairs                               |
|                  | Audio Visual Division                                  |
|                  | Editorial Division                                     |
|                  | Press Division   |
| A-108            | Office of Community and Intergovernmental Relations    |
| A-109            | Office of the Inspector General                        |
|                  | Divisional Offices of the Inspector General            |
| A-110            | Office of the Administrative Law Judges                |
| A-149C           | Office of Small and Disadvantaged Business Utilization |
| ANR-443          | Assistant Administrator for Air and Radiation          |
|                  | Office of Program Management Operations                |
|                  | Office of Policy Analysis and Review                   |
| ANR-445          | Office of Atmospheric and Indoor Air Programs          |
|                  | Global Change Division                                 |
|                  | Indoor Air Division                                    |
|                  | Emerging Programs Staff                                |



## General Reference

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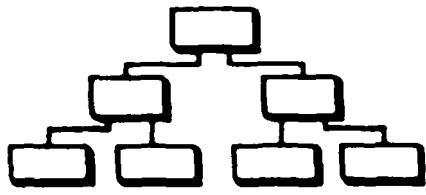
| <u>Mail Code</u> | <u>Office</u>  |
|------------------|--|
| ANR-455          | Office of Mobile Sources   |
|                  | Program Management Office  |
| ANR-458          | Office of Radiation Programs   |
| ANR-459          | Program Management Office  |
| ANR-460          | Criteria and Standards Division  |
| ANR-461          | Analysis and Support Division  |
| ANR-464          | Radon Division   |
| EN-335           | Office of Water Enforcement and Permits                                |
| EN-336           | Permits Division   |
| EN-338           | Enforcement Division   |
| EN-340F          | Manufacturers Operations Division                                      |
| EN-341           | Stationary Source Compliance Division                                  |
| EN-342           | Office of Compliance Monitoring  |
|                  | Compliance Division  |
|                  | Policy and Grants Division   |
|                  | Laboratory Data Integrity Assurance Division                           |
| EN397F           | Field Operations and Support Division                                  |
| GAO              | General Accounting Office  |
| H7501C           | Office of Pesticide Programs   |
| H7502C           | Program Management and Support Division                                |
| H7503C           | Biological and Economic Analysis Division                              |
| H7505C           | Registration Division  |
| H7506C           | Field Operations Division  |
| H7507C           | Environmental Fate and Effects Division                                |
| H7508C           | Special Review and Reregistration Division                             |
| H7509C           | Health Effects Division  |
| H8105            | Office of Technology Transfer and Regulatory Support                   |
| LE-130           | Office of General Counsel  |
| LE-130L          | Office of General Counsel  |
| LE-130M          | Office of General Counsel  |
| LE-131           | Air Docket   |
| LE-132A          | Associate General Counsels Air and Radiation Division                  |
| LE-132G          | Associate General Counsels Grants, Contracts and General Law Division  |
| LE-132I          | Associate General Counsels Inspector General Division                  |
| LE-132P          | Associate General Counsels Pesticides and Toxic Substances Division    |
| LE-132S          | Associate General Counsels Solid Waste and Emergency Response Division |
| LE-132W          | Associate General Counsels Water Division                              |



## General Reference

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| <u>Mail Code</u> | <u>Office</u>   |
|------------------|---|
| LE-133           | Assistant Administrator for Enforcement and Compliance Monitoring<br>Office of Compliance Analysis and Program Operations |
| LE-134A          | Associate Enforcement Counsel for Air Enforcement<br>Air Enforcement Branch   |
| LE-134P          | Associate Enforcement Counsel for Pesticides and Toxic Substances<br>Waste Enforcement Branch                             |
| LE-134S          | Associate Enforcement Counsel for Water Enforcement<br>Water Enforcement Branch   |
| LE-134W          | Deputy Assistant Administrator for Enforcement and Compliance Monitoring  |
| LE-134X          | Assistant Administrator for Solid Waste and Emergency Response  |
| OS-100           | Office of Program Management and Technology   |
| OS-110           | Chemical Emergency Preparedness and Prevention Office   |
| OS-120           | RCRA Ombudsman  |
| OS-130           | Office of Emergency and Remedial Response (Superfund)   |
| OS-200           | Emergency Response Division   |
| OS-210           | Hazardous Site Control Division   |
| OS-220           | Hazardous Site Evaluation Division  |
| OS-230           | Office of Program Management  |
| OS-240           | Office of Solid Waste   |
| OS-300           | Municipal Solid Waste Program Task Force  |
| OS-301           | Office of Program Management and Support  |
| OS-305           | Office of Policy Planning and Information   |
| OS-310           | Office of Policy Planning and Information   |
| OS-311           | Economic Analysis Staff   |
| OS-312           | Waste Management Division   |
| OS-320           | Land Disposal Branch  |
| OS-321           | Waste Treatment Branch  |
| OS-322           | Special Wastes Branch   |
| OS-323           | Characterization and Assessment Division  |
| OS-330           | Technical Assessment Branch   |
| OS-331           | Waste Characterization Branch   |
| OS-332           | Land Disposal Restriction Branch  |
| OS-333           | Permits and State Programs Division   |
| OS-340           | Permits Branch  |
| OS-341           | State Programs Branch   |
| OS-342           | Assistant Branch  |
| OS-343           |   |

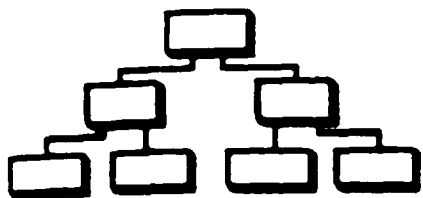


## General Reference

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| <u>Mail Code</u> | <u>Office</u>   |
|------------------|---|
| OS-400           | Office of Underground Storage Tanks                                 |
| OS-410           | Policy and Standards Division                                       |
| OS-420           | Implementation Division   |
| OS-500           | Office of Waste Programs Enforcement                                |
| OS-505           | Program Management and Support Operations Staff                     |
| OS-510           | CERCLA Enforcement Division   |
| OS-520           | RCRA Enforcement Division   |
| OS-530           | Federal Facilities Hazardous Waste Compliance Office                |
| PM-208           | Assistant Administrator for Administration and Resources Management |
| PM-208W          | Employee Counseling and Assistance Program                          |
| PM-211           | Office of Information Resources Management                          |
| PM-211A          | Headquarters Library  |
| PM-211B          | Public Information Center   |
| PM-211D          | Information Management and Services Division                        |
| PM-211M          | Management Planning & Evaluation Staff                              |
| PM-211T          | Telecommunications  |
| PM-212           | Human Resources Development Division                                |
|                  | Policy Research and Development Division (and PM-224)               |
|                  | Headquarters Operations and Client Services Division                |
|                  | Field Operations, Evaluation, and Support Division                  |
|                  | Employee Participation and Communications Division                  |
| PM-213           | Management and Organization Division                                |
| PM-214F          | Procurement and Contracts Management Division                       |
| PM-215           | Facilities Management Services Division                             |
| PM-215C          | Facilities Management Services Division                             |
| PM-215F          | Facilities Management Services Division                             |
| PM-216F          | Grants Administration Division                                      |
| PM-217           | Office of Administration  |
| PM-218           | Administrative Systems Division                                     |
| PM-218B          | Program Systems Division  |
| PM-218D          | Program Systems Division  |
| PM-218F          | Program Systems Division  |
| PM-219           | Assistant Administrator for Policy, Planning and Evaluation         |
|                  | Pollution Prevention Office   |
|                  | Policy and Program Development Division                             |
|                  | Technical Implementation Division                                   |
| PM-220           | Regulatory Integration Division                                     |

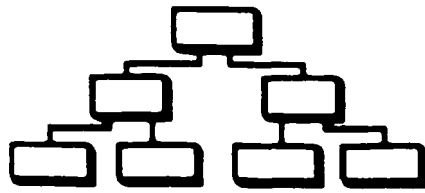




## General Reference

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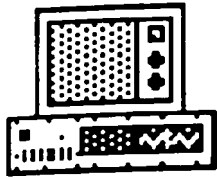
| <u>Mail Code</u> | <u>Office</u>   |
|------------------|---|
| PM-221           | Office of Policy Analysis<br>Environmental Resource Economics Division<br>Atmospheric and Economic Analysis Division            |
| PM-222           | Office of Management Systems and Evaluation<br>Management Systems Division<br>Program Evaluation Division                       |
| PM-222A          | Management Systems Division   |
| PM-223           | Office of Standards and Regulations<br>Chemicals and Statistical Policy Division<br>Information and Regulatory Systems Division |
| PM-224           | Office of Human Resources Management (and PM-212)<br>Executive Resources and Special Programs Division                          |
| PM-225           | Office of the Comptroller<br>Resource Management Division<br>Budget Division  |
| PM-226           | Financial Management Division   |
| PM-226F          | Financial Management Division   |
| PM-273           | Environmental Health and Safety Division  |
| RD-672           | Assistant Administrator for Research and Development  |
| RD-674           | Office of Research Program Management   |
| RD-675           | Office of Exploratory Research  |
| RD-680           | Office of Modeling, Monitoring Systems and Quality Assurance  |
| RD-681           | Office of Environmental Engineering and Technology<br>Demonstration   |
| RD-682           | Office of Environmental Processes and Effects Research  |
| RD-683           | Office of Health Research   |
| RD-689           | Office of Health and Environmental Assessment   |
| TS-778           | Existing Chemical Assessment Division   |
| TS-779           | Economics and Technology Division   |
| TS-788           | Assistant Administrator for Pesticides and Toxic Substances<br>Office of Program Management Operations                          |
| TS-788A          | Office of Program Management Operations   |
| TS-788B          | Federal Register Staff  |
| TS-790           | Information Management Division   |
| TS-792           | Office of Toxic Substances  |
| TS-792A          | Office of Program Management and Evaluation   |
| TS-793           | Information Management Division   |
| TS-794           | Chemical Control Division   |



## General Reference

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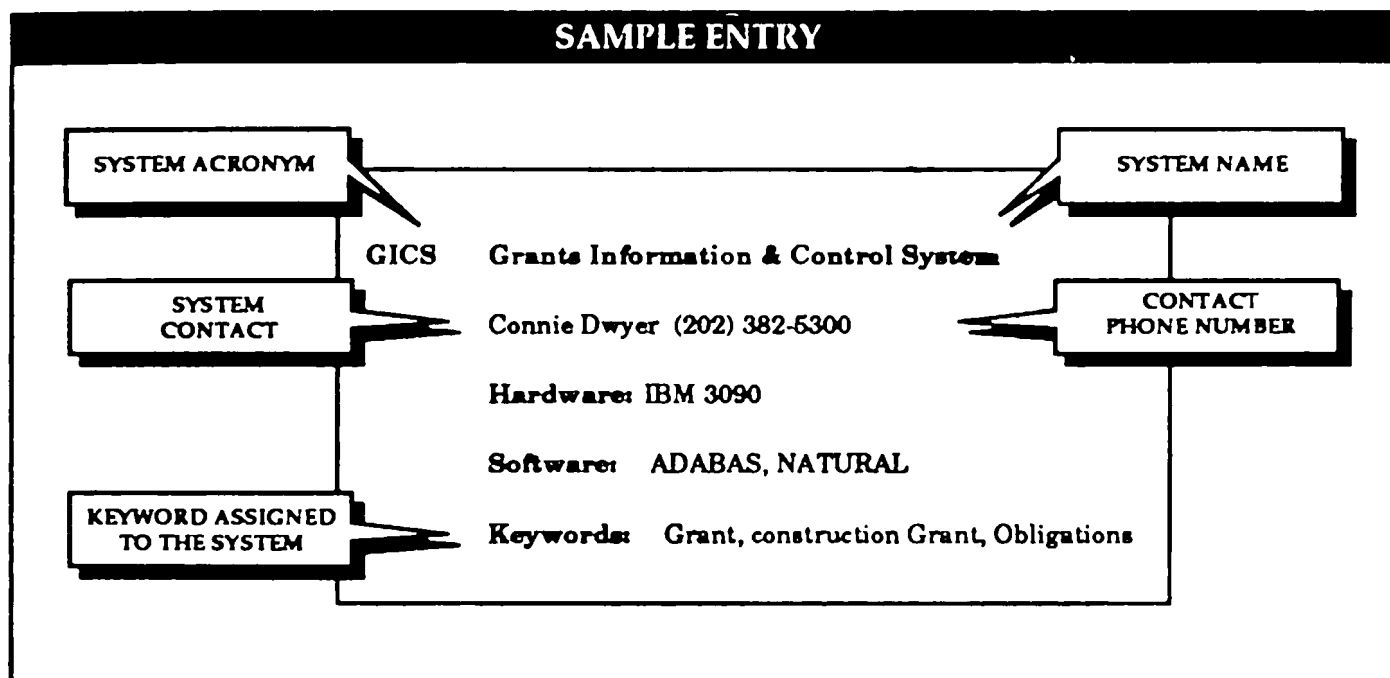
| <u>Mail Code</u> | <u>Office</u>   |
|------------------|---|
| TS-796           | Health and Environmental Review Division                        |
| TS-798           | Exposure Evaluation Division                                    |
| TS-799           | TSCA Assistance Office  |
|                  | Environmental Assistance Division                               |
| WH-546           | Office of Municipal Pollution Control                           |
|                  | Planning and Analysis Division                                  |
| WH-547           | Municipal Construction Division                                 |
| WH-550A          | Office of Drinking Water  |
| WH-550B          | Program Development and Evaluation Division                     |
| WH-550D          | Criteria and Standards Division                                 |
| WH-550E          | State Programs Division   |
| WH-550G          | Office of Ground Water Protection                               |
| WH-551           | Office of Water Regulations and Standards                       |
| WH-552           | Industrial Technology Division                                  |
| WH-553           | Assessment and Watershed Protection Division                    |
| WH-556           | Assistant Administrator for Water                               |
|                  | Water Policy Office   |
|                  | Resources Management and Administration Office                  |
| WH-556F          | Office of Marine and Estuarine Protection                       |
|                  | Marine Operations Division                                      |
|                  | Technical Support Division                                      |
| WH-585           | Criteria and Standards Division                                 |
| WH-586           | Analysis and Evaluation Division                                |
| WH-595           | Municipal Facilities Division                                   |
| WIC              | Washington Information Center and Information Centers<br>Branch |



## Section B

# EPA Information Systems

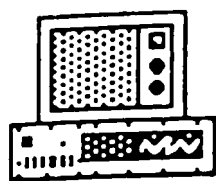
This section presents basic information on over 600 EPA data bases and models. The information in this section is taken directly from the annual inventory of the Agency's information systems known as the Information Systems Inventory (ISI). The inventory is compiled by EPA's Office of Information Resources Management. This section lists the system name, system acronym if any, contact, telephone number, hardware, software, descriptive keywords as listed in the May 1989 edition of ISI.



This section is organized in the following way. Regional systems are listed first, followed by the Headquarters systems, arranged by program office. Within each of these categories, the systems are listed alphabetically by system name. Immediately following the system descriptions are two helpful indices. The first lists all of the EPA systems alphabetically by title with their corresponding page number. The second index is organized alphabetically by system acronym. Although, this publication does not contain a specific subject grouping of the EPA information systems, the arrangement of the systems by Headquarters program offices will serve as a general subject indicator.

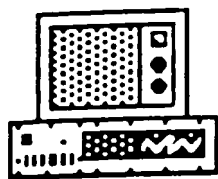
For more information on a particular system, contact the individual as listed. Alternatively, you may check the Information Systems Inventory (ISI) which contains a more detailed description of the systems. If you are aware of an Agency system, data base or model which should be added to ISI, or if you have any questions about ISI please contact:

Gordon Schisler  
Office of Information Resources Management  
U.S. EPA  
(FTS) 475-9344  
(202) 475-9344  
E-mail: G.Schisler



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# **EPA Information Systems**

## *Region 1 Boston*

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|             |   |
|-------------|---|
| <b>AGIS</b> | <b>Air Grants Information System</b><br>Steve Perkins, (617) 565-3221<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Focus<br><b>Keywords:</b> Compliance |
|-------------|---|

---

|               |  |
|---------------|--|
| <b>TAMPER</b> | <b>Anti-tampering and Fuel-switching Information System</b><br>Peter Hagerty, (617) 565-3024<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Compliance; Non-Point Source |
|---------------|--|

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|                       |   |
|-----------------------|---|
| <b>DEMO/RE<br/>NO</b> | <b>Asbestos Demolition/Renovation Notification Tracking</b><br>Damien Houlihan, (617) 565-3265<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Compliance, Storage, Treatment/Disposal,<br>Asbestos |
|-----------------------|---|

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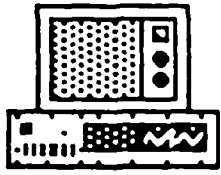
|                |   |
|----------------|---|
| <b>MBE/WBE</b> | <b>Certification Questionnaire-Minority/Women Business</b><br>Michael Richardi, (617) 223-5885<br><b>Hardware:</b> Dec 11/70, IBM 3090<br><b>Software:</b> Fortran, Cobol, IRS, PL/1<br><b>Keywords:</b> Administrative; Mailing List |
|----------------|---|

---

|             |   |
|-------------|---|
| <b>CLPS</b> | <b>Contract Lab System</b><br>Dennis Gagne, (617) 573-5795<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE<br><b>Keywords:</b> Test/Analysis Method; Physical-Chemical<br>Properties; Site Characteristics |
|-------------|---|

---

|            |   |
|------------|---|
| <b>EIS</b> | <b>Environmental Impact Statements</b><br>Don Cooke, (617) 565-3414<br><b>Hardware:</b> IBM 3090, IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> |
|------------|---|



# **EPA Information Systems**

## ***Region 1 Boston***

---

**EZPLOT**

**EZPLOT**

Steve Belczyk, (617) 223-5885

**Hardware:** Dec 11/70, IBM 3090

**Software:** INFORM, TELLAGRAF

**Keywords:** Administrative; Business Graphics

---

**Lab Data Analysis System**

Dick Siscanaw, (617) 860-4327

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Test/Analysis Method; Physical-Chemical  
Properties; Sediment; Chemical

---

**OILHM**

**Oil and Hazardous Material Information System**

Don Grant, (617) 565-3500

**Hardware:** IBM PC

**Software:** dBASEIII

**Keywords:** Environmental Releases; Monitoring; Compliance

---

**PRTYPOLS**

**Priority Pollutants**

Thomas Spittler, (617) 860-4300

**Hardware:**

**Software:**

**Keywords:** Sediment; Surface Water

---

**PRS**

**Procurement Tracking System**

Marilyn Francer, (617) 223-5741

**Hardware:** Dec 11/70

**Software:** Fortran, INFORM

**Keywords:**

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**DOCUTRA  
K**

**RCRA DOCUTRAK**

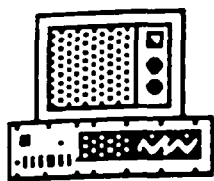
Peg Nelson, (617) 565-3300

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Storage, Transportation, Treatment/Disposal

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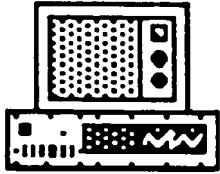


# **EPA Information Systems**

## ***Region 1 Boston***

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|               |  |
|---------------|--|
| <b>MASBAL</b> | <b>RCRA Mass Balance System</b><br>Linda Murphy, (617) 223-1934<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Production Volume; Treatment/Disposal  |
| <hr/>         |  |
| <b>AQM1</b>   | <b>Region 1 Air Quality Models</b><br>Susan Kulstead, (617) 565-3225<br><b>Hardware:</b> IBM 3090, IBM PC, IBM Logical Mainframe/Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Point Source; Non-Point Source; Ambient Air Quality Models |
| <hr/>         |  |
| <b>DCL1</b>   | <b>Region 1 Library Document Control System</b><br>Michael Richardi, (617) 223-5885<br><b>Hardware:</b> IBM Logical Mainframe/Other, Other<br><b>Software:</b> FORTRAN, PL/1<br><b>Keywords:</b> Administrative; Library                                 |
| <hr/>         |  |
| <b>SORTST</b> | <b>Region 1 Source Test File</b><br>Edward Conky, (617) 861-6700<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Releases; Compliance, Emissions   |
| <hr/>         |  |
| <b>RTS</b>    | <b>Regulation Tracking System</b><br>Carol Wood, (617) 223-4958<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Compliance; Monitoring, Regulations; Rule Making  |
| <hr/>         |  |
| <b>SF-52</b>  | <b>SF-52 Personnel Management Tracking System</b><br>Marilyn Francer, (617) 223-5885<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Administrative; Personnel Management   |



# **EPA Information Systems**

## ***Region 1 Boston***

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**SIPS**      **State Implementation Planning Track System**  
Marcia Spink, (617) 565-3254  
**Hardware:** IBM PC  
**Software:** dBase III  
**Keywords:** Compliance

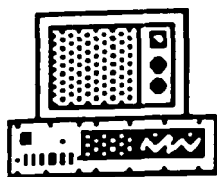
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**SLS**      **Superfund Label System**  
Wendy Nye, (617) 565-3384  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Focus  
**Keywords:** Administrative; Mailing Labels

---

**TRAVEL**      **Travel Budget Tracking System**  
Ed Woo, (617) 567-3377  
**Hardware:** IBM PC  
**Software:** dBase III  
**Keywords:**





# **EPA Information Systems**

## ***Region 2 New York***

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**IMIS**

**AEERL-RTP Management Information System**

**Carl T. Ripberger, (919) 541-2924**

**Hardware:** IBM PC

**Software:** DBMS, dBASE III

**Keywords:** Ord Program Management Systems

---

**ALDICARB Data Base**

**R. Messina, (212) 264-9850**

**Hardware:**

**Software:**

**Keywords:** Drinking Water

---

**Arthur Kill**

**Roland B.; Nossa Hemmett, (201) 321-6687**

**Hardware:** IBM Logical Mainframe/Other

**Software:** STORET

**Keywords:** Sediment; Surface Water, Total Coliform; Fecal Coliform; Dissolved Oxygen; Water Column

---

**Carbon Monoxide Special Study**

**Ray Werner, (212) 264-2517**

**Hardware:**

**Software:**

**Keywords:** Carbon Monoxide; Naaqs; Mobile Source Emissions

---

**CPRS**

**Coastal Profile Reporting System**

**Robert Eckman, (212) 264-1455**

**Hardware:** IBM 3090

**Software:** Fortran, SAS, Dialog Manager

**Keywords:** Geographic Coordinates, Graphics, Storet Networks

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**Condado Lagoon-San Juan, Puerto Rico**

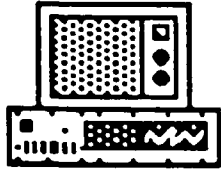
**Roland Hemmett, (201) 321-6687**

**Hardware:** IBM Logical Mainframe/Other

**Software:** STORET, MIDS

**Keywords:** Surface Water, Lagoon

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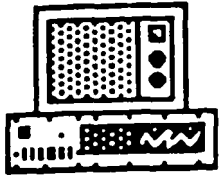
# **EPA Information Systems**

## ***Region 2 New York***

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|               |   |
|---------------|---|
| <b>LOGGER</b> | <b>Data Logger Interface</b><br>Robert Eckman, (212) 264-7455<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> Basic, C<br><b>Keywords:</b> Sardad; Campbell Interface; C-20; Pc201,<br>Environmental Effects                                     |
| <hr/>         |   |
| <b>EDSS</b>   | <b>Effluent Data Statistics System</b><br>Steve Rubin, (212) 264-4751<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran, Cobol, SAS, TSO<br><b>Keywords:</b> Environmental Releases, Surface Water,<br>Biological, Chemical, Compliance, Discharge |
| <hr/>         |   |
| <b>ES001</b>  | <b>Estuarine Water Quality Model</b><br>Abraham Siegel, (212) 264-9850<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran IV<br><b>Keywords:</b> Model, Surface Water; Environmental<br>Engineering; Water Quality Models                           |
| <hr/>         |   |
| <b>ECC</b>    | <b>Executive Correspondence Control Tracking System</b><br>Marian Olsen, (212) 264-5682<br><b>Hardware:</b> IBM PC, Prime<br><b>Software:</b> HENCO PC-INFO, PRIME-INFO<br><b>Keywords:</b>   |
| <hr/>         |   |
|               | <b>Humacao Ambient Data Base</b><br>Roland Hemmett, (210) 321-6687<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> STORET, MIDS<br><b>Keywords:</b> Sediment; Point Source; Surface Water, Creek<br>Water Column; Effluents           |
| <hr/>         |   |
|               | <b>Manasquan River</b><br>Roland Hemmett, (201) 321-6687<br><b>Hardware:</b><br><b>Software:</b> STORET<br><b>Keywords:</b> Sediment, Surface Water; Fish Tissue  |

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# **EPA Information Systems**

## ***Region 2 New York***

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**MGR**      **Monthly Program Grants Reporting System**  
Marian Olsen, (212) 264-5682  
**Hardware:** IBM PC, Prime  
**Software:** PC-INFO (HENCO) and 2020 (Access Technology)  
**Keywords:**

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**PTSB-2**      **Multistatute Chemical Database**  
Winston Lue, (201) 906-6928  
**Hardware:** IBM PC, IBM Logical Mainframe/Other  
**Software:** Currently dBase; to be Focus on LMF  
**Keywords:** Environmental Effects, Health Effects,  
Physical-Chemical Properties, Teat/Analysis

---

**New York Bight Ocean Monitoring Program**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Surface Water; Bight Apex; Water Column

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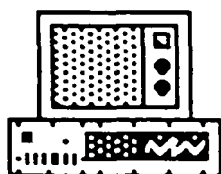
**Neward Bay**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Surface Water; Estuarine

---

**Niagara Frontier-Lake Erie**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET  
**Keywords:** Sediment, Volatile Solids

---

**Northeast Acid Rain Survey**  
Roland Hemmett, (201) 321-6687  
**Hardware:**  
**Software:**  
**Keywords:** Surface Water; Lakes; Acid Rain



# **EPA Information Systems**

## *Region 2 New York*

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**NIMS**      **NPDES (National Pollutant Discharge Elimination System)**  
Steve Rubin, (212) 264-4751  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Focus  
**Keywords:** Surface Water, Compliance, Discharge Points,  
Monitoring, Point Source

---

**PLUME**      **Outfall PLUME Model**  
Abraham Siegel, (212) 264-9850  
**Hardware:** IBM 3090  
**Software:** Fortran IV  
**Keywords:** Model, Surface Water; Outfall

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**Passaic River**  
Roland Hemmett, (201) 321-6687  
**Hardware:**  
**Software:** STORET  
**Keywords:** Sediment, Surface Water; Fish Tissue

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**PCBs in Lower Hudson River Sediments**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Sediment, Polychlorinated Biphenyls

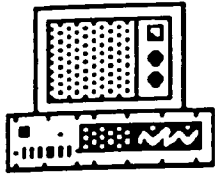
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**Puerto Rico Reservoirs**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Sediment, Surface Water; Reservoirs

---

**Puerto Rico Beaches-San Juan**  
Roland Hemmett, (201) 321-6687  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Surface Water; Ocean

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# **EPA Information Systems**

## ***Region 2 New York***

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|              |  |
|--------------|--|
| <b>QTRAK</b> | <b>Quality Assurance Tracking System</b><br>John Higgins, (201) 321-6680<br><b>Hardware:</b> IBM PC, IBM Logical Mainframe/Other<br><b>Software:</b> dBase III<br><b>Keywords:</b> Groundwater, Sediment, Soil, Surface Water,<br>Biological, Chemical Monitoring, Non-Point |
|--------------|--|

---

|             |   |
|-------------|---|
| <b>MAPS</b> | <b>Region 2 Environmental Map Catalog System</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Multi-Media-Mapping; Inventory Tracking |
|-------------|---|

---

|              |  |
|--------------|--|
| <b>R2FMS</b> | <b>Region 2 File Management System</b><br>Steven H. Rubin, (212) 264-4751<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Clipper<br><b>Keywords:</b> Office Automation |
|--------------|--|

---

|             |   |
|-------------|---|
| <b>MPS2</b> | <b>Region 2 Merit Pay System</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Cobol<br><b>Keywords:</b> Personnel; Merit Pay |
|-------------|---|

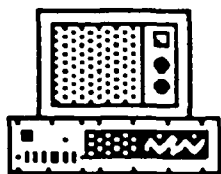
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|             |  |
|-------------|--|
| <b>AQM2</b> | <b>Region 2 Puerto Rico EQB Air Quality Model</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Ambient Air Quality Models |
|-------------|--|

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|             |   |
|-------------|---|
| <b>HWD2</b> | <b>Region 2 RCRA Facilities Hazard Rating Model</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Facility Hazard Rating |
|-------------|---|

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# **EPA Information Systems**

## ***Region 2 New York***

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|            |  |
|------------|--|
| <b>SLS</b> | <b>Region 2 Superfund Litigation System</b><br>John Baglivi, (212) 264-4145<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Chemical; Potential Responsible Party,<br>Generator, Document Number |
|------------|--|

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|             |   |
|-------------|---|
| <b>UICS</b> | <b>Region 2 Underground Injection Control System</b><br>John Baglivi, (212) 264-4145<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Environmental Releases, Ground Water, Soil,<br>Chemical, Compliance, Drinking Water, Injection |
|-------------|---|

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|             |  |
|-------------|--|
| <b>WSVS</b> | <b>Region 2 Water Supply Violation Assessment Graphics</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Teleplan<br><b>Keywords:</b> Compliance, Graphics; Evaluation Reports |
|-------------|--|

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|             |   |
|-------------|---|
| <b>WATQ</b> | <b>Region 2 Water Quality Analysis Graphics System</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water |
|-------------|---|

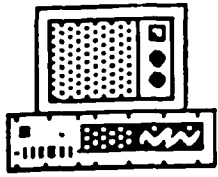
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|              |  |
|--------------|--|
| <b>HAR03</b> | <b>Region 2 Water Quality Models</b><br>George Nossa, (212) 264-9850<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Water Quality |
|--------------|--|

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|             |   |
|-------------|---|
| <b>EZP2</b> | <b>Region 2, EZPLOT-User Operated Business Graphics</b><br>Robert Messina, (212) 264-9850<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Graphics |
|-------------|---|

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# **EPA Information Systems**

## ***Region 2 New York***

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**LDMS**

**Region 2, Lab Data Management System**  
**Robert Messina, (212) 264-9850**  
**Hardware:** Other  
**Software:** Fortran  
**Keywords:** Tracking; Lab Sample Analyses

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**State 208 Agencies Data**  
**Robert Messina, (212) 264-9850**  
**Hardware:** IBM 3090  
**Software:** STORET  
**Keywords:** Surface Water; Estuarine; Water Quality Analysis

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**TRACKER**

**TRACKER.PRG**  
**Raymond Werner, (212) 264-2517**  
**Hardware:** IBM PC  
**Software:** dBase III+  
**Keywords:**

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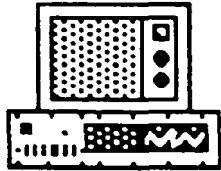
**U.S. Virgin Islands-St. Thomas, St. Croix**  
**Roland Hemmett, (201) 321-6687**  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** STORET, MIDS  
**Keywords:** Sediment, Surface Water; Ocean

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**Upper Hudson River PCB's**  
**Authur Bomburger, (412) 788-1080**  
**Hardware:**  
**Software:**  
**Keywords:** Sediment, Core Samples; Polychlorinated Biphenyls

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**Waste Oils**  
**J. Menczel, (212) 264-6680**  
**Hardware:**  
**Software:**  
**Keywords:** Waste Oils



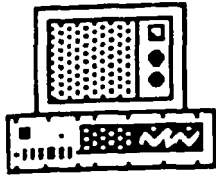
# **EPA Information Systems**

## ***Region 3 Philadelphia***

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|                |  |
|----------------|--|
| <b>ASTS</b>    | <b>Asbestos in Schools Tracking System</b><br>Carol Febbo, (215) 597-9325<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Compliance  |
| <hr/>          |  |
| <b>APAS</b>    | <b>Automated Personnel Action System</b><br>Michael Kulik, (215) 597-8925<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> DBMS Focus<br><b>Keywords:</b> Sf52, Personnel Tracking                                |
| <hr/>          |  |
| <b>PRTRACK</b> | <b>Automated Procurement Tracking System</b><br>John Krakoviak, (215) 597-1180<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Procurement Request, Budget                             |
| <hr/>          |  |
| <b>BAS</b>     | <b>Branch Accounting System</b><br>Robert E. Braster, (215) 597-4831<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> DBMS Focus<br><b>Keywords:</b> Project/Staff Time Tracking Systems; Time Accounting Systems |
| <hr/>          |  |
| <b>CMS</b>     | <b>Case Management System</b><br>Larry Miller, (215) 597-8598<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Monitoring  |
| <hr/>          |  |
| <b>CONF</b>    | <b>Conference Room Scheduling System</b><br>Michael Lee, (215) 597-9860<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Conference Rooms, Scheduling                                   |





# EPA Information Systems

## *Region 3 Philadelphia*

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|     |  |
|-----|--|
| CTS | <b>Correspondence Tracking System</b><br>James Wright, (215) 597-8118<br>Hardware: Prime<br>Software: INFO<br>Keywords: Correspondence |
|-----|--|

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|     |   |
|-----|---|
| COS | <b>Cost Accounting System</b><br>Steve Jarvela, (215) 597-7915<br>Hardware: IBM PC<br>Software: dBASE III<br>Keywords: Economic |
|-----|---|

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|               |   |
|---------------|---|
| ENG-AUDI<br>T | <b>GICS Engineer Audit Tracking System</b><br>Francis Burns, (215) 597-4142<br>Hardware: IBM PC<br>Software: dBASE III<br>Keywords: Monitoring, Grants Information; Audit;<br>Construction Grants Program |
|---------------|---|

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|         |  |
|---------|--|
| IMPREST | <b>IMPREST System</b><br>Cindy Malampy, (215) 597-6175<br>Hardware: IBM Logical Mainframe/Other<br>Software: Fortran, ISPF Panels<br>Keywords: Economic; Monitoring; Imprest |
|---------|--|

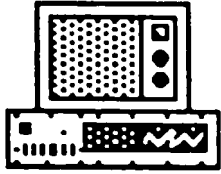
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|      |  |
|------|--|
| JATS | <b>Job Application Tracking System</b><br>Helene Billaneuva, (215) 597-8921<br>Hardware: Prime<br>Software: DBMS Info<br>Keywords: Job; Position; Applications; Applicants; Referral |
|------|--|

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|      |  |
|------|--|
| BUTS | <b>Region 3 Budget Tracking System</b><br>Wendy Bartel, (215) 597-3532<br>Hardware: IBM Logical Mainframe/Other<br>Software: DBMS Focus<br>Keywords: Procurement; Budget |
|------|--|

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# **EPA Information Systems**

## ***Region 3 Philadelphia***

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**LABELS**      **Region 3 Mail Labels System**  
Mark N. Goldstein, (215) 597-3530  
**Hardware:** IBM 3090, Dec 11/70  
**Software:** Cobol, IRS on 3090; Fortran on 1170  
**Keywords:** Administrative; Mailing List

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**PHONEBOOK**      **Region 3 Telephone Directory**  
Marya Ranieri, (215) 597-9860  
**Hardware:** Prime  
**Software:** INFO DBMS, INFO lang  
**Keywords:** Locator; Phonebook

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**CALENDAR**      **Regional Administrator's Calendar System**  
**R**      Michael Lee, (215) 597-9860  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Focus  
**Keywords:** Calendar, Scheduling

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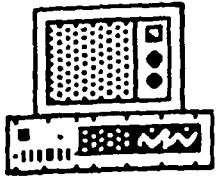
**SITS**      **Site Investigation Tracking System**  
Cornelius F. Carr, (215) 597-4966  
**Hardware:** IBM PC  
**Software:** dBase III  
**Keywords:**

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**SIP**      **State Implementation Plans System**  
Glenn Hanson, (215) 597-8486  
**Hardware:** Prime  
**Software:** INFO  
**Keywords:** Treatment/Disposal

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**TRAINS**      **Training Tracking System**  
Wendy Bartel, (215) 597-3532  
**Hardware:** IBM PC  
**Software:** dBase III  
**Keywords:** Training, Budget, Tracking



# EPA Information Systems

## *Region 3 Philadelphia*

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### TRAVELS

#### Travel Tracking System

Wendy Bartel, (215) 597-3532

Hardware: IBM PC

Software: dBase III+

Keywords: Travel, Budget, Tracking

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### UICTS

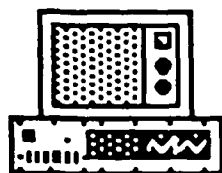
#### Underground Injection Control (UIC) Tracking System

Mark N. Goldstein, (215) 597-3604

Hardware: IBM Logical Mainframe/Other

Software: Focus

Keywords: Ground Water; Compliance; Physical; Drinking  
Water; Monitoring; Site Characteristics;

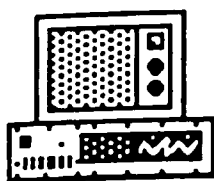


# **EPA Information Systems**

## ***Region 4 Atlanta***

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|                |  |
|----------------|--|
| <b>BIOSTU</b>  | <b>Bioassay Studies</b><br>W.H. Peltier, (404)<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b><br><b>Keywords:</b> Sediment; Point Source; Surface Water   |
| <hr/>          |  |
| <b>FPTS</b>    | <b>Facilities Project Tracking System</b><br>Barbara Boone, (404) 347-3544<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III+<br><b>Keywords:</b>   |
| <hr/>          |  |
| <b>CASETRK</b> | <b>FIFRA and TSCA Case Tracking System</b><br>Cansandra Harris, (404) 347-2335<br><b>Hardware:</b> IBM PC, IBM 3090<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Physical-Chemical Properties; Chemical;<br>Chemical Use, Docket                    |
| <hr/>          |  |
| <b>FOITS</b>   | <b>Freedom of Information (Requests) Tracking System</b><br>Alex Smith, (404) 347-3004<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b>   |
| <hr/>          |  |
| <b>GADOSAG</b> | <b>Georgia DOSAG</b><br>James Greenfield, (404) 347-2126<br><b>Hardware:</b> Other<br><b>Software:</b> Basic<br><b>Keywords:</b> Model   |
| <hr/>          |  |
| <b>LUCIFER</b> | <b>Listing of Organic Compounds Identified in Region 4</b><br>E.W. Loy, (404) 546-3165<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Drinking Water; Ground Water; Environmental<br>Releases; Monitoring; Surface Water, Organic |



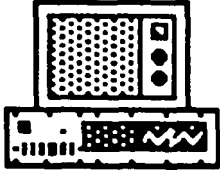
# EPA Information Systems

## *Region 4 Atlanta*

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|              |  |
|--------------|--|
| METL         | <b>Metals Data Base</b><br>Vince Miller, (404) 347-3633<br><b>Hardware:</b> IBM 3090, Other<br><b>Software:</b> STORET, MIDS<br><b>Keywords:</b> Treatment/Disposal, Heavy Metals  |
| PARACDS      | <b>Missing Parameter Codes</b><br>Margaret Hale, (912)<br><b>Hardware:</b> Other<br><b>Software:</b> INFORM II<br><b>Keywords:</b> Point Source; Ground Water; Sediment; Soil;<br>Biological   |
| MPTS         | <b>Missing Property Tracking System</b><br>Barbara Boone, (404) 347-3544<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III+<br><b>Keywords:</b>   |
| MODHIW<br>AY | <b>Modified Hiway Program</b><br>Lewis H. Nagler, (404) 881-7654<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Fortran<br><b>Keywords:</b> Compliance; Model; Test/Analysis Method;<br>Processing; Monitoring; Point Source |
| MVTS         | <b>Motor Vehicle Tracking System</b><br>Barbara Boone, (404) 347-3544<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III+<br><b>Keywords:</b>  |
| CRSTER 2     | <b>Multi-source CRSTER</b><br>Lewis H. Nagler, (404) 881-7654<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Fortran<br><b>Keywords:</b> Compliance; Model; Test/Analysis Method;<br>Processing; Monitoring; Drinking Water  |

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# **EPA Information Systems**

## ***Region 4 Atlanta***

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|             |   |
|-------------|---|
| <b>NASN</b> | <b>National Air Surveillance Network</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Compliance; Model; Test/Analysis Method;<br>Processing; Monitoring; Point Source |
|-------------|---|

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|             |  |
|-------------|--|
| <b>PRTS</b> | <b>Purchase Request Tracking System</b><br>William McBride, (404) 347-7292<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> |
|-------------|--|

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|               |   |
|---------------|---|
| <b>3/4CTS</b> | <b>Region 3/4 Correspondence Tracking System</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> |
|---------------|---|

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|             |   |
|-------------|---|
| <b>GAUD</b> | <b>Region 4 Grants Audit System</b><br>Virginia Jones, (404) 347-3107<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Grants; Audit |
|-------------|---|

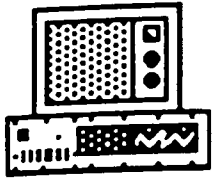
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|             |   |
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| <b>GRPH</b> | <b>Region 4 Graphics System</b><br>Richard Shekell, (404) 881-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Graphics |
|-------------|---|

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|             |  |
|-------------|--|
| <b>RLAB</b> | <b>Region 4 Labels System</b><br>Andrea Lamb, (404) 347-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Mailing Label |
|-------------|--|

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# **EPA Information Systems**

## ***Region 4 Atlanta***

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**DOC**

**Region 4 Library Tracking System**  
Priscilla Pride, (404) 881-2316  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Library

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**METL**

**Region 4 Metals System**  
Ron Barrow, (404) 546-3117  
**Hardware:** Other  
**Software:** INFORM  
**Keywords:** Test/Analysis Method; Chemical, Toxic

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**MBEP**

**Region 4 Minority Business Tracking**  
Stan Manus, (404) 881-2316  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Minority Business

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**O&M**

**Region 4 O&M Municipal Inventory**  
Jim Greenfield, (404) 347-2126  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:** Treatment/Disposal, Municipal

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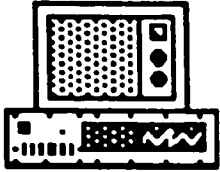
**PMS**

**Region 4 Position Management System**  
Stan Manus, (404) 881-2316  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Personnel Systems

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**PSDL**

**Region 4 PSD Log System**  
Diana Smith, (404) 881-2316  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:** Compliance; Model; Test/Analysis Method;  
Processing; Monitoring; Point Source



# **EPA Information Systems**

## ***Region 4 Atlanta***

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|------------|--|
| <b>ETS</b> | <b>Region 4 Ref and Administrative Orders Tracking</b><br>Donna Jurofsky, (404) 347-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Administrative; Management Systems |
|------------|--|

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|               |  |
|---------------|--|
| <b>STATUS</b> | <b>Region 4 Status of GSA Orders</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> IAS/TED<br><b>Keywords:</b> Procurement; Contracts |
|---------------|--|

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|             |   |
|-------------|---|
| <b>WQM4</b> | <b>Region 4 Water Quality Modeling</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> IBM Logical Mainframe/Other, Sperry 1100/82<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Ambient Water Quality Models |
|-------------|---|

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|             |   |
|-------------|---|
| <b>CIVP</b> | <b>Region 4, Civil Penalties System</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Civil Penalty System |
|-------------|---|

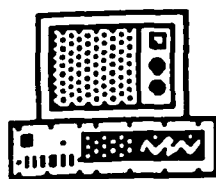
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|             |  |
|-------------|--|
| <b>ASTS</b> | <b>Region IV Applicant Supply System</b><br>Josephine Brown, (404) 347-3486<br><b>Hardware:</b> IBM PC<br><b>Software:</b> d BASE III+<br><b>Keywords:</b> |
|-------------|--|

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|             |  |
|-------------|--|
| <b>RAMS</b> | <b>Results Analysis and Management System</b><br>George Collins, (404) 347-3402<br><b>Hardware:</b> IBM 3090, IBM PC, Prime<br><b>Software:</b> ARC-INFO, FORTRAN, IHS<br><b>Keywords:</b> |
|-------------|--|





# **EPA Information Systems**

## ***Region 4 Atlanta***

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|              |  |
|--------------|--|
| <b>SAAMS</b> | <b>Sample Analyses and Management System, Region 4</b><br>Tom B. Bennett, (404) 546-3112<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Soil; Sediment; Chemical; Population,<br>Nonhuman; Ground Water; Surface Water, |
|--------------|--|

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|               |  |
|---------------|--|
| <b>SF52TS</b> | <b>Standard Form 52 Tracking System</b><br>Josephine Brown, (404) 347-3486<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> |
|---------------|--|

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|               |  |
|---------------|--|
| <b>SUPTRK</b> | <b>Superfund Site Tracking Information System</b><br>, (404)<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Chemical; Economic; Site Characteristics;<br>Transportation; Treatment/Disposal; Storage |
|---------------|--|

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|             |   |
|-------------|---|
| <b>TRAV</b> | <b>Travel System</b><br>Jessie Dooley, (404) 347-2316<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Travel Systems |
|-------------|---|

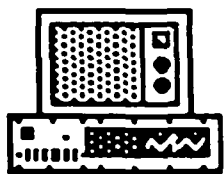
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|               |  |
|---------------|--|
| <b>TRIANA</b> | <b>Triana Medical Claims Information System</b><br>Donald Guinyard, (404) 347-3454<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Economic; Physical |
|---------------|--|

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|  |  |
|--|--|
|  | <b>Water System Analysis, Water Quality Modeling</b><br>Randall Davis, (404) 347-2316<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Surface Water, Water Quality;<br>Simulation; Planning |
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# **EPA Information Systems**

## ***Region 4 Atlanta***

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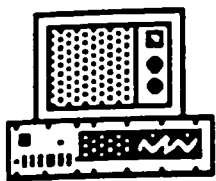
**Whatley Standard**

**Charles Sweatt, (404) 546-3351**

**Hardware: Dec 11/70**

**Software: INFORM II**

**Keywords: Compliance; Treatment/Disposal; Site  
Characteristics; Physical-Chemical Properties**



# **EPA Information Systems**

## ***Region 5 Chicago***

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**APPLSUPP**    **Applicant Supply System**  
Bernice Epsy, (312) 353-2026  
**Hardware:** IBM PC  
**Software:** dBase III +  
**Keywords:** Skilled Areas, Social Security Number, Series

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**REGIONAL**    **Correspondence of the Regional Administrator**  
**L**    Louise Smith, (312) 353-1080  
**Hardware:** Prime  
**Software:** INFO Language  
**Keywords:** Control Key, Status

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**COSTREQ**    **Cost Documentation Tracking System - or - Cost Recovery**  
**UST**    Richard Hackley, (312) 353-8838  
**Hardware:** Prime  
**Software:** INFO Language  
**Keywords:** Monitoring, Financial Management, Superfund  
Program Managers, Superfund Attorneys

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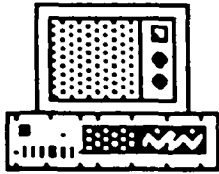
**DCR REG5**    **Document Control**  
James Hooper, (312) 353-7561  
**Hardware:** Prime, IBM 3090  
**Software:** INFO  
**Keywords:**

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**Mailing Labels**  
Alice Davis, 312-353-1770  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:**

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**PDP 11/70 General Development**  
Alice L Davis, 312-353-1770  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:**



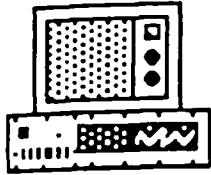
# EPA Information Systems

## *Region 5 Chicago*

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|                |   |
|----------------|---|
| WRS            | <b>Reg5 ADP Workload Reporting System</b><br>Jon Abraytis, 313-353-1828<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Project/Staff Time Tracking Systems  |
| VGRF           | <b>Reg5 Graphics</b><br>Ross Stuart,<br><b>Hardware:</b><br><b>Software:</b> FORTRAN<br><b>Keywords:</b> Graphics   |
| SQAO           | <b>Reg5 Toxics Monitoring System</b><br>,<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> General Laboratory Data Management   |
| RATS           | <b>Region V Audit Tracking System</b><br>Ginger LeBeau, (312) 353-8921<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b>  |
| ROSTER         | <b>Roster Tracking System</b><br>Richard Hackley, (312) 353-8838<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b> Monitoring, Employee Ssn, Fixed Account Number   |
| COSTSUM<br>MRY | <b>Site Cost Summary System</b><br>Richard Hackley, (312) 353-8838<br><b>Hardware:</b> Prime, Other<br><b>Software:</b> INFO Language, LOTUS 1-2-3 Worksheet<br><b>Keywords:</b> Monitoring, Site Characteristics, Travel Costs,<br>Contractual Costs, Hourly Rates |

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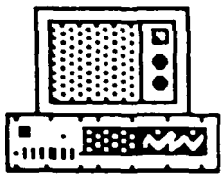


# EPA Information Systems

## *Region 5 Chicago*

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|               |   |
|---------------|---|
| SF-52         | <b>Standard Forms Automated Personnel Action System</b><br>Martha Armstrong, (312) 353-2026<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Employee Name, Class, Grade                  |
| <hr/>         |   |
| STANDAR<br>DS | <b>Standards and Appraisal Tracking System</b><br>Daphne Lawrence, (312) 886-7529<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b> Performance Standards, Performance Appraisals |
| <hr/>         |   |
| PHONE         | <b>Telephone Directory for Region V</b><br>Cheryl Batton, (312) 353-8911<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b> Personnel  |



# **EPA Information Systems**

## *Region 7 Kansas City*

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|             |  |
|-------------|--|
| <b>CEMS</b> | <b>Continuous Emissions Monitoring Subset</b><br>Jon Knodel, (913) 236-2897<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL<br><b>Keywords:</b> Compliance; Discharge Points; Chemical;<br>Environmental Releases; Monitoring |
|-------------|--|

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|  |   |
|--|---|
|  | <b>Eastern Missouri Dioxin Data Base</b><br>Andrea Jirka, (913) 236-3884<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> Dioxin; Lab Management |
|--|---|

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|             |  |
|-------------|--|
| <b>ERSS</b> | <b>Establishment Registration Support System</b><br>Pam Johnson, (913) 236-2835<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> Production; Distribution; Establishments |
|-------------|--|

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|             |   |
|-------------|---|
| <b>LAST</b> | <b>Labor and Sample Tracking</b><br>Maggie Tompkins, (913) 236-3881<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FORTRAN<br><b>Keywords:</b> Test/Analysis Method;<br>Monitoring(environmental); Site Characteristics; |
|-------------|---|

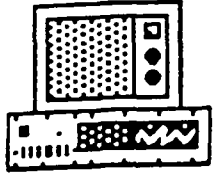
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|                |   |
|----------------|---|
| <b>LABPROP</b> | <b>Laboratory Property Management System</b><br>Janis Feagan, (913) 236-3881<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> Administrative; Lab Property |
|----------------|---|

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|                  |   |
|------------------|---|
| <b>PEST DEAL</b> | <b>Nebraska Pesticide Dealers</b><br>C.E. Poindexter, (913) 236-2838<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> 14 - Compliance, 24 - Chemical Use |
|------------------|---|

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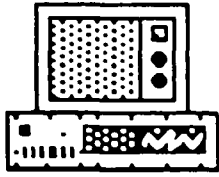


# **EPA Information Systems**

## ***Region 7 Kansas City***

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|                 |   |
|-----------------|---|
| <b>ASBESTOS</b> | <b>Region 7 Asbestos in Schools</b><br>Wolfgang Bradner, (913) 236-2835<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Chemical; Model; Health Effects, Asbestos;<br>Schools                                     |
| <hr/>           |   |
| <b>FIFR</b>     | <b>Region 7 FIFRA Neutral Inspection Selection System</b><br>Bob Jackson, (913) 236-2838<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Fifra; Inspection; Neutral Selection; Random<br>Selection                |
| <hr/>           |   |
| <b>PEST</b>     | <b>Region 7 Nebraska Pesticide Applicator Registration</b><br>C.E. Poindexter, (913) 236-2835<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Compliance, Pesticide Applicators                                   |
| <hr/>           |   |
| <b>WACO</b>     | <b>Region 7 NPDES Water Compliance System</b><br>Patsy Burrell, (913) 236-2817<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> Environmental Releases; Compliance; Monitoring,<br>National Pollutant Discharge Elimination System |
| <hr/>           |   |
| <b>TNSS</b>     | <b>Region 7 TOSCA Neutral Selection</b><br>Bob Jackson, (913) 236-2838<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Tsca; Inspection; Neutral Selection; Random<br>Selection                                   |
| <hr/>           |   |
| <b>EIS7</b>     | <b>Region 7 Wetlands Program</b><br>Bob Barber, (913) 236-2823<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> 404 Program  |



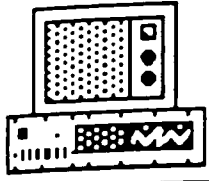
# EPA Information Systems

## *Region 7 Kansas City*

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REAS      Regional Enforcement and Superfund System  
Fran Gentry, (913) 236-2856  
Hardware: IBM Logical Mainframe/Other  
Software: FOCUS  
Keywords: Document; Tracking; Keywords





# EPA Information Systems

## *Region 9 San Francisco*

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|        |   |
|--------|---|
| IMANTS | <b>Air 105 Grants Tracking System</b><br>Janet Kuefler, (415) 974-8924<br><b>Hardware:</b> IBM PC<br><b>Software:</b> DBase III, DBase III+<br><b>Keywords:</b> Air, Grants |
|--------|---|

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|       |   |
|-------|---|
| AMDGS | <b>Air Management Division Goals Spreadsheet</b><br>Chuck Seeley, (415) 974-8053<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Lotus 1-2-3<br><b>Keywords:</b> |
|-------|---|

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|         |  |
|---------|--|
| BIRDS-9 | <b>Biennial Report Database</b><br>Rich Vaille, (415) 974-8119<br><b>Hardware:</b> IBM PC<br><b>Software:</b> PC Focus Version 3.0<br><b>Keywords:</b> |
|---------|--|

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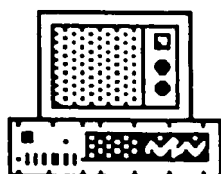
|     |   |
|-----|---|
| CCC | <b>Congressional Correspondence Control System</b><br>Al Zeinsky, (415) 974-0944<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III+<br><b>Keywords:</b> Correspondence Tracking, Congressional |
|-----|---|

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|  |  |
|--|--|
|  | <b>DATASTOR</b><br>Eric Wilson, (415) 974-7259<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Basic<br><b>Keywords:</b> Storet Pc Based Data Entry Screens |
|--|--|

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|          |   |
|----------|---|
| DOCKER-9 | <b>Docker</b><br>Chuck Seeley, (415) 974-8053<br><b>Hardware:</b> IBM PC<br><b>Software:</b><br><b>Keywords:</b> Enforcement, Air, Compliance |
|----------|---|



# **EPA Information Systems**

## *Region 9 San Francisco*

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### **Dredged Material Permit Tracking System**

Patrick Cotter, (415) 974-0257

**Hardware:** IBM PC

**Software:** dBASEIII+, Aston Tate

**Keywords:** Environmental Effects, Physical-Chemical Properties, Test/Analysis Method, Sediment,

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**EMAS**

### **Environmental Management Accounting System**

Marian Lundholm, (415) 974-8065

**Hardware:** IBM PC

**Software:** DBase III

**Keywords:** Compliance, Enforcement

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**EEOSYS**

### **Equal Opportunity Statistics Reporting System**

Don de la Cerna, (415) 974-8025

**Hardware:** IBM 3090, IBM PC

**Software:** FOCUS

**Keywords:** Equal Opportunity

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**FATES**

### **FIFRA and Toxics Enforcement System**

Davis Bernstein, (415) 974-7054

**Hardware:** IBM 3090, IBM PC

**Software:** dBASE III+

**Keywords:** Environmental Effects, Environmental Releases, Health Effects, Test/Analysis Method, Ground

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**GLIDEPAT  
H**

### **FTE GLIDEPATH & STAFFING PLAN**

Laura Yoshii, (415) 974-7460

**Hardware:** IBM PC

**Software:** Lotus 1-2-3

**Keywords:** Fte, Staffing

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### **Health & Safety**

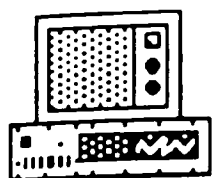
Rick Taft, (415) 974-7422

**Hardware:** IBM PC

**Software:** dBASE III +

**Keywords:** Health/Safety Program, Employees, Medical Monitoring

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# EPA Information Systems

## *Region 9 San Francisco*

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**Information Center Class Registration & Scheduling**  
David Jones, (415) 974-8344  
**Hardware:** IBM PC  
**Software:** dBASE III+  
**Keywords:** Information Center, Registration

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### LABELS

**LABELS**  
David Jones, (415) 974-8344  
**Hardware:** IBM PC  
**Software:** DBASE 3 +  
**Keywords:** Mailing Labels, Mailing List

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### NOTIFS 3

**Notifications Database for Asbestos Notifications**  
Bob Trotter, (415) 974-7637  
**Hardware:** IBM PC  
**Software:** DBase III  
**Keywords:** Environmental Releases, Health Effects,  
Compliance, Geographic Coordinates,

---

**Performance Evaluation Summary Report**  
Tom Huetteman, (415) 974-0923  
**Hardware:** IBM PC  
**Software:** DBase III+, Ashton Tate  
**Keywords:** Test/Analysis; Method; Surface Water;  
Chemical; Compliance; Drinking Water;

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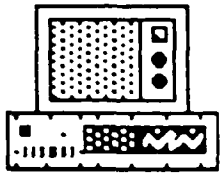
### PCB/FTE

**Personnel Compensation & Benefits and Full Time**  
Nora L. McGee, (415) 974-8024  
**Hardware:** IBM 3090, IBM Logical Mainframe/Other  
**Software:** JCL, Focus, Syncsort, Bulk Data Transfer  
**Keywords:** Employee Compensation, Employee Benefit,  
Salary, Budget, Fte

---

### PWSS

**Personnel Workstation Space System**  
Paul Helliker, (415) 974-8385  
**Hardware:** IBM 3090  
**Software:** Focus, JCL  
**Keywords:** Workstation



# EPA Information Systems

## *Region 9 San Francisco*

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### Pretreatment Management System

Keith Silva, (415) 994-8298

Hardware: 9,

Software: Double Helix II

Keywords: Discharge Points, Point Source,  
Treatment/Disposal

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PTS

### Procurement Tracking System

Libby Norouha, (415) 974-9551

Hardware: IBM 3090, IBM PC

Software: dBASE III+, JCL, FOCUS, DOS

Keywords: Adcr, Fms, Commitment, Obligation,  
Disbursement, Operating Plan, Rmis, Open

---

### PWS Compliance Tracking System

Kathryn A. Stone, (415) 974-8321

Hardware: IBM PC

Software: DBase III+

Keywords: Physical-Chemical Properties; Chemical;  
Compliance; Drinking Water; Population, Human;

---

### QAMS Status Report - Lab Analyses

Tom Huetteman, (415) 974-0923

Hardware: IBM PC

Software: DBase III+

Keywords: Monitoring, Quality Assurance Project Plan -  
Reviews, Includes Lab Data

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RSA  
SYSTEM

### Regional Support Account System

Libby Norouha, (415) 974-9551

Hardware: IBM 3090, IBM PC

Software: dBASE III+, DOS, JCL, FOCUS

Keywords: Adcr, Fms, Commitment, Obligation,  
Disbursement, Operating Plan, Rmis, Open

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SF52

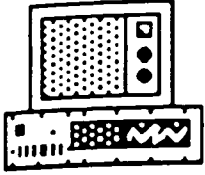
### SF52

John Spafford, (415) 974-8019

Hardware: IBM PC

Software: PC Focus

Keywords: Sf-52, Personnel



# EPA Information Systems

## *Region 9 San Francisco*

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SIPLOG

**SIPLOG SIP Revision Tracking Database**

Scott Bohning, (415) 974-7642

**Hardware:** IBM PC

**Software:** DBase III+

**Keywords:** Non-Point Source, Air Pollution, Rules

---

SFUND

**Superfund Worksheet**

HRS

Mike Schultz, (415) 974-0907

**Hardware:** IBM PC

**Software:** Lotus 1-2-3

**Keywords:** Superfund Worksheet

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**Telephone Directory**

David Jones, (415) 974-8344

**Hardware:** IBM PC

**Software:** PC Focus

**Keywords:** Employee Directories, Directories, Telephone Directories

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TTS

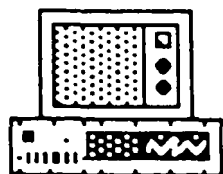
**Travel Tracking System**

Libby Norouha, (415) 974-9551

**Hardware:** IBM 3090, IBM PC

**Software:** dBASE III+, DOS, JCL, FOCUS

**Keywords:** Adcr, Fms, Commitment, Obligation, Disbursement, Opera- Tive Plan, Rms, Open



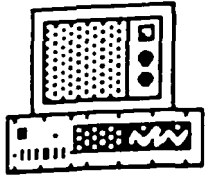
# EPA Information Systems

## *Region 10 Seattle*

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|        |   |
|--------|---|
| PAAS   | <b>Region 10 External Affairs Labels System</b><br>Bob Jacobson, (206) 442-1203<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III<br><b>Keywords:</b> Administrative; Mailing Label; Newsletter  |
| RX75   | <b>Region 10 Laboratory Management System</b><br>Raymond S. Peterson, (206) 442-1682<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, DCL, Assembler<br><b>Keywords:</b> Physical-Chemical Properties; Test/Analysis Method; Soil; Surface Water; Ground Water;                                     |
| LCS    | <b>Region 10 Library Circulation System</b><br>Julie Sears, (206) 442-1259<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Administrative; Library  |
| RMS    | <b>Region 10 Resource Management System</b><br>Pam Mihalevic, (206) 442-2970<br><b>Hardware:</b> Prime<br><b>Software:</b> Info, FORTRAN, Command Procedure Lang.(CPL)<br><b>Keywords:</b> Administrative; Resources; Budget  |
| STORET | <b>Storage and Retrieval Water Quality Data Base - Region 10</b><br>Murray De Bogue, (206) 442-1676<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> CLIST, Dialogue Mgt<br><b>Keywords:</b> Environmental Effects, Health Effects, Ground Water, Sediment, Surface Water, Biological, |

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# **EPA Information Systems**

## ***Office of the Administrator/Staff***

### ***(ADM/Staff)***

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**Administrative Law Judges Case Tracking System**  
 , (202) 382-4080

**Hardware:** IBM PC

**Software:** dBASE III+

**Keywords:** Administrative Law; Case Loads; Case Tracking

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**ALJ Case Exhibit and Transcripts Tracking System**

Bessie Hammel, (202) 382-4865

**Hardware:** IBM PC

**Software:** DBMS - dBASE III+

**Keywords:** Case Tracking, Judicial, Enforcement

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**Discrimination Complaints Tracking System**

Suzanne Olive, (202) 382-4518

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Compliance, Administrative; Civil Rights

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**Executive/Congressional Correspondence Tracking System**

Rosemary Carroll, (202) 382-7639

**Hardware:** Prime

**Software:** INFO

**Keywords:** Administrative; Correspondence

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FIATS

**Freedom of Information Action Tracking System**

Jeralene Green, (202) 382-4048

**Hardware:** Prime

**Software:** INFO

**Keywords:** Administrative; Freedom of Information Act;  
Correspondence and Document Tracking Systems

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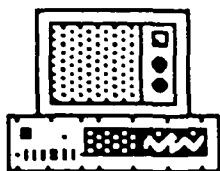
**International Activities Travel Management System**

Bill Whitehouse, (202) 382-5437

**Hardware:** IBM PC

**Software:** dBASE III+

**Keywords:** Administrative; International; Travel



# **EPA Information Systems**

## *Office of the Administrator/Staff*

### *(ADM/Staff)*

JUDO

**Judicial Officer Case Tracking System**

Dan Levesque, (202) 382-4070

**Hardware:** Other

**Software:** dBASE III+

**Keywords:** Administrative; Appeal Cases

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**OIA International Visitors Tracking System**

Bill Whitehouse, (202) 382-5437

**Hardware:** IBM PC

**Software:** DBMS - dBASE III+

**Keywords:** Administrative, International, Visitors Tracking

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**OIA Passport Tracking System**

Bill Whitehouse, (202) 382-5437

**Hardware:** IBM PC

**Software:** DBMS - dBASE III+

**Keywords:** Administrative, International, Passport Tracking

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**SAB Travel Tracking System**

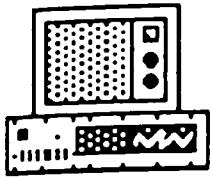
Cheryl Bentley, (202) 382-2552

**Hardware:** IBM PC

**Software:** DBMS - dBASE III+

**Keywords:** Travel, Management, Administrative, Tracking,  
Budget





# EPA Information Systems

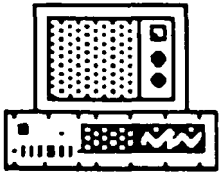
## *Office of External Affairs (OEA)*

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EIS      **Environmental Review Tracking System**  
Marilyn Henderson, (202) 382-5075  
**Hardware:** IBM 3090, IBM PC  
**Software:** DBMS, ADABAS  
**Keywords:** Environmental Impact; Impact Assessment;  
Federal Compliance; Nepa; Caa/Section 309;

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FEDF      **Federal Facilities Compliance System**  
Lee Herwig, (202) 382-5908  
**Hardware:** IBM 3090, Dec 11/70, Other  
**Software:** DBMS, ADABAS  
**Keywords:** Compliance, Federal Facilities

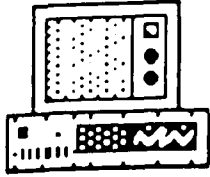


# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|              |   |
|--------------|---|
| <b>AIRS</b>  | <b>Accident and Illness Reporting System</b><br>Don Webb, (202) 382-3640<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol<br><b>Keywords:</b> Health Effects, Occupational Health; Safety and Security Systems                      |
| <b>ASUS</b>  | <b>Administrative Support/Utilization</b><br>Marj. Adler, (513) 684-7766<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b><br><b>Keywords:</b> Administrative; Adp Equipment  |
| <b>APS</b>   | <b>ADP Planning System</b><br>Michael Carpentier, (202) 382-2415<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Focus<br><b>Keywords:</b> Adp Planning; Adp Budget; Timeshare Planning; Timeshare Budgeting; Adp Resources; Information |
| <b>AISCM</b> | <b>Advanced Information System for Career Management</b><br>James Kranda, (202) 475-8289<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Administrative; Training; Career Management                               |
| <b>AUDIT</b> | <b>Audit Tracking System</b><br>John Sykes, (202) 475-8644<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Audit, Dcaa   |
| <b>AGDS</b>  | <b>Automated Grants Documentation System</b><br>Steven Young, (202) 382-5625<br><b>Hardware:</b> Prime<br><b>Software:</b> Info; Midas<br><b>Keywords:</b> Administrative; Grants; Contracts  |



# EPA Information Systems

## *Office of Administration & Resources Mgmt. (OARM)*

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APDS      **Automated Procurement Documentation System**  
John Oliver, (202) 475-8288  
**Hardware:** Prime  
**Software:** COBOL  
**Keywords:** Contracts; Development; Procurement; Far  
Delivery Orders; Script Generation

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APDS      **Automatic Procurement Documentation Systems**  
Mike Kaplan, (202) 382-5303  
**Hardware:** Prime  
**Software:** COBOL  
**Keywords:**

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BARCIS    **Barcode Information System**  
Butch Mellen, (202) 382-2110  
**Hardware:** Other  
**Software:** FORTRAN 77  
**Keywords:** Property; Inventory; Reconciliation

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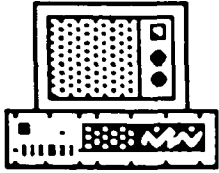
CARPOOL   **Carpool System**  
Butch Mellen, (202) 382-2110  
**Hardware:** Prime  
**Software:** INFO  
**Keywords:** Carpool

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CISR      **Chemical Inventory System**  
Dave Westmoreland, (919) 541-2162  
**Hardware:** Sperry 1100/82  
**Software:** Cobol  
**Keywords:** Administrative; Property Management

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EPACIR    **Circulation System**  
Barbara Roth, (202) 475-8710  
**Hardware:** IBM PC  
**Software:** dBASE III  
**Keywords:** Library; Bibliographic

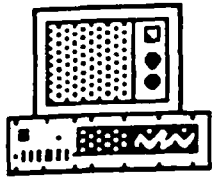


# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|                        |  |
|------------------------|--|
| <b>CODES</b>           | <b>Commitments &amp; Obligations Date Entry System</b><br>Thomas Fioramonti, (202) 382-5107<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> DBMS, INFORM<br><b>Keywords:</b> Omb A-127; Financial Management; Accounting   |
| <b>CPS</b>             | <b>Contact Payment System</b><br>Dennis A. Schur, (919) 541-3042<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Finance, Contracts   |
| <b>CDOTS</b>           | <b>Contract Delivery Order Tracking System</b><br>James Kranda, (202) 475-8289<br><b>Hardware:</b> Prime<br><b>Software:</b> Cobol, Fortran (screen drivers)<br><b>Keywords:</b> Ordering Data; Titles; Contractor Data;<br>Milestones; Quantities; Delivery Schedules |
|                        | <b>Contractor Personnel</b><br>Bernice Friedman, (513) 684-7761<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b><br><b>Keywords:</b> Administrative; Personnel; Payroll   |
| <b>CIS</b>             | <b>Contracts Information System</b><br>John A. Oliver, (202) 475-8288<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> System 2000, Cobol/Plex<br><b>Keywords:</b> Geographic Codes, Contractor Data;<br>Socio-Economic Data; Milestone Tracking; Award                |
| <b>COSTREC<br/>VRY</b> | <b>Cost Recovery Billing and Collections</b><br>Richard Hackley, (312) 353-8838<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b> Monitoring, Cost Recovery, Trust Fund  |



# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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**STORAGE**      **CSSD-Cinci (EMSAC) Disk Storage Annual Report**  
Marj. Adler, (513) 684-7761  
**Hardware:** Dec 11/70  
**Software:**  
**Keywords:** Administrative; Disk Storage

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**dBase System Builder**  
Vic Cohen, (202) 382-5635  
**Hardware:** IBM PC  
**Software:** dBase III and dBase IV +  
**Keywords:**

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**Debarment System**  
Michael Kaplan, (202) 382-5303  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** IRS/WYLBUR  
**Keywords:** Compliance; Monitoring; Contractors

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**E-CATS**      **Electronic Course Catalogue System**  
John M. Mullins, (202) 382-3085  
**Hardware:** Prime  
**Software:** InfoPlus  
**Keywords:** Training; Career Planning, Catalogue, Career Development

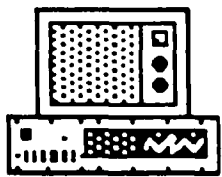
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**VISTA**      **Employee I.D. No. Data Entry at Parklawn Computer**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** TSO, PL1  
**Keywords:** Omb A-127; Financial Management; Accounting

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**EINDES**      **Employer ID No. Data Entry System on the PDP 11/70s**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** Other  
**Software:** DBMS, INFORM  
**Keywords:** Omb A-127; Financial Management; Accounting

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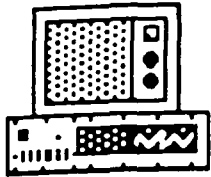


# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|        |  |
|--------|--|
| ISI    | <b>EPA Information Systems Inventory</b><br>Gordon Schisler, (202) 475-9344<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III<br><b>Keywords:</b> Information Systems; Information Sharing;<br>Information Resources Management                                       |
| EPAYS  | <b>EPA Payroll System</b><br>Paul Wohlleben, (202) 382-5107<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL, ADABAS, FOCUS, P/L1<br><b>Keywords:</b> Personnel; Payroll; Payment; Salary  |
| FMSR   | <b>EPA RTP Locator System</b><br>Linda Carroll, (919) 541-7541<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III<br><b>Keywords:</b> Administrative; Personnel  |
| E-MAIL | <b>EPA's Electronic Mail System</b><br>J. Slaymaker, (919) 541-3483<br><b>Hardware:</b> Prime<br><b>Software:</b> FORTRAN<br><b>Keywords:</b>  |
| FINDS  | <b>Facilities Index System</b><br>Dan Cirelli, (202) 382-2416<br><b>Hardware:</b> IBM 3090, Dec 11/70, IBM PC<br><b>Software:</b> ADABAS, NATURAL, COBOL<br><b>Keywords:</b> Facilities Management; Index; Geographic Codes;<br>Geographic Coordinates; Manufacturing; Point |
| FRCS   | <b>Federal Register Chargeback System</b><br>Bill Chapman, (202) 382-2127<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Federal Register  |



# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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**FIRST-UP**      **Financial Information Register Satellite Terminal Users**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** TSO CLIST  
**Keywords:**

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**FMS**            **Financial Management System**  
Paul Wohlleben, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** COBOL, IRS, INFORM, FORTRAN  
**Keywords:** Omb A-127; Financial Management; Accounting

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**TMS**            **FMD Travel Management System**  
Paul Wohlleben, (202) 382-5107  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:** Travel; Obligation; Payment; Financial  
Management

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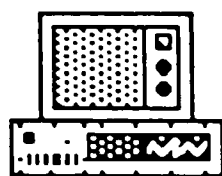
**FMSTI**          **FMS Transaction Input System**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** TSO CLIST  
**Keywords:**

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**FMSTIU**        **FMS Transaction Input & Update System**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** Dec 11/70  
**Software:** DBMS, INFORM  
**Keywords:** Omb A-127; Financial Management; Accounting

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**GASP**           **General ADP Support-PDP 11/70**  
Mary Ann Adams, (513) 684-7761  
**Hardware:** Dec 11/70  
**Software:**  
**Keywords:** Administrative; Adp Equipment



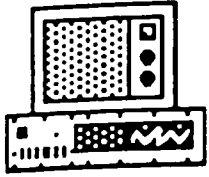
# **EPA Information Systems**

## ***Office of Administration & Resources Mgmt. (OARM)***

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|               |   |
|---------------|---|
| <b>GWPS</b>   | <b>General Word Processor Support</b><br>Marj. Adler, (513) 684-7766<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Administrative; Word Processing  |
| <b>GOLE</b>   | <b>GICS On-Line Data Entry System</b><br>Mike Kaplan, (202) 382-5303<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS, ADABAS, Natural, Focus<br><b>Keywords:</b> Gics; Grants; Data Entry; Administrative;<br>Construction; Research      |
| <b>CNS</b>    | <b>Grant Administration Division Congressional (92-500)</b><br>Tom Hadd, (202) 475-8270<br><b>Hardware:</b> Other<br><b>Software:</b> LEXITRON<br><b>Keywords:</b> Administrative; Grants; Contract Award                                       |
| <b>GAARP</b>  | <b>Grants ADABAS Access and Retrieval Package</b><br>Mike Kaplan, (202) 382-5303<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS, ADABAS, Natural<br><b>Keywords:</b> Grants; Gics; Construction; Research; Wastewater<br>Treatment Plant |
| <b>GADMIS</b> | <b>Grants Administration Division Management Information</b><br>Geneva Gillespie, (202) 475-8274<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Administrative; Grant Awards                                      |
| <b>GICS</b>   | <b>Grants Information and Control System</b><br>Mike Kaplan, (202) 382-5303<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL, ADABAS, NATURAL<br><b>Keywords:</b> Treatment; Disposal, Administrative; Grants;<br>Contracts; Construction |





# **EPA Information Systems**

## ***Office of Administration & Resources Mgmt. (OARM)***

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**GICS**      **Grants Information & Control System**  
Connie Dwyer, (202) 382-5300  
**Hardware:** IBM 3090  
**Software:** ADABAS, NATURAL  
**Keywords:** Grants, Construction Grants, Obligations

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**GOMS**      **Grants Obligations Management System**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** DBMS, INFORM  
**Keywords:** Omb A-127; Financial Management; Accounting

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**GTTS**      **Grants Treasury Tape System**  
Thomas Fioramonti, (202) 382-5107  
**Hardware:** IBM 3090  
**Software:** TSO, Cobol, Fortran  
**Keywords:** Omb A-127; Financial Management; Accounting

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**HAZARD**      **Hazardous Waste DataBase**  
Barbara Roth, (202) 475-8710  
**Hardware:** IBM PC  
**Software:** DBMS dBase III  
**Keywords:** Hazardous Waste; Directives;  
Treatment/Disposal; Storage

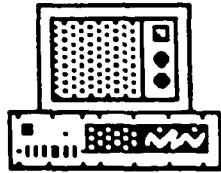
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**WTS**      **HPOB Automated Workload Management System**  
Rich Lemley, (202) 382-3266  
**Hardware:** IBM 3090  
**Software:** Natural  
**Keywords:** Sf-52 Tracking

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**HURMAN**      **Human Resources Manager System**  
John Sykes, (202) 475-8644  
**Hardware:** IBM 3090  
**Software:** ADABAS, NATURAL  
**Keywords:** Personnel, Telephone

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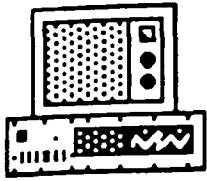


# **EPA Information Systems**

## ***Office of Administration & Resources Mgmt. (OARM)***

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|-----------------|--|
| <b>IHEU</b>     | <b>In-House Equipment Utilization</b><br>Mary Ann Adams, (513) 684-7761<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b><br><b>Keywords:</b> Administrative; Adp Equipment; Utilization   |
|                 | <b>In-House Mailing Label Support</b><br>Bernice Friedman, (513) 684-7761<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Administrative; Label  |
| <b>IAMS</b>     | <b>Interagency Agreement Management System</b><br>Connie Dwyer, (202) 382-5300<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> ADABAS, NATURAL, DBase III<br><b>Keywords:</b> Gics, Grants, Interagency<br>Agreements, Iag's              |
| <b>INVENT</b>   | <b>Inventory Tracking System</b><br>John Sykes, (202) 475-8644<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS/NATURAL<br><b>Keywords:</b> Inventory   |
| <b>LOC-TFCS</b> | <b>Letter of Credit - (Dept. of) Treasury Financial</b><br>Thomas Fioramonti, (202) 382-5107<br><b>Hardware:</b> Prime, IBM Logical Mainframe/Other<br><b>Software:</b> DBMS, INFO<br><b>Keywords:</b> Omb A-127; Financial Management; Accounting |
| <b>LOCATOR</b>  | <b>Mail/Locator</b><br>Butch Mellen, (202) 382-2110<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Locator; Directory; Mail  |

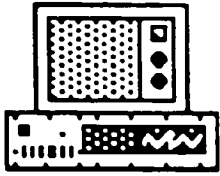


# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|       |   |
|-------|---|
| PMRS  | <b>Merit Pay System</b><br>William H. Harrison, (202) 382-2402<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Cobol<br><b>Keywords:</b> Personnel Systems, Merit Pay                                     |
| MICAD | <b>Micro-Installation, Inc.</b><br>Butch Mellen, (202) 382-2110<br><b>Hardware:</b> IBM PC<br><b>Software:</b><br><b>Keywords:</b> Space; Floor Plans   |
| BBI   | <b>OA-Cinci (EMSAC) Foreign Tape</b><br>Bernice Friedman, (513) 684-7761<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b><br><b>Keywords:</b> Administrative; Tape Creation                                |
| LCS   | <b>OA-Cinci (EMSAC) Library Circulation System</b><br>Bernice Friedman, (513) 684-7761<br><b>Hardware:</b> Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Administrative; Library; Circulation Systems |
| CSEU  | <b>OA-CINCI ADP Timeshare Reporting System</b><br>Mary Ann Adams, (513) 684-7761<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Wylbur<br><b>Keywords:</b> Administrative; Adp Management; Budget         |
| RTEL  | <b>OA-RTP FTS Telephone System</b><br>Linda Carroll, (919) 541-7541<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> System 2000<br><b>Keywords:</b> Administrative                                   |



# **EPA Information Systems**

## ***Office of Administration & Resources Mgmt. (OARM)***

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**KWIC/IBM**

**OA-RTP Keyword in Context Index**

John Knight, (919) 541-2794

**Hardware:** IBM 3090

**Software:** Cobol

**Keywords:** Library; Bibliographic; Kwic; Kwoc

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**ORMS**

**Office Resources Management System**

Sandra Hill, (202) 382-5642

**Hardware:** Prime, IBM 3090

**Software:** INFO

**Keywords:** Accounting; Personnel; Budget; Automated Document Control Register

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**LOOK-UP**

**Online Account Status and Payment History**

Thomas Fioramonti, (202) 382-5107

**Hardware:** IBM 3090

**Software:** TSO, Cobol

**Keywords:** Omb A-127; Financial Management; Accounting

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**LIBBKS**

**Online Catalog**

Barbara Roth, (202) 475-8710

**Hardware:** IBM Logical Mainframe/Other

**Software:** BASIS

**Keywords:** Library; Bibliographic

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**Operator Control**

Jack Heimbrock, (513) 684-7767

**Hardware:** Dec 11/70

**Software:**

**Keywords:** Administrative; Adp System Control

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**RADX**

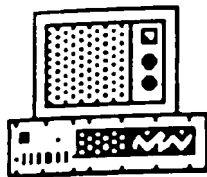
**ORD-Cinci Radiation Exposure Tracking System**

Bernice Friedman, (513) 684-7761

**Hardware:** Dec 11/70

**Software:**

**Keywords:** Exposure; Population, Human; Health Effects

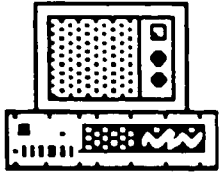


# EPA Information Systems

## *Office of Administration & Resources Mgmt. (OARM)*

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|      |  |
|------|--|
| PMRS | <b>Performance Monitoring and Reporting System</b><br>Mike Hamlin, (202) 382-3308<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Focus<br><b>Keywords:</b> Personnel Systems, Merit Pay  |
| PPMS | <b>Personal Property Management System</b><br>Bernice Friedman, (513) 684-7766<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b><br><b>Keywords:</b> Administrative; Personal Property  |
| PPAS | <b>Personal Property Accounting System</b><br>Anthony Borda, (202) 475-7712<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> IRS, FORTRAN<br><b>Keywords:</b> Property   |
| PORS | <b>Project Officer Reporting System</b><br>John Sykes, (202) 475-8644<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Training Courses  |
| PORS | <b>Project Officer Record System</b><br>Ed Murphy, (202) 382-5034<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Contract Management; Contract Project Officer's<br>Work Assignment Managers; Delivery Order |
| PTS  | <b>Project Tracking System</b><br>Vic Cohen, (202) 382-5635<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III +<br><b>Keywords:</b> Storage; Treatment/Disposal   |

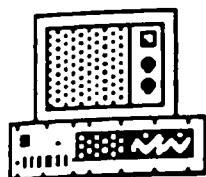


# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|                  |   |
|------------------|---|
| <b>RAGDS</b>     | <b>Regional Automated Grants Document Subsystem</b><br>Connie Dwyer, (202) 382-5300<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> ADABAS, NATURAL, dBase III<br><b>Keywords:</b> Gics, Grants, Obligations,<br>Documents |
| <b>REMARCS</b>   | <b>Resource Entry, Management, Accountability and</b><br>John Knight,<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> DBMS, System 2000<br><b>Keywords:</b> Omb A-127; Financial Management; Accounting                      |
| <b>RMIS/BARS</b> | <b>Resource Management Information System/Budget</b><br>Bill Boone, (202) 382-3367<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL, IRS, Pascal, PL/1, TSO<br><b>Keywords:</b> Budget; Resources Management                  |
| <b>RMIS</b>      | <b>Resources Management Information System</b><br>William Boone, (202) 382-3367<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol, IRS, Pascal, PL/1<br><b>Keywords:</b> Budget; Financial; Personnel; Resources<br>Management |
| <b>LIBR</b>      | <b>RTP Library</b><br>Libby Smith, (919) 541-2795<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol, Basis<br><b>Keywords:</b> Administrative; Library   |
| <b>SIB</b>       | <b>Senior Executive Information Systems Bank</b><br>Donald Sadler, (202) 382-3328<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Administrative; Ses; Position; Status; Placement                     |



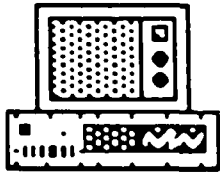
# **EPA Information Systems**

## *Office of Administration & Resources Mgmt. (OARM)*

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|              |   |
|--------------|---|
| <b>SPAMS</b> | <b>Small Purchases Automated Management System</b><br>James Kranda, (202) 475-8289<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III +<br><b>Keywords:</b> Monitoring, Procurement Requests, Contractor Data, Milestones       |
| <b>SPTS</b>  | <b>Small Purchase Tracking System</b><br>Rosemarie Nance, (202) 382-2366<br><b>Hardware:</b> Prime<br><b>Software:</b> Cobol, Fortran (screen drivers)<br><b>Keywords:</b> Ordering Data; Contractor Data; Delivery Times; Milestones |
| <b>SPUR</b>  | <b>Special Package for Unique Reports</b><br>Thomas Fioramonti, (202) 382-5107<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> TSO, CLIST, IRS<br><b>Keywords:</b> Omb A-127; Financial Management; Accounting                       |
| <b>SSIS</b>  | <b>Store Stock Inventory/Accounting System</b><br>Dave Westmoreland, (919) 541-2162<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III using STB Package<br><b>Keywords:</b> Administrative; Property Management                |
| <b>STARS</b> | <b>Superfund Transactions Automated Retrieval System</b><br>Jack Johnson, (202) 382-2886<br><b>Hardware:</b> Other<br><b>Software:</b> Unknown<br><b>Keywords:</b> Superfund, Cost Recovery   |
| <b>FMSD</b>  | <b>Utilization Management and Telephone Directory</b><br>Bernice Friedman, (513) 684-7761<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> PL-1, IRS<br><b>Keywords:</b> Administrative, Telephone Directory       |

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**Office of Toxic Substances Library**  
**U.S. Environmental Protection Agency**  
401 M Street, S.W. TS-793  
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(202) 382-3944



# EPA Information Systems

## *Office of Administration & Resources Mgmt. (OARM)*

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VSS

Voucher and Scheduling System

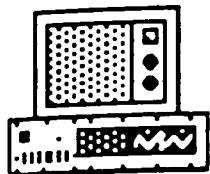
Thomas Fioramonti, (202) 382-5107

Hardware: Dec 11/70

Software: DBMS, INFORM

Keywords: Omb A-127; Financial Management; Accounting





# **EPA Information Systems**

## ***Office of Pesticides and Toxic Substances (OPTS)***

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**ORALTOX**      **Acute Oral Toxicity for Birds, Mice, Rats**  
Richard G. Clements, (202) 382-4270  
**Hardware:** IBM PC  
**Software:** dBASE III, Lotus 1,2,3  
**Keywords:** Wild Mice; Acute Oral Toxicity; Rat Oral Ld50;  
Wild Birds

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**AIS**            **Asbestos Information System**  
Maureen Guild, (202) 382-3623  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** ADABAS, Natural  
**Keywords:** Chemical Use; Exposure; Manufacturing;  
Population, Human; Environmental Releases;

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**ADCR**          **Automated Document Control Register**  
Jack Diskin, (202) 382-3619  
**Hardware:** IBM 3090  
**Software:** ADABAS, Natural  
**Keywords:** Budget; Financial Management

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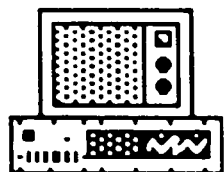
**APS**            **Automated Personnel System**  
Debbie Taylor, (202) 382-3843  
**Hardware:** IBM PC  
**Software:** dBASE III  
**Keywords:** Administrative; Personnel

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**CCS/RTS**      **Chemical Collection System/Request Tracking**  
Jack Diskin, (202) 382-3619  
**Hardware:** Other  
**Software:** ADABAS, Natural  
**Keywords:** Environmental Effects; Chemical; Test/Analysis  
Method; Health Effects

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**CUS**            **Chemical Update System**  
Nancy Vogel, (202) 475-7431  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** ADABAS Natural  
**Keywords:** Manufacturing, Production Volume

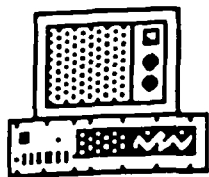


# **EPA Information Systems**

## ***Office of Pesticides and Toxic Substances (OPTS)***

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|               |  |
|---------------|--|
| <b>CICIS</b>  | <b>Chemicals In Commerce Information System</b><br>Eyvone Petty, (202) 475-7444<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> ADABAS, Natural, SAS<br><b>Keywords:</b> Manufacturing, Production Volume  |
| <b>CAIR</b>   | <b>Comprehensive Assessment Information Rule</b><br>Joanne Martin, (202) 475-7431<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> ADABAS, Natural, SAS<br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Physical-Chemical Properties; Soil; Surface |
| <b>DAPSS</b>  | <b>Document and Personnel Security System</b><br>Evelyn Goosby, (202) 382-3739<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Document Control; Personnel Information;<br>Submitter (COMPANY) Data                                  |
|               | <b>Ecological Monitoring System</b><br>Tom Dixon, (703) 557-5455<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Varied<br><b>Keywords:</b> Monitoring; Soil; Discharge Points; Chemical;<br>Environmental Effects, Emissions  |
| <b>CECATS</b> | <b>Existing Chemical Assessment Tracking System</b><br>Joe Merenda, (202) 382-3442<br><b>Hardware:</b> Other<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Environmental Releases; Environmental Effects;<br>Manufacturing; Chemical Use; Compliance;                              |
| <b>ETS</b>    | <b>Extramural Tracking System</b><br>Jack Diskin, (202) 382-3619<br><b>Hardware:</b> IBM PC, IBM 3090<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Administrative; Budget; Contracts  |

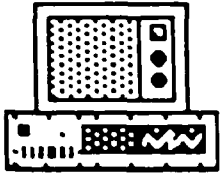


# **EPA Information Systems**

## ***Office of Pesticides and Toxic Substances (OPTS)***

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|              |   |
|--------------|---|
| <b>FATES</b> | <b>FIFRA and TSCA Enforcement System</b><br>Robert P. Zisa, (202) 382-7858<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Cobol<br><b>Keywords:</b> Chemical Use; Compliance; Monitoring, Toxic<br>Substances; Enforcement; Registration; Pesticides |
|              | <b>Files of Exposure Assessments for Existing Chemicals</b><br>R. Craig Matthiessen, (202) 382-3694<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Releases; Exposure; Population,<br>Human  |
| <b>GI</b>    | <b>Global Indexing System</b><br>Delores Evans, (202) 382-3608<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Environmental Effects; Monitoring; Health<br>Effects, Chemical  |
| <b>GEMS</b>  | <b>Graphical Exposure Modeling System</b><br>Russ Kinerson, (202) 382-3928<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Exposure; Physical-Chemical Properties;<br>Climate; Soil; Surface Water, Population, Human;              |
| <b>HESAP</b> | <b>Health and Environmental Study Audit Program</b><br>Jack Diskin, (202) 382-3619<br><b>Hardware:</b> IBM PC, IBM 3090<br><b>Software:</b> FOCUS<br><b>Keywords:</b> Test/Analysis Method; Environmental Effects;<br>Health Effects; Chemical; Monitoring                |
| <b>ITS</b>   | <b>Interagency Testing Committee Tracking System</b><br>Norma Williams, (202) 382-3825<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Revelation<br><b>Keywords:</b> 1, 2, 3<br>Exposure Potential<br>Data Availability,  |

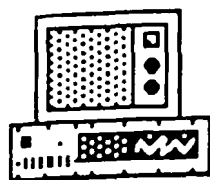


# **EPA Information Systems**

## ***Office of Pesticides and Toxic Substances (OPTS)***

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|              |   |
|--------------|---|
| <b>ITS</b>   | <b>Interagency Testing Committee Tracking System</b><br>Norma Williams, (202) 382-3825<br><b>Hardware:</b> IBM 3090, Dec 11/70<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Chemical; Environmental Effects; Test/Analysis<br>Method; Monitoring |
| <b>IRR</b>   | <b>Inventory Reporting Requirement System</b><br>Tim Thomas, (202) 382-3614<br><b>Hardware:</b> Other<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Manufacturing, Form Number; Encryption Code;<br>Who Code; Activity Code                       |
| <b>MITS</b>  | <b>Management Information Tracking System (New)</b><br>Delores Evan, (202) 382-3625<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> New Chemicals; Administrative; Management<br>System                                |
| <b>NHMP</b>  | <b>National Human Milk Monitoring Program</b><br>Jerome Blondell, (703) 557-0321<br><b>Hardware:</b> Other<br><b>Software:</b> Software System at Colorado State University<br><b>Keywords:</b> Monitoring, Human Milk; Cancelled Pesticides;<br>Pesticides |
|              | <b>National Pesticide Hazard Assessment Program</b><br>Jerome Blondell, (703) 557-0321<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Exposure; Model; Body Burden; Population;<br>Human; Monitoring; Health Effects; Ground             |
| <b>ODATS</b> | <b>Office Director Assignment Tracking System</b><br>Pam Harrison, (202) 382-3810<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Administrative; Assignment Tracking  |



# EPA Information Systems

## *Office of Pesticides and Toxic Substances (OPTS)*

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### Office of Toxic Substances Equipment System

Karen Dickerson, (202) 382-3621

Hardware: IBM PC

Software: dBASE III

Keywords: Adp Equipment; Tracking

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OPPAS

### OPP Planning Support System

Richard Longmire, (703) 557-2925

Hardware: IBM 3090, Dec 11/70

Software:

Keywords: Monitoring, Administrative; Long-Range Plans; Personnel; Budget

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OPTS RTS

### OPTS Regulation Tracking System

Jack Diskin, (202) 382-3619

Hardware: IBM PC

Software: dBASE III

Keywords: Compliance, Administrative; Regulations

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CHEMD

### OTS Chemical Directory

Edna Pleasants, (202) 475-6111

Hardware: IBM Logical Mainframe/Other

Software: MACCS, DATACCS, CAS3CT/Fortran

Keywords: Physical-Chemical Properties; Chemical

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OTS MTS

### OTS Milestone Tracking System

Debbie Taylor, (202) 382-3843

Hardware: Other

Software: dBASE III

Keywords: Administrative; Document Arrival; Activity Tracking

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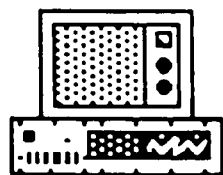
### PENTA

Edna Pleasants, (202) 475-6111

Hardware: IBM Logical Mainframe/Other

Software: ADABAS, Natural

Keywords: Environmental Effects; Environmental Releases; Physical-Chemical Properties; Chemical;



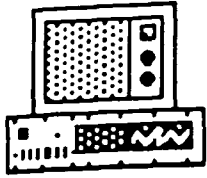
# EPA Information Systems

## *Office of Pesticides and Toxic Substances (OPTS)*

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| PDMS | <b>Pesticide Document Management System</b><br>John Carley, (703) 557-2315<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Environmental Effects; Chemical; Chemical Use;<br>Health Effects, Bibliographic; Pesticide                                    |
| PIMS | <b>Pesticide Incident Monitoring System</b><br>Jerome Blondell, (703) 557-0321<br><b>Hardware:</b> Other<br><b>Software:</b> Software System at Colorado State University<br><b>Keywords:</b> Population, Human; Soil; Physical-Chemical<br>Properties; Monitoring; Health Effects; Sediment, |
| PMI  | <b>Pesticide Monitoring System</b><br>Constance A. Hoheisel, (703) 557-7499<br><b>Hardware:</b> Other<br><b>Software:</b> RELEATION ASCOM IV (Bulletin Board)<br><b>Keywords:</b> Environmental Effects; Health Effects; Ground<br>Water; Soil; Surface Water; Sediment; Biological;          |
| PPIS | <b>Pesticide Product Information System</b><br>Jerry Miller, (202) 557-5484<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol<br><b>Keywords:</b> Chemical, Product; Registrant; Site; Pesticides;<br>Ingredient; Use; Brand Name  |
|      | <b>Pesticides Use Surveys</b><br>Peter Kuch, (703) 557-7355<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> SAS<br><b>Keywords:</b> Survey; Pesticides   |
| PDM  | <b>Probabilistic Dilution Model</b><br>Patrick Kennedy, (202) 382-3916<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Basic<br><b>Keywords:</b> Model; Monitoring; Surface Water, Receiving<br>Streams  |

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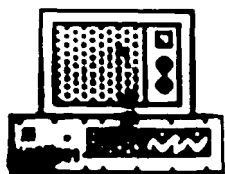


# EPA Information Systems

## *Office of Pesticides and Toxic Substances (OPTS)*

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| PITS      | <b>Project Information Tracking System</b><br>Jack Diskin, (202) 382-3619<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Administrative; Milestones; Planning  |
| ETHOX     | <b>Summary of Ecotox Data on Ethoxylated Surfactants</b><br>Richard G. Clements, (202) 382-4270<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III, Lotus 1,2,3<br><b>Keywords:</b> Ethoxylated Surfactants; Nonionic Surfactants;<br>Anionic Surfactants; Aquatic Toxicity; Acute |
| TRI       | <b>Toxic Chemical Release Inventory</b><br>Eleanor Merrick, (202) 382-3596<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS/Natural<br><b>Keywords:</b> Environmental Releases; Ground Water; Soil;<br>Surface Water; Chemical Use; Geographic                                    |
| LEVEL8(A) | <b>TSCA 8(a) Level A Information System</b><br>Eyvone Petty, (202) 475-7444<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> ADABAS, Natural<br><b>Keywords:</b> Chemical Use; Manufacturing, Environmental<br>Exposure; Human Exposure                               |



# **EPA Information Systems**

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**FISHTEMP**    **A National Compendium of Freshwater Fish and Water**  
Kenneth Hokenson, (218) 720-5757  
**Hardware:** Dec 11/780  
**Software:** Fortran  
**Keywords:** Environmental Effects; Surface Water; Population,  
Nonhuman, Fish; Temperature

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**ADAPT**        **Adapt II Structural Activities**  
Steven Nesnow, (919) 541-3847  
**Hardware:** Dec 11/780  
**Software:** Fortran  
**Keywords:** Physical-Chemical Properties; Chemical; Health  
Effects

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**ADPCETS**    **ADP Capital Equipment Inventory System**  
Mark Madsen, (702) 798-2603  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:** Adp; Capital; Equipment

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**AUSM**        **Advanced Utility Simulation Model**  
J. David Mobley, (919) 541-2612  
**Hardware:** IBM 3090, IBM Logical Mainframe/Other  
**Software:** Fortran, Wylbur  
**Keywords:** Model; Environmental Releases; Point Source,  
Acid Deposition; Utility Point Source Emissions;

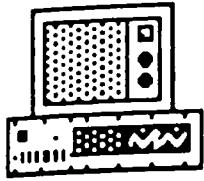
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**DAPD**        **AEERL Dual Alkali FGD Process Demonstration**  
J. David Mobley, (919) 541-2612  
**Hardware:** Sperry 1100/82  
**Software:** Fortran  
**Keywords:** Chemical, Fgd; Control Technology; Sulfur  
Dioxide; Dual Alkali

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**Air Quality Programs (Private Programs)**  
Marc Pitchford, (702) 798-2363  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Utility; Programs; Report; Generation



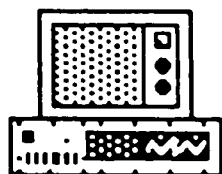


# **EPA Information Systems**

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| <b>QAFILE</b> | <b>Ambient Quality Assurance Data Base</b><br>Thomas Lawless, (919) 541-2291<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Focus<br><b>Keywords:</b>   |
| <b>AQUIRE</b> | <b>Aquatic Information Retrieval</b><br>Robert Spehar, (218) 720-5564<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Chemical; Population, Nonhuman  |
| <b>SAD</b>    | <b>AREAL-RTP Acid Rain System</b><br>Dwight Clay, (919) 541-4060<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL<br><b>Keywords:</b> Atmospheric Deposition; Meteorological  |
| <b>FBANK3</b> | <b>AREAL-RTP National Filter Analysis Network</b><br>Thomas Lawless, (919) 541-2291<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> System 2000<br><b>Keywords:</b>  |
| <b>NABN</b>   | <b>AREAL-RTP National Atmospheric Background Network</b><br>Barry Martin, (919) 541-4386<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> COBOL<br><b>Keywords:</b> Air 7 Criteria Naaqs  |
| <b>NEROS</b>  | <b>AREAL-RTP Northeast Regional Oxidant Study</b><br>Ken Schere, (919) 541-3795<br><b>Hardware:</b> IBM 3090, Other<br><b>Software:</b> Commercial software (local developed program)<br><b>Keywords:</b> Physical-Chemical Properties; Transformation Rates; Model; Chemical; Non-Point Source |

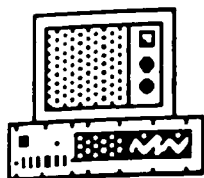


# **EPA Information Systems**

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| <b>QASRCE</b>         | <b>AREAL-RTP Quality Assurance Data System</b><br>Terry Risher, (919) 541-2292<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Focus<br><b>Keywords:</b> Air 7 Criteria Naaqs  |
| <b>RAPS</b>           | <b>AREAL-RTP Regional Air Pollution Study</b><br>Ken Schere, (919) 541-3795<br><b>Hardware:</b> Sperry 1100/82, Dec 11/780, IBM 3090<br><b>Software:</b> System 2000<br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Physical-Chemical Properties; Transformation |
| <b>AQUIFR</b>         | <b>Artificial Aquifier Data Collection System</b><br>David M. Walters, (405) 332-8800<br><b>Hardware:</b> IBM PC<br><b>Software:</b> C<br><b>Keywords:</b> Physical-Chemical Properties; Test/Analysis<br>Method; Transformation Rates; Ground Water;                                   |
| <b>BARCDEC<br/>AL</b> | <b>BARCODE/DECAL Systems</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70, Other<br><b>Software:</b><br><b>Keywords:</b> Capital; Equipment; Bar Code   |
| <b>BEEP</b>           | <b>Benignus EEG Evoked Potential</b><br>Vernon Benignus, (919) 966-6242<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Test/Analysis Method; Biological; Exposure;<br>Population, Human; Health Effects   |
| <b>BIOLOGS</b>        | <b>Biological Data Management System (White River)</b><br>Vic Lambou, (702) 798-2259<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran IV<br><b>Keywords:</b> Macroinvertebrates; Periphyton; White; River;<br>Prickley; Pear; Acid Deposition; Rain; Colorado;                 |

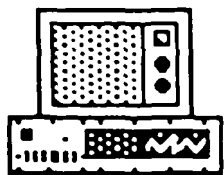


# **EPA Information Systems**

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| <b>BOULD</b> | <b>Boulder Remote Data Collection and Control System</b><br>David M. Walters, (405) 332-8800<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Physical-Chemical Properties; Test/Analysis Method; Transformation Rates; Model; Ground |
| <b>CARS</b>  | <b>Carcinogen System</b><br>Walter Galloway, (702) 798-2596<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Chemical, Carcinogen; Toxic   |
| <b>CEAS</b>  | <b>Coastal Environmental Assessment Studies</b><br>D.K. Phelps, (401) 782-3077<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> DATMAN<br><b>Keywords:</b> Sediment, Estuarine; Marine; Mercenaria Mercenaria; Mytilus Edulis                                 |
| <b>CHAMP</b> | <b>Community Health Air Monitoring Program</b><br>Jose Sune, (919) 541-3127<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b><br><b>Keywords:</b> Air 7 Criteria Naaqs  |
| <b>CTM</b>   | <b>Complex Terrain Data Base</b><br>Steve Perry, (919) 541-1341<br><b>Hardware:</b> IBM 3090, Sperry 1100/82<br><b>Software:</b> Fortran, SAS, Wylbur<br><b>Keywords:</b> Environmental Releases; Model; Point Source; Site Characteristics, Complex Terrain   |
| <b>CFR</b>   | <b>Contract Funding Recapitulation System</b><br>Anders Denson, (702) 798-2577<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus, DCL<br><b>Keywords:</b> Financial, Administrative, Contract Funds Tracking  |

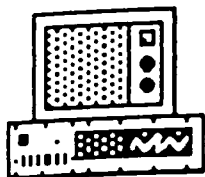


# **EPA Information Systems**

## *Office of Research and Development (ORD)*

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| <b>CLPQA</b>  | <b>Contract Laboratory Program Quality Assurance</b><br>Jim Petty, (702) 798-2383<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> USAM/NATURAL, SAS<br><b>Keywords:</b> Soil; Sediment; Surface Water, Runoff; Near<br>Hazardous Waste Sites; Waste                    |
| <b>CP-1</b>   | <b>CP-1 Graphical Display System for the Nevada Test Site</b><br>Norm Sunderlund, (702) 798-2538<br><b>Hardware:</b> IBM PC<br><b>Software:</b><br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Health Effects; Exposure; Geographic Codes; Point |
| <b>CRIB</b>   | <b>Criteria Reference Information Bank</b><br>Doug Fennell, (919) 541-3789<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Clipper and "C"<br><b>Keywords:</b> Environmental Effects; Physical-Chemical<br>Properties; Economic; Exposure; Model; Body                   |
| <b>DAS</b>    | <b>Data Analysis System [Geographical Information System]</b><br>Thomas Mace, (702) 798-2260<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Imagery; Multispectral; Scanner; Photographic;<br>Topographic; Mapping                |
| <b>DMR-QA</b> | <b>Discharge Monitoring Report-Quality Assurance Studies</b><br>Paul Britton, (513) 569-7325<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> VS Fortran<br><b>Keywords:</b> Monitoring, Lab Performance Evaluation   |
| <b>WDROP</b>  | <b>Distribution Register of Organic Pollutants in Water</b><br>Wayne Garrison, (404) 546-3183<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Drinking Water; Ground Water; Surface Water;<br>Chemical, Effluents; Water Pollutants                   |



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**DEEP**      **Dyer EEG Evoked Potential**  
Will Boyes, (919) 541-7538  
**Hardware:** Dec 11/70, Other  
**Software:** Fortran & Automated  
**Keywords:** Environmental Effects; Biological; Health Effects;  
Population, Nonhuman

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**DYNHYD4**    **Dynamic Hydrolic Model**  
Robert Ambrose, (404) 546-3130  
**Hardware:** IBM PC, Other  
**Software:** Fortran 77  
**Keywords:** Surface Water

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**DYNTOX**    **Dynamic Toxics Wasteload Allocation Model**  
Robert B. Ambrose, (404) 546-3130  
**Hardware:** IBM PC, Other  
**Software:** Fortran 77  
**Keywords:** Surface Water, Point Source, Toxicity

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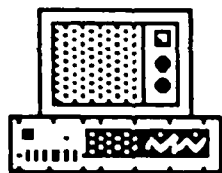
**WATER**    **Economic Analysis of Water Supply**  
Jeffrey Adams, (513) 684-7835  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Surface Water; Economic; Model; Ground Water;  
Drinking Water

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**HISLIB**    **Effluent Guidelines GC/MS Screening Analysis Data Base**  
John McGuire, (404) 546-3185  
**Hardware:** Dec 11/70  
**Software:** GC/MS Data Survey System  
**Keywords:** Effluents; Potw

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**EDASS**    **EMSL-CINCI Equivalency Statistical System**  
Larry Lobring, (513) 569-7372  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Fortran  
**Keywords:** Biological; Chemical; Monitoring; Drinking  
Water, Statistics

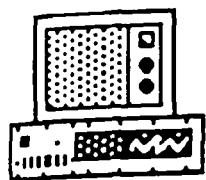


# **EPA Information Systems**

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| <b>PESC</b>    | <b>EMSL-Cinci Performance Evaluation System</b><br>Paul Britton, (513) 569-7325<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> VS Fortran<br><b>Keywords:</b> Lab Performance Evaluation                    |
| <b>DIVPRTR</b> | <b>EMSL-LV Expenditure System</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Local; Procurement; Tracking                                    |
| <b>VCEM</b>    | <b>EMSL-Vegas Chemical Inventory</b><br>Walter Galloway, (702) 798-2596<br><b>Hardware:</b> Other<br><b>Software:</b> INFORM<br><b>Keywords:</b> Chemical, Management; Hazardous Substances;<br>Communication |
| <b>VLIB</b>    | <b>EMSL-Vegas Library Inventory</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Library; Journals; Periodicals                                |
| <b>VBOK</b>    | <b>EMSL-Vegas Library Book System</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Library; Systems; Books; Authors                            |
| <b>VMAL</b>    | <b>EMSL-Vegas Mail List</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Mailing; Label  |

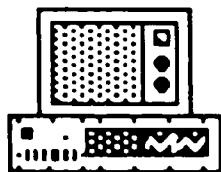


# **EPA Information Systems**

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| VSPC         | <b>EMSL-Vegas Species System</b><br>Vic Lambou, (702) 798-2259<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Local; Water; Quality; Systems; Aquatic;<br>Biological   |
| TCTS         | <b>EMSL-Vegas Time Card Tracking System</b><br>Mark Madsen, (702) 798-2603<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Lv113; Time; Attendance   |
| EADS         | <b>Environmental Assessment Data System</b><br>Gary L. Johnson, (919) 541-7612<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> DBMS, System 2000, Cobol, Fortran<br><b>Keywords:</b> Point Source; Chemical; Site Characteristics,<br>Particle Sizes; Pm-10; Air Toxics; Control |
| EPID         | <b>Epidemiological Studies</b><br>William Nelson, (919) 541-2330<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> SAS, Fortran<br><b>Keywords:</b> Exposure; Population, Human; Health Effects  |
| MINTEQA<br>2 | <b>Equilibrium Metal Speciation Model</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Physical-Chemical Properties; Ground Water;<br>Soil; Surface Water; Chemical; Model;                                   |
| FMS          | <b>ERL-Ada Financial System Management</b><br>Jimmie L. Kingery, (405) 332-8800<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> INFORM, Fortran<br><b>Keywords:</b> Financial  |



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**PERS**

**ERL-Ada Personnel System**  
Carolyn Taylor, (405) 332-8800  
**Hardware:** Dec 11/780  
**Software:** INFORM  
**Keywords:** Personnel

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**ADMIN**

**ERL-Athens Administrative System**  
Roger NeeSmith, (404) 546-3430  
**Hardware:** IBM PC, Other  
**Software:** Fortran, INFORM, dBASE III  
**Keywords:** Administrative; Personnel; Library

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**DEM**

**ERL-Athens Dynamic Estuary Model**  
Robert B. Ambrose, (404) 546-3546  
**Hardware:** IBM 3090, Dec 11/70  
**Software:** Fortran, Wylbur  
**Keywords:** Surface Water; Model

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**ALPS**

**ERL-Athens Lab Planning System**  
Roger NeeSmith, (404) 546-3430  
**Hardware:** Dec 11/780  
**Software:** Fortran, INFORM, Builder  
**Keywords:** Administrative; Lab Work Plan; Ord Program Management Systems

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**CVFM**

**ERL-CORV Financial Management**  
Fran Kreitzer, (503) 757-4653  
**Hardware:** Other, IBM PC  
**Software:** dBase III, Fortran  
**Keywords:** Financial Management

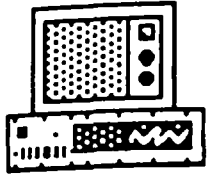
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**CVLB**

**ERL-CORV Library Circulation System**  
Betty McCavley, (503) 757-4731  
**Hardware:** Dec 11/780  
**Software:** Fortran  
**Keywords:** Administrative; Library; Document; Books

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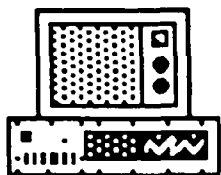


# **EPA Information Systems**

## *Office of Research and Development (ORD)*

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| <b>CVPM</b>     | <b>ERL-CORV Personnel Management</b><br>Pam Taylor, (503) 757-4651<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Administrative; Personnel  |
| <b>LSERA</b>    | <b>ERL-Duluth Financial Management Package</b><br>Judy L. Stagner, (218) 720-5549<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran, Builder<br><b>Keywords:</b> Administrative; Budget  |
| <b>LSERB</b>    | <b>ERL-Duluth Personnel and Payroll</b><br>Judy L. Stagner, (218) 720-5549<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran, Builder<br><b>Keywords:</b> Administrative; Payroll  |
| <b>EPALIT</b>   | <b>ERL-Gulf Breeze Text Data Management</b><br>Russell H. Ryder, (904) 932-5311<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran IV+<br><b>Keywords:</b> Environmental Effects; Physical-Chemical<br>Properties; Test/Analysis Method; Climate; |
| <b>FMS</b>      | <b>ERL-Gulf Breeze Financial Data Management</b><br>Russell H. Ryder, (904) 932-5311<br><b>Hardware:</b> IBM PC, IBM 3090, Dec 11/780<br><b>Software:</b> Focus<br><b>Keywords:</b> Budget; Work Plans; Payroll; Commitments;<br>Obligation; Purchases    |
| <b>CONTRIBS</b> | <b>ERL-Gulf Breeze Laboratory Contributions Data</b><br>Russell H. Ryder, (904) 932-5311<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran IV+, DBMS - EPALIT<br><b>Keywords:</b> Research Products  |

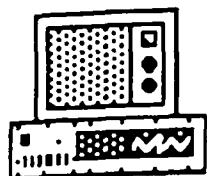


# **EPA Information Systems**

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| <b>CULP</b>     | <b>Estimating Water Treatment Costs</b><br>Richard Eilers, (513) 684-7809<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water; Economic; Model; Ground Water;<br>Drinking Water   |
| <b>EXAMS-II</b> | <b>Exposure Analysis Modeling System</b><br>Lawrence Burns, (404) 546-3511<br><b>Hardware:</b> IBM 3090, Dec 11/780, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Chemical; Surface Water  |
| <b>FMS</b>      | <b>Facility Management System</b><br>Robert W. Coulter, (702) 798-2621<br><b>Hardware:</b> Other<br><b>Software:</b><br><b>Keywords:</b> Facility Systems, Space Evaluation/Utilization,<br>Facility Management   |
| <b>FMWOS</b>    | <b>Facility Management Work Order System</b><br>Robert Coulter, (702) 798-2616<br><b>Hardware:</b> Other<br><b>Software:</b> Basic<br><b>Keywords:</b> Work; Orders   |
| <b>FGDIS</b>    | <b>Flue Gas Desulphurization Information System</b><br>Michael A. Maxwell, (919) 541-3091<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> DBMS, System 2000, Fortran<br><b>Keywords:</b> Economic, Control Technology; Fgd; Utility<br>Boilers; Sulfur Dioxide |
| <b>FGETS</b>    | <b>Food and Gill Exchange of Toxic Substances</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Environmental Effects; Surface Water; Chemical;<br>Exposure; Model; Body Burden              |



# **EPA Information Systems**

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### **Fuel and Fuel Additives**

Harold Sauls, (919) 541-3123

**Hardware:** Other

**Software:** Datatrieve on DEC PDP11/35

**Keywords:** Fuel; Fuel Additive; Registration

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**FTE**

### **Full Time Equivalence**

Barbara Queen, (702) 798-2561

**Hardware:** Dec 11/780

**Software:** dBase III, DCL, Bridge V86

**Keywords:** Fte, Personnel

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**HEGP**

### **Gases and Particles**

Richard Dickerson, (919) 541-2909

**Hardware:** IBM 3090, Dec 11/780, IBM PC

**Software:** Cobol, Fortran, SAS, dBASE, Lotus 1,2,3

**Keywords:** Biological; Population, Human; Health Effects;  
Population, Nonhuman

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**GEOEAS**

### **Geo Statistical Environmental Assessment Software**

Ann Pitchford, (702) 798-2366

**Hardware:** IBM PC

**Software:** Fortran

**Keywords:** Kriging; Probability; Geostatistical

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**GSDP**

### **Geophysical Survey Data Processing System**

Aldo Mazzella, (702) 798-2254

**Hardware:** IBM PC

**Software:** Basic

**Keywords:** Geophysical; Interpretation

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**GMDI**

### **Geophysical Models for Data Interpretation**

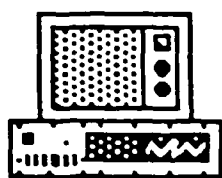
Mazzella Aldo, (702) 798-2254

**Hardware:** Dec 11/70

**Software:** Fortran

**Keywords:** Model, Geophysical; Interpretation

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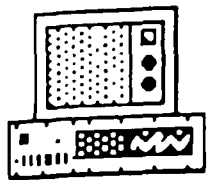


# **EPA Information Systems**

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| <b>GTS</b>            | <b>Graphics Tracking System</b><br>Brian Spavin, (702) 798-2591<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus 4th GL, DCL<br><b>Keywords:</b> Graphics/Photography, Tracking System,<br>Administrative  |
| <b>GTDMIS</b>         | <b>GTD Bioassay System</b><br>Mike Waters, (919) 541-2537<br><b>Hardware:</b> IBM PC<br><b>Software:</b><br><b>Keywords:</b> Physical-Chemical Properties; Chemical;<br>Chemical Use; Biological; Health Effects   |
| <b>TASKSHE<br/>ET</b> | <b>Gulf Breeze Task Sheet Information Management System</b><br>Russell H. Ryder, (904) 932-5311<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Management Planning  |
| <b>HEHP</b>           | <b>Hazardous Pollutants Research</b><br>Bob Dyer, (919) 541-2760<br><b>Hardware:</b> IBM 3090, Dec 11/780, IBM PC<br><b>Software:</b> Cobol, Fortran, SAS, dBASE, Lotus 1,2,3<br><b>Keywords:</b> Biological; Population, Human; Health Effects;<br>Chemical; Population, Nonhuman |
| <b>HWSD</b>           | <b>Hazardous Waste Site Data Base (Indicator Parameters)</b><br>Steve Gardner, (702) 798-2580<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Ground Water, Hazardous Substances; Waste; Site   |
| <b>HSIRS</b>          | <b>Health and Safety Inspection Report System</b><br>Walter Galloway, (702) 798-2596<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Inspection; Health; Safety; Toxic; Substance;<br>Control; Fire; Protection                                       |

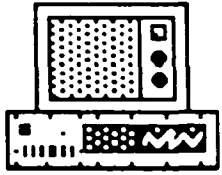


# **EPA Information Systems**

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| CLCL    | <b>HERL-RTP Cleans Clever Clinical Studies</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Dec 11/780, Other<br><b>Software:</b> Fortran, SAS, Assembler, PL-1<br><b>Keywords:</b> Population, Human; Exposure; Biological; Health Effects |
| HFOS    | <b>HERL-RTP Forced Oscillation System</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Population, Human; Exposure; Health Effects   |
| HGAS    | <b>HERL-RTP Gas/Aerosol System</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Exposure; Population, Human; Health Effects  |
| INVITRO | <b>HERL-RTP In Vitro System</b><br>Larry Claxton, (919) 541-2329<br><b>Hardware:</b> Dec 11/780, IBM PC<br><b>Software:</b> Focus, Fortran, Basic<br><b>Keywords:</b> Test/Analysis Method; Biological; Health Effects                            |
| HMIS    | <b>HERL-RTP Management Information System</b><br>Ann Akland, (919) 541-2883<br><b>Hardware:</b> Other, Dec 11/780, IBM 3090<br><b>Software:</b> Focus, Fortran, 20/20, MASS-II<br><b>Keywords:</b> Management Information; Personnel; Budget      |
| MORT    | <b>HERL-RTP Mortality Data Base</b><br>Wilson Riggan, (919) 541-7540<br><b>Hardware:</b> Dec 11/780, IBM 3090<br><b>Software:</b> Fortran, SAS<br><b>Keywords:</b> Geographic Codes; Population, Human; Health Effects                            |

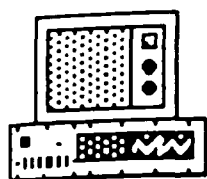


# **EPA Information Systems**

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| <b>HPLX</b>           | <b>HERL-RTP Plexiglas System</b><br>John O'Neil, (919) 541-2602<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Population, Human; Exposure; Biological; Health Effects   |
| <b>REIT</b>           | <b>HERL-RTP Reiter Maze System</b><br>Dr. Karen Dean, (919) 541-5037<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Biological; Health Effects; Population, Nonhuman  |
| <b>HTRN</b>           | <b>HERL-RTP Training System</b><br>John O'Neil, (919) 541-2602<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Population, Human; Exposure; Health Effects  |
| <b>HVLD</b>           | <b>HERL-RTP Validation System</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> DEC DBMS, DATATRIEVE, PL-1,<br><b>Keywords:</b> Exposure; Population, Human; Health Effects  |
| <b>VAN</b>            | <b>HERL-RTP Van System</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Exposure; Population, Human; Health Effects   |
| <b>HELP<br/>MODEL</b> | <b>Hydrologic Evaluation of Landfill Performance Model</b><br>Robert Landreth, (513) 684-7836<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran IV, TSO<br><b>Keywords:</b> Model; Test/Analysis Method; Environmental Effects; Environmental Releases; Climate; Site |

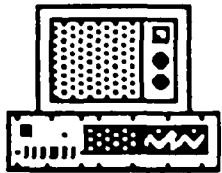


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| <b>HSPF9</b>         | <b>Hydrologic Simulation Program-Fortran</b><br>Tom Barnwell, (404) 546-3210<br><b>Hardware:</b> IBM Logical Mainframe/Other, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water; Chemical; Model, Bod; Dissolved Oxygen; Nutrients; Toxic Substances      |
| <b>ICE<br/>MODEL</b> | <b>Industrial Combustion Emissions Model</b><br>J. David Mobley, (919) 541-2612<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Fortran, Wylbur<br><b>Keywords:</b> Economic; Environmental Releases; Manufacturing   |
| <b>IPMN</b>          | <b>Inhalable Particulate Network</b><br>David Hinton, (919) 541-3075<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> System 2000<br><b>Keywords:</b> Air 14 Metals; Mass; Inorganics  |
| <b>IRIS</b>          | <b>Integrated Risk Information System</b><br>Linda Tuxen, (202) 382-5949<br><b>Hardware:</b> Prime<br><b>Software:</b> DIALCOM ELECTRONIC PUBLICATIONS<br><b>Keywords:</b> Environmental Effects; Health Effects;<br>Physical-Chemical Properties; Chemical;                 |
| <b>ITSS</b>          | <b>Integrated Technical Support Services System</b><br>Gary L. Johnson, (919) 541-7612<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> DBMS, System 2000, Fortran<br><b>Keywords:</b> Quality Assurance; Quality Control; Project Scheduling; Project Management Data |
| <b>WHO-WM<br/>O</b>  | <b>International Air Data Base</b><br>Gardner Evans, (919) 541-3887<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b><br><b>Keywords:</b> Air; Weather Observations   |



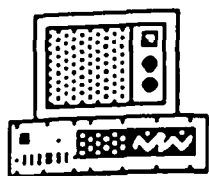
# **EPA Information Systems**

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| <b>LMIS</b>   | <b>Laboratory Management Information System</b><br>Warren Schwartz, (513) 569-7956<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III+<br><b>Keywords:</b> Administration; Program Management; Project Management;                                      |
| <b>LVS</b>    | <b>Laboratory Ventilation Data System</b><br>Robert Coulter, (702) 798-2621<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Lotus 1,2,3<br><b>Keywords:</b> Monitoring, Air Quality; Air Pressure  |
| <b>LAMS</b>   | <b>Lake Analysis Management System</b><br>William Richardson, (313) 675-7704<br><b>Hardware:</b> IBM 3090, IBM PC, Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water; Site Characteristics; Biological; Physical; Chemical; Sediment        |
| <b>LACS</b>   | <b>Los Angeles Catalytic Study</b><br>Charles Rodes, (919) 541-3076<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> COBOL<br><b>Keywords:</b> Air 7 Criteria Naaqs   |
| <b>CANAL</b>  | <b>Love Canal &amp; Data Handling System</b><br>Tom Lawless, (919) 541-2291<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> System 2000<br><b>Keywords:</b> Ground Water; Sediment; Soil; Surface Water; Rivers; Streams; B Areas; Tissue Rats; Worms; |
| <b>MOTRON</b> | <b>MacPhail Motron System</b><br>Robert MacPhail, (919) 541-7833<br><b>Hardware:</b> Other<br><b>Software:</b> Pascal<br><b>Keywords:</b> Biological; Chemical; Exposure; Health Effects; Population, Nonhuman  |



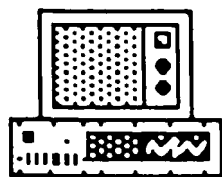


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| MOCS         | <b>MacPhail Operant Chambers</b><br>Robert MacPhail, (919) 541-7833<br><b>Hardware:</b> Other<br><b>Software:</b> SUPERSKED<br><b>Keywords:</b> Biological; Chemical; Exposure; Health Effects;<br>Population, Nonhuman   |
| MRAM         | <b>MacPhail Radial Arm Maze</b><br>Robert MacPhail, (919) 541-7833<br><b>Hardware:</b> Other<br><b>Software:</b> SUPERSKED<br><b>Keywords:</b> Biological; Chemical; Exposure; Health Effects;<br>Population, Nonhuman  |
| FSOD         | <b>MERL-Cinci Field Scale Organics (IBM)</b><br>Susan Campbell, (513) 684-7426<br><b>Hardware:</b> Other, IBM PC, IBM Logical Mainframe/Other<br><b>Software:</b> SAS, Basic<br><b>Keywords:</b> Chemical; Model; Processing;<br>Treatment/Disposal; Ground Water; Drinking             |
| MEXAMS       | <b>Metals Exposure Analysis Modeling System</b><br>Robert B. Ambrose, (404) 546-3546<br><b>Hardware:</b> Dec 11/70, IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Chemical; Environmental Effects   |
| MSRM         | <b>Mixture and Systemic Toxicant Risk Model</b><br>Richard Hertzberg, (513) 569-7582<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> SAS, Fortran, Basic<br><b>Keywords:</b> Model; Body Burden; Population, Human; Health<br>Effects; Population, Nonhuman, Statistics;       |
| MULTIME<br>D | <b>Multimedia Exposure Assessment Model for Evaluating the</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Environmental Releases; Health Effects; Ground<br>Water; Soil; Surface Water; Chemical; Exposure; |

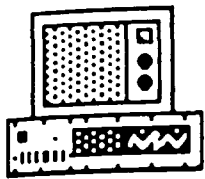


# **EPA Information Systems**

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| <b>IMAGERY</b>             | <b>Multispectral Scanner and Photographic Imagery</b><br>Thomas Mace, (702) 798-2260<br><b>Hardware:</b> Other<br><b>Software:</b> dBASE II/CPM<br><b>Keywords:</b> Remote; Sensing; Aircraft; Satellite  |
| <b>MUSWTC</b><br><b>H</b>  | <b>Mussel Watch</b><br>D.K. Phelps, (401) 782-3077<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> DATMAN<br><b>Keywords:</b> Mussels; Oyster; Tissue Residues  |
| <b>NAPAP</b>               | <b>National Acid Precipitation Program Emission Inventories</b><br>J. David Mobley, (919) 541-2612<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Cobol, Fortran, SAS<br><b>Keywords:</b> Environmental Releases; Discharge Points;<br>Non-Point Source; Monitoring; Geographic |
| <b>NES</b><br><b>PHYTO</b> | <b>National Phytoplankton Data Base (in Lakes)</b><br>Victor Lambou, (702) 798-2259<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran IV<br><b>Keywords:</b> Biological, Surface; Water Lakes; Phytoplankton   |
| <b>ORDIS</b>               | <b>Office of Research and Development Information Systems</b><br>Paul Thorpe, (202) 382-7466<br><b>Hardware:</b> IBM 3090, IBM PC, Prime<br><b>Software:</b> Cobol, dBASE III, INFO<br><b>Keywords:</b> Evaluation; Program, Planning; R&d,<br>Administrative; Budget; Management       |
| <b>HEOX</b>                | <b>Oxidants</b><br>Richardson Dickerson, (919) 541-2909<br><b>Hardware:</b> IBM 3090, Dec 11/780, IBM PC<br><b>Software:</b> SAS, Fortran, Cobol, dBASE, Lotus 1,2,3<br><b>Keywords:</b> Biological; Exposure; Population, Human; Health<br>Effects; Population, Nonhuman               |

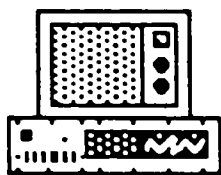


# **EPA Information Systems**

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| PRZM   | <b>Pesticide Root Zone Model</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Ground Water; Soil; Surface Water; Model;<br>Non-Point Source  |
| PESTAN | <b>Pesticides Analytical Transport Solution</b><br>David M. Walters, (405) 332-8800<br><b>Hardware:</b> Dec 11/70, Dec 11/780, IBM PC<br><b>Software:</b> Fortran IV ('77)<br><b>Keywords:</b> Environmental Effects; Physical-Chemical<br>Properties; Transformation Rates; Chemical; |
| HEPS   | <b>Pesticides Research</b><br>Robert R. Payne, (919) 541-2330<br><b>Hardware:</b> IBM 3090, Dec 11/780, IBM PC<br><b>Software:</b> SAS, Fortran, dBASE, Lotus 1,2,3<br><b>Keywords:</b> Biological; Health Effects; Population,<br>Nonhuman  |
| PDAS   | <b>Physiological Data Acquisition System</b><br>John O'Neil, (919) 966-6200<br><b>Hardware:</b> Other, Dec 11/780<br><b>Software:</b> Fortran, Assembler<br><b>Keywords:</b> Exposure; Population, Human; Health Effects   |
| PEARL  | <b>Portable Environmental Assessment and Research</b><br>Dave Otto, (919) 966-6226<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Biological; Exposure; Population, Human; Health<br>Effects  |
| PARS   | <b>Precision and Accuracy Reporting System</b><br>Thomas Lawless, (919) 541-2291<br><b>Hardware:</b> IBM 3090<br><b>Software:</b><br><b>Keywords:</b>  |



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| <b>PROF</b> | <b>Premixed One-dimensional Flame Code</b><br>Robert E. Hall, (919) 541-2477<br><b>Hardware:</b> IBM 3090, Sperry 1100/82, Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Nitrogen Oxides; Fundamental Combustion |
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| <b>PIC</b> | <b>Pressurized Ion Chamber</b><br>Norm Sunderland, (702) 798-2538<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III, Fortran<br><b>Keywords:</b> Emissions; Radioactive; Gamma; Dose |
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|  | <b>Public Health Aspects of Viruses in Water</b><br>Elmer Akin, (513) 684-7401<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Surface Water; Health Effects; Drinking Water |
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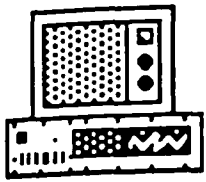
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| <b>PUBINQ</b> | <b>Public Inquiry System</b><br>Donald Wruble, (702) 798-2530<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus 4th GL, DCL<br><b>Keywords:</b> Administrative, Public Inquiry |
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| <b>POS</b> | <b>Purchase Order System</b><br>Bonita Ronshaugen, (702) 798-2557<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus, DCL<br><b>Keywords:</b> Purchasing, Administrative |
|------------|--|

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| <b>QCSDS</b> | <b>Quality Control Sample Distribution</b><br>Paul Britton, (513) 569-7325<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Quality Control Sample; Distribution |
|--------------|--|

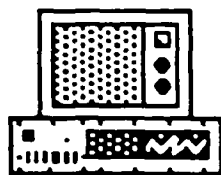


# **EPA Information Systems**

## *Office of Research and Development (ORD)*

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| <b>RAD</b>            | <b>Radiation</b><br>Richard Phillips, (919) 541-2771<br><b>Hardware:</b> IBM 3090, Sperry 1100/82, IBM PC<br><b>Software:</b> SAS, Fortran, Basic, dBASE, Lotus 1,2,3<br><b>Keywords:</b> Biological; Health Effects; Population,<br>Nonhuman, Radiation |
| <b>RADIO<br/>CHEM</b> | <b>Radio Chemistry Programs for Radiation Calculations</b><br>John Moore, (702) 798-2300<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b><br><b>Keywords:</b>  |
| <b>RECEIV-II</b>      | <b>Receiving Water Model</b><br>Robert B. Ambrose, (404) 546-3585<br><b>Hardware:</b> IBM 3090, Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water; Chemical Use; Model   |
| <b>RITZ</b>           | <b>Regulatory and Investigative Treatment Zone Model</b><br>Tom Short, (405) 332-8800<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Turbo Pascal<br><b>Keywords:</b> Environmental Effects; Physical-Chemical<br>Properties; Test/Analysis Method;      |
| <b>RACS</b>           | <b>Reiter Acoustic Startle</b><br>Robert MacPhail, (919) 541-7833<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Biological; Health Effects; Population,<br>Nonhuman  |
| <b>RUSTIC</b>         | <b>Risk of Unsaturated/Saturated Transport and</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Ground Water; Soil; Chemical; Exposure; Model;<br>Drinking Water               |

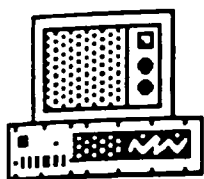


# **EPA Information Systems**

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| <b>SPS</b>    | <b>Safety Plan System</b><br>Walter Galloway, (702) 798-2596<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBASE III<br><b>Keywords:</b> Chemical, Name; Gas; Number; Personnel  |
| <b>STDMS</b>  | <b>Sample Tracking and Data Management System</b><br>John Moore, (702) 798-2303<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Smartstar, Fortran<br><b>Keywords:</b> Soil; Ground Water; Drinking Water; Monitoring, Air; Milk; Food; Vegetation; Urine; Tissue        |
| <b>SWAG</b>   | <b>Simulated Waste Access To Ground Water</b><br>David M. Walters, (405) 332-8800<br><b>Hardware:</b> Dec 11/70, Dec 11/780<br><b>Software:</b> Fortran ('77)<br><b>Keywords:</b> Environmental Effects; Physical-Chemical Properties; Transformation Rates; Surface Water; |
| <b>5SEG</b>   | <b>Spatially Segmented Phytoplankton Model</b><br>John F. Paul, (401) 782-3037<br><b>Hardware:</b> Dec 11/70, Dec 11/780<br><b>Software:</b><br><b>Keywords:</b> Surface Water; Model, Nutrients; Phytoplankton   |
| <b>SWMM4</b>  | <b>Storm Water Management Model</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Surface Water; Model; Non-Point Source   |
| <b>QUAL2E</b> | <b>Stream Quality Model</b><br>Tom Barnwell, (404) 546-3210<br><b>Hardware:</b> IBM 3090, IBM PC, Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Surface Water; Chemical; Model   |



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**STARA**      **Studies on Toxicity Applicable to Risk Assessment**  
Richard Hertzberg, (513) 569-7582  
**Hardware:** IBM 3090  
**Software:** SAS, Fortran  
**Keywords:** Model; Population, Human; Health Effects;  
Population, Nonhuman, Graphics; Physiological

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**SARAH2**      **Surface Water Assessment Model for Back-calculating**  
Robert Ambrose, (404) 546-3130  
**Hardware:** IBM PC, Other  
**Software:** Fortran 77  
**Keywords:** Environmental Releases; Surface Water; Model;  
Non-Point Source; Point Source;

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**SM/HD**      **Survey Meter and Historical Dosimetry Data Base**  
Norm Sunderland, (702) 798-2538  
**Hardware:** Dec 11/780  
**Software:** RIM, Smartstar, Fortran  
**Keywords:** Gamma; Radiation

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**TIX**      **Technical Information Exchange: Case History File; Library**  
Hugh Masters, (201) 321-6678  
**Hardware:** IBM PC  
**Software:** dBase II  
**Keywords:** Environmental Effects; Ground Water; Soil;  
Surface Water; Chemical; Population, Human;

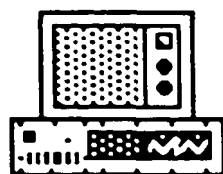
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**TIP**      **Technical Information Publication**  
Faye Bromar, (702) 798-2566  
**Hardware:** Dec 11/780  
**Software:** Focus, DCL  
**Keywords:** Monitoring, Processing, Publications

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**TCAS**      **Telephone Call Analysis System**  
Mark Madsen, (702) 798-2603  
**Hardware:** Other  
**Software:** INFORM  
**Keywords:** Telephone; Calls

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# **EPA Information Systems**

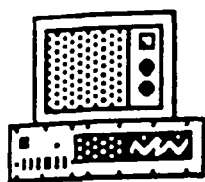
## *Office of Research and Development (ORD)*

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| <b>TEEAM</b>   | <b>Terrestrial Envireonmental Exposure Assessment Model</b><br>Robert Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM PC, Other<br><b>Software:</b> Fortran 77<br><b>Keywords:</b> Environmental Effects; Ground Water; Soil;<br>Surface Water; Chemical; Exposure; Model; Body |
| <b>TLD</b>     | <b>Thermoluminescent Dosimetry Data Base</b><br>Norm Sunderland, (702) 798-2538<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Thermoluminescent; Dosimeters  |
| <b>PLUME3D</b> | <b>Three-Dimensional Plumes in Uniform Ground Water Flow</b><br>Joe Williams, (405) 332-8800<br><b>Hardware:</b> Dec 11/70, Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Physical-Chemical<br>Properties; Transformation Rates; Chemical;  |
|                | <b>Time-Dependent, Three-Dimensional Transport Model</b><br>John F. Paul, (401) 782-3037<br><b>Hardware:</b> IBM 3090, Dec 11/780, Sperry 1100/82<br><b>Software:</b><br><b>Keywords:</b> Surface Water; Exposure; Model; Physical,<br>Estuarine; Marine; Physical Transport    |
|                | <b>Time-Dependent, Three-Dimensional, Variable-Density</b><br>John F. Paul, (401) 782-3037<br><b>Hardware:</b> IBM 3090, Dec 11/780, Sperry 1100/82<br><b>Software:</b><br><b>Keywords:</b> Surface Water; Exposure; Model; Physical,<br>Estuarine; Marine; Hydrodynamics       |
| <b>HETC</b>    | <b>Toxic Substances Research</b><br>Robert R. Payne, (919) 541-2330<br><b>Hardware:</b> IBM 3090, Dec 11/780, IBM PC<br><b>Software:</b> SAS, Fortran, Lotus 1,2,3<br><b>Keywords:</b> Biological; Health Effects; Population,<br>Nonhuman                                      |

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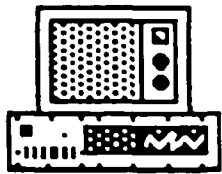


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| <b>PLUME2D</b>  | <b>Two-Dimensional Plumes in Uniform Ground Water Flow</b><br>Joe Williams, (405) 332-8800<br><b>Hardware:</b> Dec 11/70, Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Physical-Chemical Properties; Transformation Rates; Chemical;    |
| <hr/>           |  |
| <b>UPCONE</b>   | <b>Upconing of a Salt-Water/Fresh Water Interface Below A</b><br>Joe Williams, (405) 332-8800<br><b>Hardware:</b> Dec 11/70, Dec 11/780<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Physical-Chemical Properties; Transformation Rates; Chemical; |
| <hr/>           |  |
| <b>TOXFLO</b>   | <b>Urban Wastewater Toxics Flow Model</b><br>Lewis Rossman, (513) 684-7603<br><b>Hardware:</b> Dec 11/70, Sperry 1100/82<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Releases; Surface Water; Economic; Model; Treatment/Disposal, Pretreatment; Toxic     |
| <hr/>           |  |
| <b>VIEW</b>     | <b>Visibility Investigative Experiment in the West</b><br>Marc Pitchford, (702) 798-2363<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Air; Spatial; Temporal; Dynamics; Visibility; Impairment  |
| <hr/>           |  |
| <b>VISITORS</b> | <b>Visitors Tracking System</b><br>Robin Shoemaker, (702) 798-2522<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus 4th GL, DCL<br><b>Keywords:</b> Visitors, Administrative   |
| <hr/>           |  |
| <b>WIC</b>      | <b>Warehouse Inventory Control System</b><br>Karen Miller, (702) 798-2575<br><b>Hardware:</b> Dec 11/780<br><b>Software:</b> Focus, DCL<br><b>Keywords:</b> Administrative, Inventory Control  |

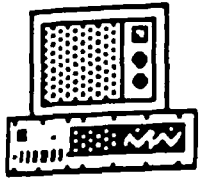


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| <b>WHWTD</b>  | <b>Water &amp; Hazardous Waste Treatability Database</b><br>Kenneth Dostal, (513) 569-7503<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III+, Clipper<br><b>Keywords:</b> Physical-Chemical Properties; Test/Analysis Method; Ground Water; Surface Water; Chemical;                      |
| <b>WP</b>     | <b>Water Pollution Lab Performance Evaluation Studies</b><br>Paul Britton, (513) 569-7325<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> VS Fortran<br><b>Keywords:</b> Lab Performance Evaluation  |
| <b>WQMSGL</b> | <b>Water Quality Modeling System for the Great Lakes</b><br>William Richardson, (313) 675-7704<br><b>Hardware:</b> Other, IBM 3090, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Model; Chemical; Biological; Population, Nonhuman; Sediment,                    |
| <b>WASP4</b>  | <b>Water Quality Analysis Simulation Program, Version 4</b><br>Robert B. Ambrose, (404) 546-3130<br><b>Hardware:</b> IBM Logical Mainframe/Other, IBM PC<br><b>Software:</b> Fortran, Wylbur<br><b>Keywords:</b> Model; Chemical; Sediment, Conventional Pollutants; Ambient Water Quality Models |
| <b>WS</b>     | <b>Water Supply Evaluation Studies Lab Performance</b><br>Paul Britton, (513) 569-7325<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> VS Fortran<br><b>Keywords:</b> Drinking Water, Lab Performance Evaluation   |
| <b>WSSM</b>   | <b>Water Supply Simulation Model</b><br>James Goodrich, (513) 684-7605<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model, Distribution; Infrastructure   |



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**WFPM**

**Western Fine Particulate Monitoring**

Marc Pitchford, (702) 798-2363

**Hardware:** Dec 11/70

**Software:** Fortran

**Keywords:** Monitoring, Air; Particles

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**WBC**

**Whole-Body Count and Bioassay**

Norm Sunderland, (702) 798-2538

**Hardware:** IBM PC

**Software:** Fortran, dBASE III

**Keywords:** Tissue; Human; Whole; Body; Urine;  
Radionuclides; Gamma; Cs137; K-40; I-131; I-133;

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**WPISDC**

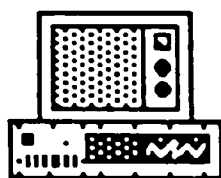
**Wisconsin Power Plant Impact Study Data Center**

Gordon Chester, (608) 262-3838

**Hardware:** Sperry 1100/82

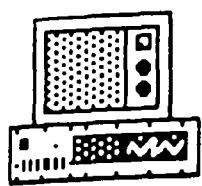
**Software:** Fortran

**Keywords:** Environmental Effects; Environmental Releases;  
Point Source; Surface Water; Population,



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*Office of Air & Radiation (OA&R)*

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| <b>PRESTO-E<br/>PA</b> | <b>A Low-Level Radioactive Waste Environmental Transport</b><br>Cheng-Yeng Hung, (202) 475-9633<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Population; Human; Health Effects;<br>Ground Water; Surface Water; Drinking Water, |
| <b>AIRS</b>            | <b>Aerometric Information Retrieval System</b><br>John Bosch, (919) 541-5583<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADATABASE, Natural, COBOL<br><b>Keywords:</b> Air Monitoring; Trends Reports;  |
| <b>TSDF</b>            | <b>Air Emissions from Treatment Storage and Disposal</b><br>Randy McDonald, (919) 541-5671<br><b>Hardware:</b> IBM 3090, IBM PC<br><b>Software:</b><br><b>Keywords:</b> Treatment/Disposal; Storage; Site<br>Characteristics; Point Source; Geographic Codes;                  |
| <b>AQDHS</b>           | <b>Air Quality Data Handling System II</b><br>John Bosch, (919) 541-5582<br><b>Hardware:</b> Other<br><b>Software:</b> AQDHS II(CDHS), MIDS<br><b>Keywords:</b> Compliance; Monitoring, Air  |
| <b>AIRSVL</b>          | <b>Air Significant Violators System</b><br>Larry Kertcher, (312) 353-2081<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO Language<br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Compliance; Monitoring   |
| <b>ERFD</b>            | <b>Airborne Particulate and Precipitation Data</b><br>Gerry Luster, (205) 272-3403<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Air; Atmospheric Deposition   |

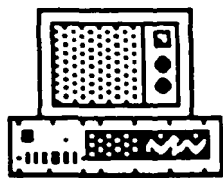


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| <b>AQSY</b> | <b>Ann Arbor Air Quality System</b><br>Mark Wolcott, (313) 668-4219<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Transportation   |
| <hr/>       |   |
| <b>APGR</b> | <b>Ann Arbor AP-42 Program</b><br>Terry Newell, (313) 668-4462<br><b>Hardware:</b> IBM Logical Mainframe/Other, Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Transportation                             |
| <hr/>       |   |
| <b>CIDB</b> | <b>Ann Arbor Certification Information and Fuel Economy Data</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> MICRO-DBMS<br><b>Keywords:</b> Test/ Analysis Method; Compliance;<br>Transportation          |
| <hr/>       |   |
| <b>ECHD</b> | <b>Ann Arbor ECTD Heavy Duty System</b><br>Thomas Baines, (313) 668-4366<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Test/ Analysis Method  |
| <hr/>       |   |
| <b>EDTS</b> | <b>Ann Arbor Evaluation and Development Test System</b><br>Stan Syria, (313) 668-4495<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Transportation                                   |
| <hr/>       |   |
| <b>IUTD</b> | <b>Ann Arbor In-Use Test Data System</b><br>Terry Newell, (313) 668-4462<br><b>Hardware:</b> Other<br><b>Software:</b> University of Michigan DBMS-MICRO<br><b>Keywords:</b> Environmental Effects; Transportation, Emission<br>Factors |



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| <b>LCS</b> | <b>Ann Arbor Laboratory Computer System</b><br>C. Don Paulsell, (313) 668-4255<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran ('66)<br><b>Keywords:</b> Environmental Releases; Test/Analysis Method;<br>Compliance; Non-Point Source |
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| <b>CERTAPPL</b> | <b>Applications for Certification</b><br>Judy Carmickle, (313) 668-4440<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Test/Analysis Method; Compliance;<br>Transportation |
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| <b>ALT-SEA</b> | <b>Assembly Line Test and Selective Enforcement Audit Data</b><br>Mary T. Smith, (202) 382-2500<br><b>Hardware:</b> Other<br><b>Software:</b> MICRO DBMS on MTS<br><b>Keywords:</b> Monitoring; Compliance |
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| <b>AIRDOS-E<br/>PA</b> | <b>Atmospheric Dispersion of Radionuclides</b><br>Christopher B. Nelson, (202) 475-9640<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran ('77)<br><b>Keywords:</b> Model; Non-Point Source; Exposure; Health<br>Effects, Airborne Radionuclides |
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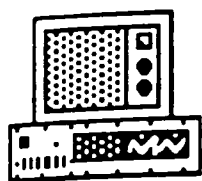
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| <b>BLIS</b> | <b>BACT/LAER Determinations</b><br>Candace Sorrell, (919) 541-2237<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b><br><b>Keywords:</b> Environmental Releases; Discharge Points, Air;<br>Emissions |
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| <b>CAIRD</b> | <b>Cohort Analysis of Increased Risks of Deaths Model</b><br>Christopher Nelson, (202) 475-9640<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Population; Human; Health Effects, Risk<br>Assessment |
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| <b>CDS</b> | <b>Compliance Data System</b><br>Howard Wright, (202) 475-7034<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> COBOL<br><b>Keywords:</b> Stationary Sources of Air Pollution; Compliance |
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| <b>CDS</b> | <b>Compliance Data System</b><br>Howard F. Wright, (202) 475-7034<br><b>Hardware:</b> IBM 3090, IBM Logical Mainframe/Other<br><b>Software:</b> COBOL<br><b>Keywords:</b> Environmental Effects; Compliance; Population, Human; Geographic Codes; Manufacturing; |
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| <b>RCS</b> | <b>Computer Timesharing Resource Control System</b><br>Mitch Cumberworth, (313) 668-4342<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Administrative; System Costs; Computer Usage |
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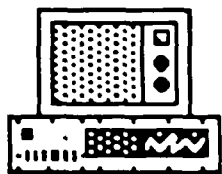
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| <b>DARTAB</b> | <b>Dose and Risk Assessment Tabulation</b><br>Christopher B. Nelson, (202) 475-9640<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran<br><b>Keywords:</b> Health Effects; Biological; Population; Human, Radiation; Dose; Exposure; Genetic |
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| <b>EERF</b> | <b>Eastern Environmental Radiation Facilities (EERF) Sample</b><br>Jon Broadway, (205) 272-3403<br><b>Hardware:</b> Other<br><b>Software:</b> EPA Software<br><b>Keywords:</b> Soil; Population; Human; Drinking Water; Surface Water; Ground Water; Population, Nonhuman, |
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| <b>EIS/PS&amp;A<br/>S</b> | <b>Emission Inventory Subsystem/Point Source and Area</b><br>John Bosch, (919) 541-5694<br><b>Hardware:</b> Other<br><b>Software:</b> EIS/P&R (CDHS), MIDS<br><b>Keywords:</b> Environmental Releases; Compliance; Monitoring, Air; Reporting |
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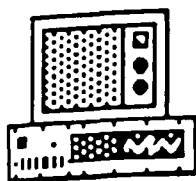
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| <b>ECDB</b>    | <b>Emissions Certification Data Base</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, MICRO DBMS<br><b>Keywords:</b> Emissions; Air Pollution; Compliance;<br>Certification; Corporate Average Fuel Economy                           |
| <b>ERAMS</b>   | <b>Environmental Radiation Ambient Monitoring System</b><br>Jon Broadway, (205) 272-3403<br><b>Hardware:</b> Other<br><b>Software:</b> EPA Software<br><b>Keywords:</b> Surface Water; Soil; Monitoring; Drinking Water;<br>Sediment; Ground Water, Environmental Releases, |
| <b>ERDB</b>    | <b>Environmental Radiofrequency Data Base</b><br>R. A. Tell, (702) 798-2440<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Population; Human; Monitoring; Health Effects,<br>Radiofrequency  |
| <b>CASEREP</b> | <b>Field Office Inspection Data Base</b><br>George Lawrence, (202) 382-3221<br><b>Hardware:</b> Other, Prime<br><b>Software:</b> MICRO DBMS on MTS; INFO on PRIME<br><b>Keywords:</b> Compliance  |
| <b>FFARS</b>   | <b>Fuel and Fuel Additives Registration System</b><br>Peter Lidiak, (202) 382-2637<br><b>Hardware:</b> Other<br><b>Software:</b> VAX RDB (under VMS) and VAX Datatrieve<br><b>Keywords:</b> Chemical; Fuel  |
| <b>LDSFE</b>   | <b>Fuel Economy</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran/MTS<br><b>Keywords:</b> Test/Analysis Method; Compliance;<br>Transportation   |

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# EPA Information Systems

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FUELDB

**Fuels Inspection Data Base**

John Holley, (202) 382-2637

**Hardware:** IBM 3090

**Software:** System 2000

**Keywords:** Compliance; Transportation

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**General Radiation Health Impact Evaluation**

D. Norwood, (205) 272-3402

**Hardware:** Other

**Software:** EPA Software

**Keywords:** Population; Human; Exposure; Health Effects;  
Drinking Water, Radiation; Radon; Gamma

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HDECERT

**Heavy-Duty Engine Certification Data**

Tom Ball, (313) 668-4280

**Hardware:** Other

**Software:** Fortran, Micro DBMS

**Keywords:** Test/Analysis Method; Compliance;  
Transportation

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REPRISK

**High Level Radioactive Waste-Repository Risk Model**

Daniel Egan, (202) 475-9633

**Hardware:** IBM 3090

**Software:** Fortran ('77)

**Keywords:** Environmental Releases; Environmental Effects;  
Model; Treatment/Disposal; Health Effects,

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WESPDOS  
E2

**High Level Radioactive Waste Risk Model Environmental**

Michael Smith, (205) 272-3402

**Hardware:** Other

**Software:** Fortran

**Keywords:** Population; Human; Surface Water; Soil,  
Environmental Transport; Risk; Radiation;

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IDBS

**Imports Data Base**

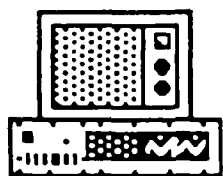
Mary T. Smith, (202) 382-2500

**Hardware:** Prime

**Software:** INFO

**Keywords:** Compliance; Transportation

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# **EPA Information Systems**

## *Office of Air & Radiation (OA&R)*

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|             |   |
|-------------|---|
| <b>IUTA</b> | <b>In-Use Technology Assessment</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> Micro DBMS, Fortran<br><b>Keywords:</b> Test/Analysis Method; Compliance;<br>Transportation |
|-------------|---|

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|              |   |
|--------------|---|
| <b>IUFED</b> | <b>In-Use Vehicle Fuel Economy Data</b><br>Karl Hellman, (313) 668-4246<br><b>Hardware:</b> Other<br><b>Software:</b> FORTRAN<br><b>Keywords:</b> Climate; Exposure; Model; Geographic Codes;<br>Geographic Coordinates; Transportation |
|--------------|---|

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|              |  |
|--------------|--|
| <b>OZIPP</b> | <b>Kinetics Model and Ozone Isopleth Plotting Package</b><br>Keith Baugues, (919) 541-5522<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Fortran, Calcomp Plotter<br><b>Keywords:</b> Model Ozone |
|--------------|--|

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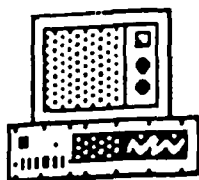
|            |   |
|------------|---|
| <b>LNS</b> | <b>Laboratory Network System</b><br>John J. Kargul, (313) 668-4386<br><b>Hardware:</b> IBM PC, Other, 9,<br><b>Software:</b> Fortran-77, C, Pascal, Basic<br><b>Keywords:</b> 5, 14, 29 |
|------------|---|

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|               |  |
|---------------|--|
| <b>LDPHDN</b> | <b>Lead Additive Report for Refineries and Importers and for</b><br>Cynthia Burke, (202) 382-2637<br><b>Hardware:</b> Other<br><b>Software:</b> MICRO DBMS on MTS<br><b>Keywords:</b> Compliance; Processing |
|---------------|--|

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|            |   |
|------------|---|
| <b>LDS</b> | <b>Light-Duty Vehicle/Truck Certification</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Test/Analysis Method; Compliance;<br>Transportation |
|------------|---|



# **EPA Information Systems**

## *Office of Air & Radiation (OA&R)*

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|             |  |
|-------------|--|
| <b>MAPC</b> | <b>Manpower Model for Control Agencies</b><br>Donald R. Smith, (919) 541-5526<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Fortran, Cobol<br><b>Keywords:</b> Model; Population, Human; Monitoring; Point Source |
|-------------|--|

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|  |   |
|--|---|
|  | <b>Maxey Flats Data File</b><br>G. Lewis Meyer, (703) 475-9633<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> SAS, Fortran<br><b>Keywords:</b> Treatment/Disposal, Radioactivity; Low-Level Waste |
|--|---|

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|                |  |
|----------------|--|
| <b>MAXDOSE</b> | <b>Maximum Individual Dose Model</b><br>Daniel Egan, (202) 475-9633<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Fortran, IMSL<br><b>Keywords:</b> Environmental Releases; Model; Health Effects, Nuclear Waste; Radiation |
|----------------|--|

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|               |  |
|---------------|--|
| <b>MDAAQS</b> | <b>Miscellaneous Data Analysis and Air Quality Simulation</b><br>Keith Baugues, (919) 541-5522<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Cobol, Fortran<br><b>Keywords:</b> Model; Monitoring |
|---------------|--|

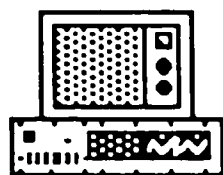
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|             |  |
|-------------|--|
| <b>MESS</b> | <b>Model Evaluation Support System</b><br>Jerome Mersch, (919) 541-5635<br><b>Hardware:</b> Sperry 1100/82, IBM 3090, IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Model; Point Source, Air Quality; Emissions; Meteorological; Dispersion |
|-------------|--|

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|             |   |
|-------------|---|
| <b>MVTS</b> | <b>Motor Vehicle Tampering Survey</b><br>John Holley, (202) 382-2637<br><b>Hardware:</b> Other<br><b>Software:</b> MICRO DBMS on MTS<br><b>Keywords:</b> Monitoring; Transportation |
|-------------|---|

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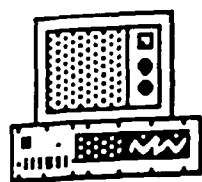
# **EPA Information Systems**

## *Office of Air & Radiation (OA&R)*

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|                      |   |
|----------------------|---|
| <b>MOCERT</b>        | <b>Motorcycle Certification Data</b><br>Tom Ball, (313) 668-4280<br><b>Hardware:</b> Other<br><b>Software:</b> Fortran, Micro-DBMS<br><b>Keywords:</b> Test/Analysis Method; Compliance;<br>Transportation  |
| <b>NAMS/MI<br/>S</b> | <b>National Air Monitoring Stations Management Information</b><br>Dennis Shipman, (919) 541-5651<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> Commercial Software, System 2000<br><b>Keywords:</b> Monitoring; Compliance; Environmental Releases,<br>Air Quality |
| <b>NATICH</b>        | <b>National Air Toxics Information Clearinghouse</b><br>John Vandenberg, (919) 541-5352<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS, NATURAL<br><b>Keywords:</b> Environmental Releases; Test/Analysis Methods;<br>Exposure; discharge Points; Monitoring;      |
| <b>NEDS</b>          | <b>National Emissions Data System</b><br>John Bosch, (919) 541-5583<br><b>Hardware:</b> Sperry 1100/82<br><b>Software:</b> COBOL<br><b>Keywords:</b> Environmental Releases; Point Source; Monitoring<br>Air  |
| <b>NEFTRAN</b>       | <b>Network Flow and Transport</b><br>Daniel J. Egan, (202) 475-9633<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Effects; Health Effects; Ground<br>Water; Model  |
| <b>NSR/PSD</b>       | <b>New Source Review and Prevention of Significant</b><br>Robert Bauman, (919) 629-5628<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Effects; Compliance; Economic;<br>Model; Population, Human; Population,                                   |

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# **EPA Information Systems**

## *Office of Air & Radiation (OA&R)*

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### **Occupational Radiation Data Files**

Allan C.B. Richardson, (202) 475-9620

**Hardware:** IBM 3090

**Software:** Fortran, SAS

**Keywords:** Population; Human; Exposure, Occupational Radiation

---

**PERMDAT  
A**

### **PERMDATA Management System**

Richard D. Hopper, (702) 798-2447

**Hardware:** Other

**Software:** EPA Software

**Keywords:** Air; Radon; Thermoluminescent

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**PRMS**

### **Plans Review Management System**

Bruce Polkowsky, (919) 541-5540

**Hardware:** IBM Logical Mainframe/Other, Sperry 1100/82

**Software:**

**Keywords:** Environmental Releases; Compliance; Monitoring

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**PAID**

### **Plutonium Air Inhalation Dose**

Neal Nelson, (202) 475-9640

**Hardware:** IBM 3090

**Software:** Fortran

**Keywords:** Exposure; Population; Human; Health Effects, Transuranic Radioisotopes

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**RADRISK**

### **Radionuclide Dose Rate/Risk**

Christopher B. Nelson, (202) 475-9640

**Hardware:** IBM 3090

**Software:** Fortran ('77)

**Keywords:** Model; Health Effects, Radiation Health Risk

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**RECALLD  
B**

### **Recall Data Base**

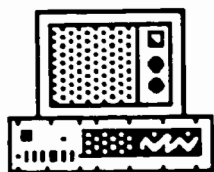
Stewart Romanow, (202) 382-2491

**Hardware:** Other

**Software:** MICRO DBMS on MTS

**Keywords:** Compliance

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# **EPA Information Systems**

## *Office of Air & Radiation (OA&R)*

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**Sample Tracking and Data Management System--Indoor**  
Richard Hopper, (702) 798-2452

**Hardware:** Other

**Software:** STDMS

**Keywords:** Exposure; Population; Human, Radon; Air

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**SAROAD**

Summers Jacob, (919) 541-5247

**Hardware:**

**Software:**

**Keywords:**

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**SAROAD**

**Storage and Retrieval of Aerometric Data /AIRS**

Jacob Summers, (919) 541-5695

**Hardware:** Sperry 1100/82

**Software:** COBOL, ADABAS

**Keywords:** Environmental Releases; Economic; Monitoring Air

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**TRRP**

**Trends Report**

Warren Freas, (919) 541-5558

**Hardware:** Sperry 1100/82, IBM 3090

**Software:** Fortran, Cobol, SAS, Tellagraf

**Keywords:** Monitoring; Compliance; Environmental Releases,  
Air Quality

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**VOLSTOR  
AGE**

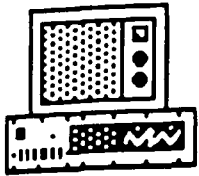
**Volatile Organic Liquid Storage Facilities**

Laura Butler, (919) 541-5578

**Hardware:** Sperry 1100/82

**Software:**

**Keywords:** Storage; Site Characteristics; Production Volume;  
Point Source; Geographic Codes



# **EPA Information Systems**

## *Office of Water (OW)*

301(H)INF  
O

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**301(h) Application Tracking System**  
Barry Borgan, (202) 475-7134  
**Hardware:** IBM PC  
**Software:** dBASE III  
**Keywords:** Discharge Points; Point Source;  
Treatment/Disposal, Municipal Treatment

---

**Annual Report by the United States Environmental**  
Paul Pan, (202) 755-9231  
**Hardware:**  
**Software:**  
**Keywords:** Environmental Releases; Discharge Points, Ocean  
Dumping

---

**Application for Thermal Effluent Variance**  
Jim Gallup, (202) 475-9541  
**Hardware:**  
**Software:**  
**Keywords:** Surface Water; Discharge Points; Monitoring;  
Variance; National Pollutant Discharge

---

**Application for Innovative Pollution Control Technology**  
Jim Gallup, (202) 475-9541  
**Hardware:**  
**Software:**  
**Keywords:** Surface Water; Discharge Points; Monitoring;  
Variance; National Pollutant Discharge

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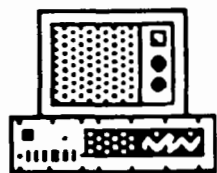
**Application for Nonconventional Pollutant Waiver**  
Geoff Grubbs, (202) 475-9539  
**Hardware:**  
**Software:**  
**Keywords:** Surface Water; Discharge Points; Monitoring;  
Variance; National Pollutant Discharge

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301(H)APP  
S

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**Applications for Variance from Secondary Treatment**  
Barry Borgan, (202) 475-7134  
**Hardware:** IBM PC  
**Software:** dBASE III, Lotus 1-2-3  
**Keywords:** Physical-Chemical Properties; Biological;  
Chemical; Compliance; Discharge Points; Point



# **EPA Information Systems**

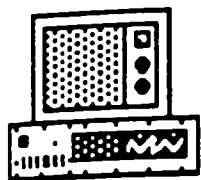
## *Office of Water (OW)*

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|               |   |
|---------------|---|
| <b>BIOS</b>   | <b>Biological Data System</b><br>Terri Hollingsworth, (202) 382-7111<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> PL/I; Assembler<br><b>Keywords:</b> Environmental Effects; Surface Water; Biological;<br>Chemical; Population, Nonhuman; Geographic |
| <b>CAPDET</b> | <b>Computer Assisted Treatment Systems</b><br>Thomas Moran, (202) 382-7274<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> TSO<br><b>Keywords:</b> Economic; Model; Environmental Effects;<br>Production Volume; Treatment/Disposal                      |
| <b>CGPRM</b>  | <b>Construction Grants Resource Model</b><br>Leonard Fitch, (202) 382-5858<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III<br><b>Keywords:</b> Resource Model  |
| <b>CGGICS</b> | <b>Construction Grants GICS</b><br>Jim Hanlon, (202) 382-5837<br><b>Hardware:</b> IBM 3090, Prime<br><b>Software:</b> IRS, Wylbur, TSO, INFO/MIDAS, ADABAS/<br><b>Keywords:</b> Treatment/Disposal, Grants  |
| <b>FRDS</b>   | <b>Federal Reporting Data System</b><br>Lawrence J. Weiner, (202) 382-2799<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> System 2000, COBOL<br><b>Keywords:</b> Public Water Supplies; Compliance; Point Source;<br>Water Standards; Drinking Water    |
| <b>FURS</b>   | <b>Federal Underground Injection Control Reporting System</b><br>Abraham I Siegel, (202) 382-2804<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> System 2000, COBOL<br><b>Keywords:</b> Underground Injection Control; Well Location                    |

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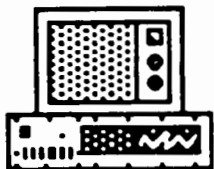
# **EPA Information Systems**

## *Office of Water (OW)*

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|                |  |
|----------------|--|
| <b>GREAT</b>   | <b>General Record of Enforcement Actions Tracked</b><br>Larry Reed, (202) 475-8313<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol, IRS, SAS<br><b>Keywords:</b> Compliance; Enforcement, National Pollutant Discharge Elimination System (NPDES)             |
| <b>IAS</b>     | <b>Incineration at Sea Site Monitoring and Permits File</b><br>David Redford, (202) 475-7133<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Effects; Treatment/Disposal; Discharge Points; Surface Water; Biological;                     |
|                | <b>Industrial Process Evaluations</b><br>John Barney, (312) 886-6102<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Effluents; Runoff; Other In Plant Chemical Process Waste 129 307 Cwa; 9 Potential Drinking Water                                    |
| <b>IADB</b>    | <b>Innovative/Alternative Pollution Control Technology</b><br>Charles Vanderlyn, (202) 382-7277<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> System 2000<br><b>Keywords:</b> Site Characteristics; Treatment/Disposal, Collection Technology                     |
| <b>NPDES</b>   | <b>Laboratory Performance Evaluation (NPDES)</b><br>David Lyons, (202) 475-8310<br><b>Hardware:</b> Sperry 1100/82, IBM 3090<br><b>Software:</b><br><b>Keywords:</b> Test/Analysis Method; Surface Water; Chemical; Discharge Points; Monitoring; Quality Assurance; |
| <b>LUST-DE</b> | <b>Leaking Underground Storage Tank Data Entry System</b><br>Joan Cabreza, (206) 442-0344<br><b>Hardware:</b> IBM PC<br><b>Software:</b> dBase III +<br><b>Keywords:</b> Storage, Treatment/Disposal   |

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# **EPA Information Systems**

## *Office of Water (OW)*

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### **Marine and Estuarine Protection Data**

Michelle Hiller, (202) 755-2927

**Hardware:** Other, IBM PC

**Software:**

**Keywords:** Environmental Effects; Test/Analysis Method;  
Exposure; Surface Water, Estuarine

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### **Minnesota NPDES Permit Tracking System**

Arnold Leder, 312-353-2114

**Hardware:** IBM 3090, Dec 11/70

**Software:** ADABAS,1

**Keywords:**

---

### **NPDES FILE**

#### **National Pollutant Discharge Elimination System (NPDES)**

Bob Tolpa, 312-886-0149

**Hardware:** IBM 3090, Dec 11/70

**Software:** ADABAS

**Keywords:** Effluents; 11 Conventional Water

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### **NEEDS**

#### **Needs Survey**

Karen Klima, (202) 382-7251

**Hardware:** IBM 3090, IBM PC

**Software:** Wylbur, IHS, TSO

**Keywords:** Treatment/Disposal; Construction Grants Program;  
Wastewater

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### **ODES**

#### **Ocean Data Evaluation System**

Bob King, (202) 475-7119

**Hardware:** IBM 3090, IBM PC, Prime

**Software:** Agency Standards

**Keywords:** Environmental Effects; Environmental Releases;  
Biological; Chemical; Point Source;

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### **PCS**

#### **Permit Compliance System**

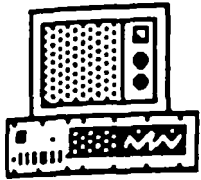
Steve Martin, (202) 475-8313

**Hardware:** IBM 3090

**Software:** ADABAS, Natural, Cobol, CICS

**Keywords:** Surface Water; Biological; Chemical;  
Compliance; Discharge Points; Geographic Codes;

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# **EPA Information Systems**

## ***Office of Water (OW)***

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### **Permit Expert System**

**David Eng, (202) 475-9522**

**Hardware:** IBM PC

**Software:** C Language with KES Shell

**Keywords:** Surface Water; Biological; Chemical; Model;  
Discharge Points; Non-Point Source; Point Source;

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**PLPT**

### **Pretreatment Local Program Tracking System**

**Bill Diamond, (202) 475-9537**

**Hardware:** IBM PC

**Software:** dBase III

**Keywords:** Point Source; Site Characteristics; Industrial User;  
Municipal Treatment Facilities; National

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**QNCR**

### **Quarterly Non-Compliance Report**

**Larry Reed, (202) 245-8313**

**Hardware:**

**Software:**

**Keywords:** Surface Water; Discharge Points; Compliance;  
Monitoring; National Pollutant Discharge

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### **Reach Characteristic File**

**Bob Horn, (202) 382-7103**

**Hardware:** IBM 3090

**Software:** PL1, IHS

**Keywords:** Treatment/Disposal; Municipal

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**ENF5**

### **Reg5 Enforcement Tracking System**

**Hardware:**

**Software:** PL-1, IRS

**Keywords:** General Enforcement

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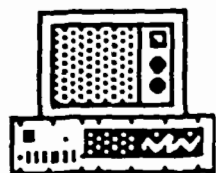
### **Request for Fundamentally Different Factors Variance**

**Jim Gallup, (202) 475-9541**

**Hardware:**

**Software:**

**Keywords:** Surface Water; Discharge Points; Monitoring;  
Variance; National Pollutant Discharge



# **EPA Information Systems**

## ***Office of Water (OW)***

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|              |  |
|--------------|--|
| <b>SWETS</b> | <b>Safe Water Enforcement Tracking</b><br>KIERAS STEVE,<br><b>Hardware:</b><br><b>Software:</b> COBOL, PL-1<br><b>Keywords:</b> Local Surface Drinking Water Systems |
|--------------|--|

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|             |   |
|-------------|---|
| <b>403C</b> | <b>Section 403(c) Information</b><br>Paul Pan, (202) 475-7130<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Discharge Points; Site Characteristics;<br>Environmental Effects, Water Quality |
|-------------|---|

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|  |   |
|--|---|
|  | <b>State NPDES File</b><br>Bill Diamond, (202) 475-9537<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Surface Water; Discharge Points, Pretreatment;<br>National Pollutant Discharge Elimination System |
|--|---|

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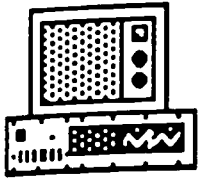
|               |  |
|---------------|--|
| <b>STORET</b> | <b>Storage and Retrieval of Water Quality Information</b><br>Philip Lindenstruth, (202) 382-7220<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> PL/1, Fortran<br><b>Keywords:</b> Environmental Effects; Test/Analysis Method;<br>Climate; Soil; Ground Water; Drinking Water, |
|---------------|--|

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|  |   |
|--|---|
|  | <b>The National Estuarine Pollution Study</b><br>Michelle Hiller, (202) 755-2927<br><b>Hardware:</b><br><b>Software:</b><br><b>Keywords:</b> Environmental Effects; Environmental Releases;<br>Point Source; Non-Point Source |
|--|---|

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|               |  |
|---------------|--|
| <b>WHPDMS</b> | <b>Wellhead Protection Data Management System</b><br>Michele Zenon, (202) 382-7077<br><b>Hardware:</b> IBM PC<br><b>Software:</b> Ashton-Tate dBase III<br><b>Keywords:</b> Enviromental Releases; Ground Water; Economic;<br>Drinking Water; Population, Human; Non-Point |
|---------------|--|



# **EPA Information Systems**

## *Office of the Inspector General (OIG)*

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### **INDEX**

**Consolidated Index System**  
David B. Cofer, (202) 382-7598  
**Hardware:** Prime, IBM PC  
**Software:** Prime Information DBMS  
**Keywords:**

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### **CCS**

**Correspondence Control System**  
Deborah Smith, (202) 382-4112  
**Hardware:** Prime  
**Software:** HEWCO INFO  
**Keywords:**

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### **ITS**

**Investigation Tracking System**  
Charles A. Lewis, (202) 382-4109  
**Hardware:** Prime  
**Software:** INFO  
**Keywords:**

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### **PSS**

**Personnel Security System**  
Brenda Bray, (202) 382-4115  
**Hardware:** Prime  
**Software:** HEWCO INFO DBMS  
**Keywords:**

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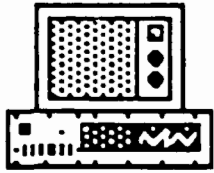
### **PATS**

**Prime Audit Tracking System**  
Gerry McMillan, (202) 382-7602  
**Hardware:** Prime  
**Software:** INFO  
**Keywords:** Audit

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### **SDS**

**Suspension and Debarment System**  
James J. Jr. Conn, (202) 475-8960  
**Hardware:** Prime  
**Software:**  
**Keywords:**



# EPA Information Systems

## *Office of the Inspector General (OIG)*

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TFTS

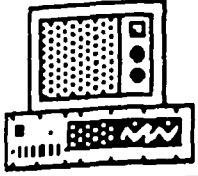
**Travel Funds Tracking System**

Clifford Jennings, (202) 382-4949

**Hardware:** IBM PC

**Software:** dBASE III+, Clipper

**Keywords:** Travel Authorizations/Vouchers, Claim for Reimbursement (Local Travel)



# **EPA Information Systems**

## *Office of the General Counsel (OGC)*

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**ADTRACS**     **Assistance Disputes**  
Paul E. Frazier, (202) 475-8052  
**Hardware:** IBM 3090  
**Software:** DBMS, ADABAS, Natural, Cobol  
**Keywords:** Assistance Disputes

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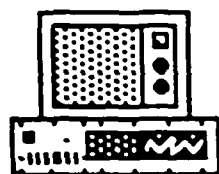
**Bid Protests**  
Paul E. Frazier, (202) 475-8052  
**Hardware:** IBM PC  
**Software:** dBase III and dBase IV +  
**Keywords:** 14, 29, Tracking

---

**CMTS**     **Correspondence Management Tracking System**  
Paul Eric Frazier, (202) 475-8052  
**Hardware:** IBM PC  
**Software:** dBase III +, Clippered and C Programming Lang  
**Keywords:**

---

**DEFENSIV**     **General Counsel Defense Docket System**  
**E** Paul E. Frazier, (202) 475-8052  
**Hardware:** IBM 3090  
**Software:** DBMS: ADABAS, Natural, Cobol  
**Keywords:** Monitoring, Defensive; Civil Litigation; Tracking



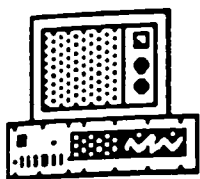
# **EPA Information Systems**

## *Office of Policy and Evaluation (OPPE)*

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|                |  |
|----------------|--|
| <b>ABTRES</b>  | <b>Abatement and Residual Forecasting Model</b><br>Brett Snyder, (202) 382-5732<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Fortran<br><b>Keywords:</b> Environmental Releases; Model, Industry;<br>Municipal; Economic; Air; Water; Federal |
| <hr/>          |  |
| <b>ATS</b>     | <b>Action Tracking System</b><br>Louise Platter, (202) 382-5443<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Milestones; Assignment Tracking; Status<br>Regulations  |
| <hr/>          |  |
| <b>ASHAAIS</b> | <b>Asbestos in Schools Hazard Abatement Automated</b><br>Steven Young, (202) 382-5625<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Asbestos; Administrative; Grants; Contracts;<br>Exposure; Monitoring                                    |
| <hr/>          |  |
| <b>PRAMS</b>   | <b>Paperwork Reduction Act Management System (PRAMS)</b><br>Carla Levesque, (202) 382-2740<br><b>Hardware:</b> Prime<br><b>Software:</b> INFO<br><b>Keywords:</b> Information Tracking; Collection Requests;<br>Collection Budget; Omb Approval                      |
| <hr/>          |  |
| <b>SPMS</b>    | <b>Strategic Planning and Management System</b><br>Jeff Morin, (202) 382-5439<br><b>Hardware:</b> Prime, IBM PC<br><b>Software:</b> INFO<br><b>Keywords:</b> Activity Tracking; Measures; management;<br>Indicators; Planning  |





# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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### **ADP Budget Preparation System**

Mike Cullen, (202) 382-2131

**Hardware:**

**Software:**

**Keywords:**

---

**ATS**

### **Assignment Tracking System**

Darlene Williams, (202) 475-8253

**Hardware:** Other

**Software:** RMS

**Keywords:** Assignment Tracking

---

### **Budget System**

Sherry Fielding, (202) 475-6174

**Hardware:** IBM PC

**Software:** Lotus 1,2,3

**Keywords:** Model, Workload; Rcra; Cercla

---

**CMS**

### **Case Management System**

K. Bouve, (202) 475-8113

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Monitoring; Compliance, Enforcement

---

### **Chemical Catalog**

K. Plourd, (202) 382-5646

**Hardware:** IBM PC

**Software:** DBASE

**Keywords:** Chemical; Physical-Chemical Properties,  
Chemical Tracking

---

**CERCLIS**

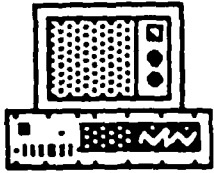
### **Comprehensive Environmental Response, Compensation**

Mike Cullen, (202) 382-2131

**Hardware:** IBM 3090

**Software:** System 2000

**Keywords:** Geographic Codes; Geographic Coordinates



# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

---

### **Controlled Correspondence Tracking System**

Thea McManus, (202) 475-8818

**Hardware:**

**Software:**

**Keywords:** Storage; Transportation; Treatment/Disposal,  
Hazardous Waste; Incineration; Dioxin;

---

### **Cost Documentation Management System**

Emil Knuth, (202) 475-6113

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Monitoring, Tracking; Civil Litigation; Cercla

---

### **Delisting Petition Tracking System**

Scott Maid, (202) 382-7906

**Hardware:** IBM PC

**Software:** dBASE III, Wordstar, Lotus 1,2,3, DOS, Basic

**Keywords:** Treatment/Disposal; Compliance; Test/Analysis  
Method, Effluents

---

### **Dioxin Tracking System**

Tom Evans, (202) 382-4825

**Hardware:**

**Software:**

**Keywords:** Chemical; Site Characteristics; Exposure, Dioxin

---

### **DOORS**

#### **Document Ordering Tracking System**

Beverly D. Thomas, (202) 475-7263

**Hardware:** IBM PC

**Software:** dBASE III+

**Keywords:** Test/Analysis Method, Ground Water, Ust  
Related Documents

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### **ERIS**

#### **Enforcement Case Support Expert Resources Inventory**

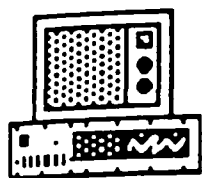
Kurt Lamber, (202) 382-4831

**Hardware:** IBM PC

**Software:** dBASE III

**Keywords:** Tracking; Expert Witness

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# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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### **Grant Allocation Formula**

Alexander Wolfe, (202) 382-2227

**Hardware:** IBM PC

**Software:** Lotus 1,2,3,

**Keywords:** Model, Grant Allocation

---

### **HWDMS**

#### **Hazardous Waste Data Management System**

Jeff Tumarkin, (202) 382-5235

**Hardware:** IBM 3090, IBM PC, IBM Logical Mainframe/Other

**Software:** System 2000, FOCUS

**Keywords:** Site Characteristics; Storage; Transportation;  
Treatment/Disposal; Compliance; Geographic

---

### **PSEUDO- HWD**

#### **HWDMS-SAS**

Jeffrey Tumarkin, (202) 382-4697

**Hardware:** IBM 3090

**Software:** SAS

**Keywords:** Treatment/Disposal

---

### **ISDB**

#### **Industry Studies Data Base**

Ed Abrams, (202) 382-4787

**Hardware:** IBM 3090, IBM PC

**Software:** DBMS, dBase III (IBM PC), SAS (IBM 3090)

**Keywords:** Health Effects; Physical-Chemical Properties;  
Chemical; Production Volume; Storage;

---

### **INFIMIS**

#### **Integrated Financial Management Information System**

Steven D. McNeeley, (202) 475-7262

**Hardware:** IBM PC

**Software:** dBASE III+, Flashup, Flashcode (Windowing

**Keywords:** Contracts Management, Office Budget Tracking

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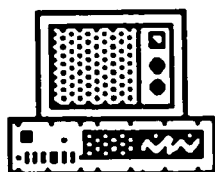
### **Interim/Final Authorization for Hazardous Waste**

Alexander Wolfe, (202) 382-2210

**Hardware:**

**Software:**

**Keywords:** Compliance; Treatment/Disposal, State  
Administration; Hazardous Waste Management



# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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**LDRRDDDB**    **Land Disposal Restrictions (Rule Development)**  
Steve Weil, (202) 382-4770  
**Hardware:** IBM 3090, IBM PC  
**Software:** SAS, dBASE III, Fortran  
**Keywords:** Environmental Effects; Environmental Releases;  
Health Effects; Physical-Chemical Properties;

---

**RDS-HWD MS**    **National Hazardous Waste Data Management Systems**  
Steven Levy, (202) 382-4697  
**Hardware:** IBM 3090  
**Software:** Relational Dictionary-Driven System (RDS)  
**Keywords:** Storage; Transportation; Treatment/Disposal;  
Compliance; Geographic Codes, Generator;

---

**OFF-1**    **Office Forms Facilitator Version #1**  
Steven D. McNeeley, (202) 475-7262  
**Hardware:** IBM PC  
**Software:** dBASE III+  
**Keywords:**

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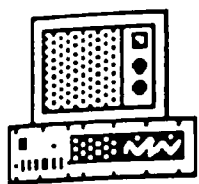
**Open Dump Inventory**  
Alexander Wolfe, (202) 382-2210  
**Hardware:**  
**Software:**  
**Keywords:** Health Effects; Transformation Rates; Ground  
Water; Compliance; Drinking Water, Site

---

**OIS**    **Operations Information System**  
Steven D. McNeely, (202) 475-7262  
**Hardware:** IBM PC  
**Software:**  
**Keywords:** Compliance

---

**SPHI**    **OSW Sludge Program-Health Impacts**  
George Bonina, (202) 382-4697  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Fortran  
**Keywords:** Health Effects; Exposure; Model



# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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### **OWPE Controlled Correspondence**

Darlene Williams, (202) 475-9810

**Hardware:** Prime

**Software:** INFO

**Keywords:** Monitoring, Correspondence

---

FOIA

### **OWPE Freedom of Information Act System**

D. Williams, (202) 475-9810

**Hardware:** Prime

**Software:** Info

**Keywords:** Administrative; Freedom of Information Act

---

### **OWPE Personnel Roster**

C. Sage, (202) 475-9863

**Hardware:** IBM PC

**Software:** dBase III+

**Keywords:** Administrative; Personnel; Payroll

---

### **RCRA Biennial Reports**

Michael Buens, (202) 382-4697

**Hardware:** Prime

**Software:** INFO

**Keywords:** Treatment/Disposal

---

### **RCRA Hazardous Waste Permit Application Part A**

Wayne Roepe, (202) 475-7245

**Hardware:**

**Software:**

**Keywords:** Physical-Chemical Properties; Compliance; Site Characteristics, Operating Permits

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### **RCRA State Reporting**

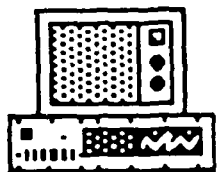
Nathan Wilkes, (202) 382-4697

**Hardware:**

**Software:**

**Keywords:** Compliance, State Reporting; Permit Status

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# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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**RODS**      **Record of Decision System**  
Caroline Roe,  
**Hardware:** IBM 3090  
**Software:** Basis  
**Keywords:**

---

**Recordkeeping and Reporting Requirements for RCRA**  
Wayne Roepe, (202) 475-7245  
**Hardware:**  
**Software:**  
**Keywords:** Compliance; Monitoring, Permit Application;  
Permit Revision

---

**ROIS**      **Regional Operations Information System**  
Steven D. McNeeley, (202) 475-7262  
**Hardware:** IBM PC  
**Software:** dBASEIII+, Windowing S/W(Flashup &  
**Keywords:** Ground Water

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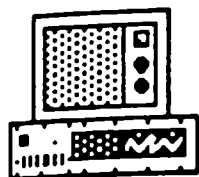
**RIA**      **Regulatory Impact Analysis Facility Profile**  
Steven Levy, (202) 382-4697  
**Hardware:** Other  
**Software:** EPA Software  
**Keywords:** Ground Water; Site Characteristics, Solid Waste;  
Hazardous Waste

---

**RCRIS**      **Resource Conservation and Recovery Information System**  
Loretta Marzetti, (202) 475-9391  
**Hardware:** IBM 3090, IBM PC, IBM Logical Mainframe/Other  
**Software:** Focus  
**Keywords:** Compliance, Geographic Coordinates,  
Manufacturing, Processing, Storage,

---

**Small Quantity Generator Survey**  
Peter Guerrero, (202) 382-4761  
**Hardware:** IBM 3090  
**Software:**  
**Keywords:** Treatment/Disposal, Survey; Small Quantity  
Generators



# **EPA Information Systems**

## ***Office of Solid Waste & Emergency Response (OSWER)***

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**SNARS**

**Spill Notification and Response System**

Thomas Massey, (215) 597-0807

**Hardware:** Dec 11/70

**Software:** INFORM II

**Keywords:** Site Characteristics; Reporter; Spill Location; Hazardous Material; Spill Removal; Spill

---

**State Authorization Tracking**

Alexander Wolfe, (202) 382-2210

**Hardware:**

**Software:**

**Keywords:** Hazardous Waste; State Authorization

---

**SETS**

**Superfund Enforcement Tracking System**

Alicia Corley, (202) 475-8717

**Hardware:** IBM 3090

**Software:** FOCUS

**Keywords:** Compliance; Monitoring, Superfund

---

**TESWATS**

**Technical Enforcement Support Work Assignment Tracking**

Rose Harvell, (202) 382-4842

**Hardware:** IBM PC

**Software:** dBase III

**Keywords:** Contract Management, Tes

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**CDB**

**Waste Management Data Base System**

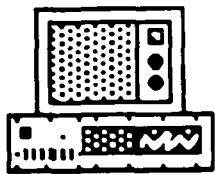
Jim Craig, (202) 382-3410

**Hardware:** Prime

**Software:** INFO

**Keywords:** Compliance; Economic, Hazardous Waste Management; Analysis

---



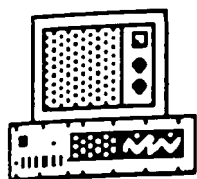
# **EPA Information Systems**

## ***Office of Enforcement & Compliance Monitoring (OECM)***

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|                      |  |
|----------------------|--|
| <b>CDETS</b>         | <b>Consent Decree Tracking System</b><br>Charlene Swibas, (303) 236-2378<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> ADABAS/NATURAL<br><b>Keywords:</b> Test/Analysis<br>Method;groundwater;sediment;soil;surface   |
| <b>CRIMDOC<br/>K</b> | <b>Criminal Docket System</b><br>Charlene Swibas, (303) 236-2378<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS: ADABAS, Natural, Cobol<br><b>Keywords:</b> Enforcement; Criminal Litigation; Tracking;<br>Milestones; Statutes Section; Accountability   |
| <b>CII</b>           | <b>Criminal Investigation Index</b><br>Rob Laidlaw, (303) 236-5122<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS: ADABAS, Natural<br><b>Keywords:</b>  |
| <b>DOCKET</b>        | <b>Enforcement Docket System</b><br>Bruce Rothrock, (202) 382-2614<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS: ADABAS, Natural, Cobol<br><b>Keywords:</b> Monitoring, Enforcement; Civil Litigation;<br>Administrative Actions; Tracking; Milestones; |
| <b>EDRS</b>          | <b>Enforcement Document Retrieval System</b><br>Tai-Ming Chang, (202) 382-2564<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> DBMS: Basis<br><b>Keywords:</b> Policy; Guidance; Ogc Opinions; Decisions; Consent<br>Decree; Full Text                          |
| <b>HWC</b>           | <b>Hazardous Waste Casefinder</b><br>Tai-Ming Chang, (202) 382-2564<br><b>Hardware:</b> IBM 3090<br><b>Software:</b> Cobol<br><b>Keywords:</b> Hazardous Waste Opinions  |





# **EPA Information Systems**

## ***Office of Enforcement & Compliance Monitoring (OECM)***

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**EXPORT**      **Hazardous Waste Export Database**  
James Vincent, (303) 236-5120  
**Hardware:** IBM Logical Mainframe/Other  
**Software:** Focus  
**Keywords:** Compliance; Monitoring; Transportation; Export;  
Hazardous Waste

---

**LBAU**      **Lab Automation System**  
John Lee, (303) 236-5132  
**Hardware:** Other  
**Software:** Fortran  
**Keywords:** Monitoring; Environmental Releases;  
Physical-Chemical Properties; Chemical Use

---

**LITS**      **Litigation Support System**  
Tai-Ming Chang, (202) 382-2564  
**Hardware:** IBM 3090  
**Software:** DBMS: ADABAS  
**Keywords:** Document Index; Transaction; Chain of Custody

---

**IMAN**      **NEIC Image Analysis System**  
Earl Bean, (303) 236-5138  
**Hardware:** Dec 11/70  
**Software:** Fortran  
**Keywords:** Environmental Releases; Chemical Use;  
Monitoring; Site Characteristics

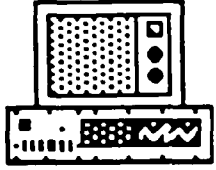
---

**NCLS**      **NEIC Library System**  
Dorothy Biggs, (303) 236-5122  
**Hardware:** Dec 11/70  
**Software:** INFORM  
**Keywords:** Administrative; Library

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**LIDAR**      **NEIC Light Detection and Ranging System**  
Jonathan Dion, (303) 236-5124  
**Hardware:** Other  
**Software:** Fortran  
**Keywords:** Monitoring; Compliance

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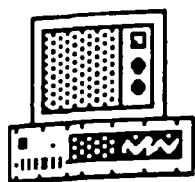


# EPA Information Systems

## *Office of Enforcement & Compliance Monitoring (OECM)*

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|       |  |
|-------|--|
| PMRK  | <b>NEIC Permit Ranking System</b><br>Jim Vincent, (303) 236-5120<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> Fortran<br><b>Keywords:</b> Site Characteristics; Monitoring  |
| PRP   | <b>Potentially Responsible Parties System</b><br>Charlene Swibas, (303) 236-2378<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus<br><b>Keywords:</b> Compliance  |
| SFFAS | <b>Superfund Financial Assessment System</b><br>Charlene Swibas, (303) 236-2378<br><b>Hardware:</b> IBM Logical Mainframe/Other<br><b>Software:</b> Focus, Fortran<br><b>Keywords:</b> Compliance; Economic; Model; Financial Analysis |
| TMAC  | <b>Time Accounting System</b><br>George Alison, (303) 236-5134<br><b>Hardware:</b> Dec 11/70<br><b>Software:</b> INFORM<br><b>Keywords:</b> Administrative; Cost Accounting  |



# **EPA Information Systems**

## *Regions Total*

---

### **Industrial User Permit/Compliance File**

Bill Diamond, (202) 475-9537

**Hardware:**

**Software:**

**Keywords:** Compliance; Surface Water, Pretreatment;  
Industrial User; Potw; Variance; National

---

DMR

### **NPDES Discharge Monitoring Report**

Larry Reed, (202) 475-8313

**Hardware:**

**Software:**

**Keywords:** Surface Water; Biological; Chemical;  
Compliance; Discharge Points; Monitoring,

---

### **POTW Pretreatment File**

Bill Diamond, (202) 475-9537

**Hardware:**

**Software:**

**Keywords:** Surface Water; Discharge Points, National  
Pollutant Discharge Elimination System (Npdes);

---

### **Recordkeeping of Permit Required Reports for NPDES**

Larry Reed, (202) 475-8313

**Hardware:**

**Software:**

**Keywords:** Surface Water; Biological; Chemical;  
Compliance; Discharge Points; Monitoring;

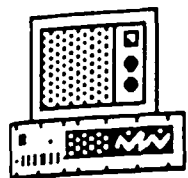
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### **Recordkeeping of Supporting Application Data for Permit to** Jim Gallup, (202) 475-9541

**Hardware:**

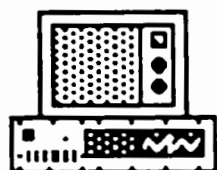
**Software:**

**Keywords:** Surface Water; Discharge Points; Permit;  
National Pollutant Discharge Elimination System



# EPA Information Systems Index Sorted by System Name

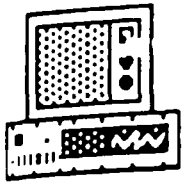
| System Name  | Acronym    | Page    |
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| ADP Capital Equipment Inventory System               | ADPCETS    | B - 60  |
| ADP Planning System                                  | APS        | B - 38  |
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| AEERL Dual Alkali FGD Process Demonstration          | DAPD       | B - 60  |
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| Ann Arbor Evaluation and Development Test System     | EDTS       | B - 89  |
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# EPA Information Systems

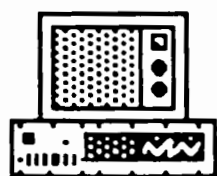
## Index Sorted by System Name

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| AREAL-RTP National Atmospheric Background          | NABN       | B - 61  |
| AREAL-RTP National Filter Analysis Network         | FBANK3     | B - 61  |
| AREAL-RTP Northeast Regional Oxidant Study         | NEROS      | B - 61  |
| AREAL-RTP Quality Assurance Data System            | QASRCE     | B - 62  |
| AREAL-RTP Regional Air Pollution Study             | RAPS       | B - 62  |
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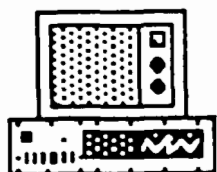
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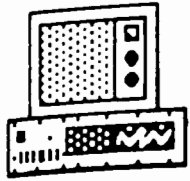


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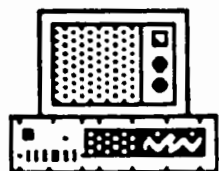
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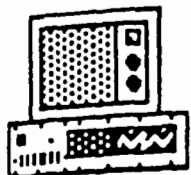
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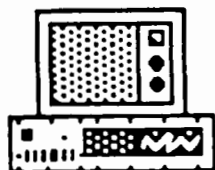


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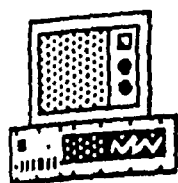
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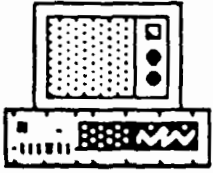
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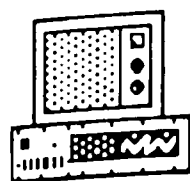
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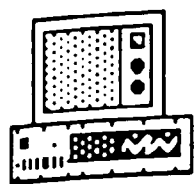




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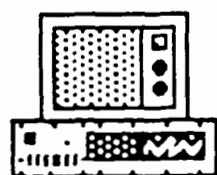
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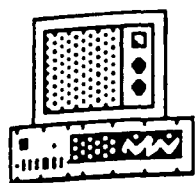
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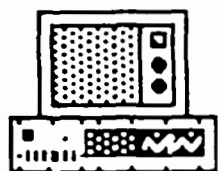
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| GEOEAS    | Geo Statistical Environmental Assessment Software | B       |
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| GICS      | Grants Information and Control System             |         |
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| GMDI      | Geophysical Models for Data Interpretation        |         |
| GOLE      | GICS On-Line Data Entry System                    |         |
| GOMS      | Grants Obligations Management System              |         |
| GREAT     | General Record of Enforcement Actions Tracked     |         |
| GRPH      | Region 4 Graphics System                          |         |
| GSDP      | Geophysical Survey Data Processing System         |         |
| GTDNIS    | GTD Bioassay System                               |         |
| GTS       | Graphics Tracking System                          |         |
| GTTS      | Grants Treasury Tape System                       |         |
| GWPS      | General Word Processor Support                    |         |
| HAR03     | Region 2 Water Quality Models                     |         |
| HAZARD    | Hazardous Waste DataBase                          |         |
| HDECERT   | Heavy-Duty Engine Certification Data              |         |
| HEGP      | Gases and Particles                               |         |
| HEHP      | Hazardous Pollutants Research                     |         |
| HELP      | Hydrologic Evaluation of Landfill                 |         |
| HEOX      | Oxidants  |         |
| HEPS      | Pesticides Research                               |         |
| HESAP     | Health and Environmental Studies                  |         |
| HETC      | Toxic Substances Research                         |         |
| HFOS      | HERL-RTP Forced Oscillation                       |         |
| HGAS      | HERL-RTP Gas/Aerosol Studies                      |         |
| HISLIB    | Effluent Guidelines GC/MS                         |         |
| HMIS      | HERL-RTP Management                               |         |

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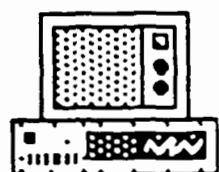
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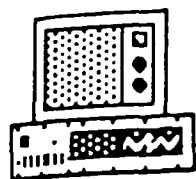


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| LDSFE     | Fuel Economy  | B - 92  |
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| MESS      | Model Evaluation Support System                       | B - 95  |
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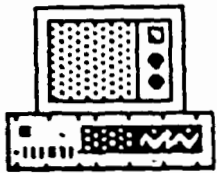


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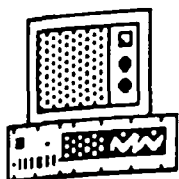
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| OTS M...   |   |         |
| OZIPP      |   |         |
| PAAS       | Regi...   |         |
| PAID       | Plutonium...  |         |
| PARACDS    | Missing Paramete...                                 |         |
| PARS       | Precision and Accuracy...                           |         |
| PATS       | Prime Audit Tracking System                         |         |
| PCB/FTE    | Personnel Compensation & Benefits...                |         |
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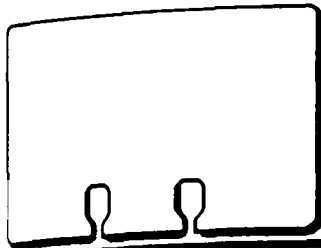
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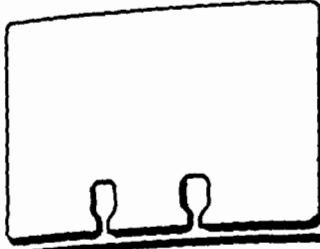
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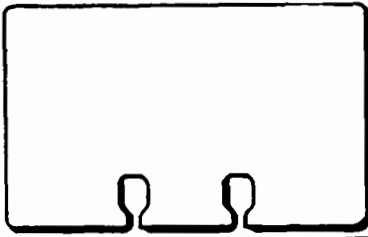


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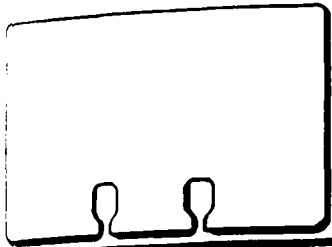
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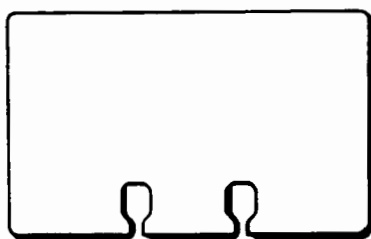
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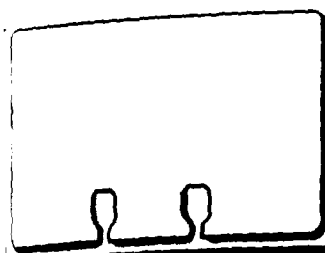
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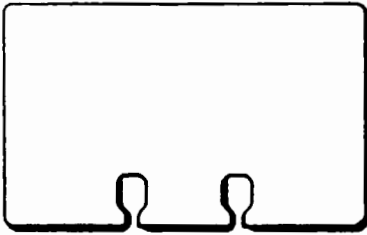
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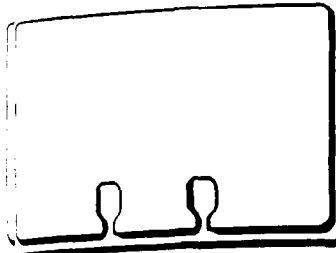
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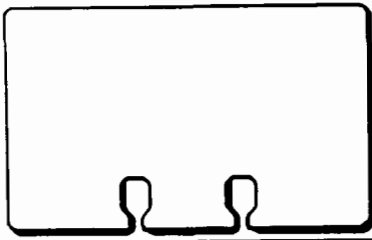
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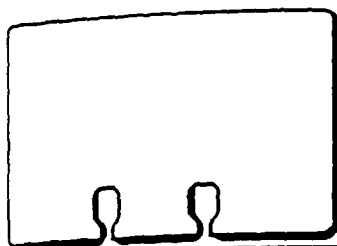
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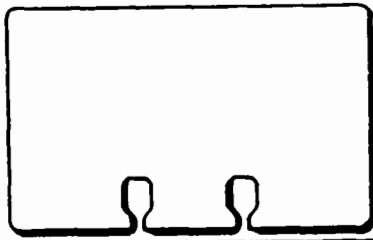
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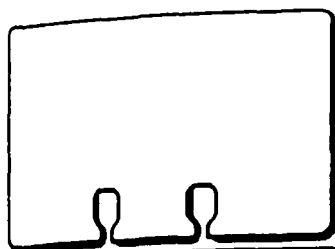
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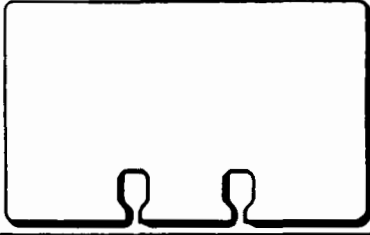
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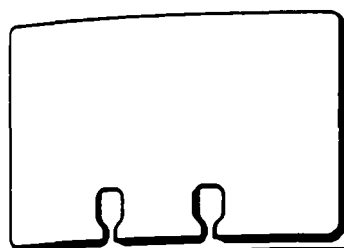
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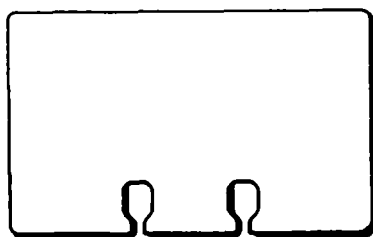
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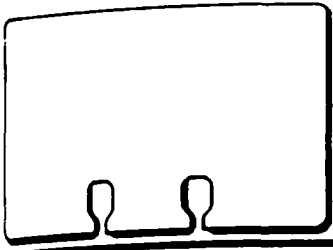
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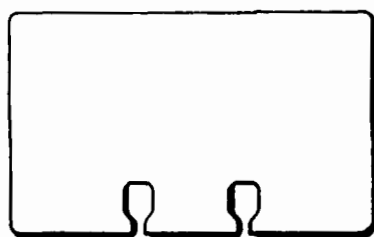
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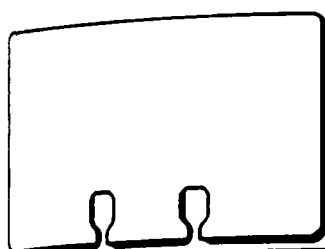
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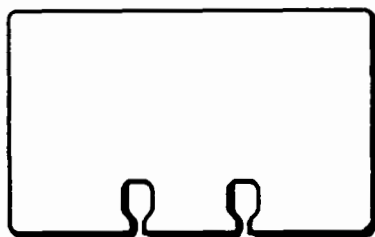
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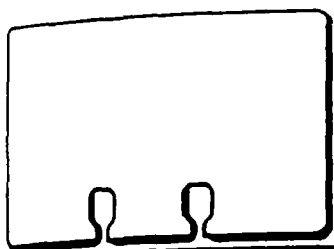
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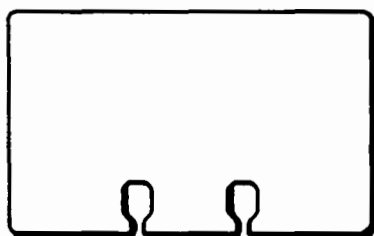
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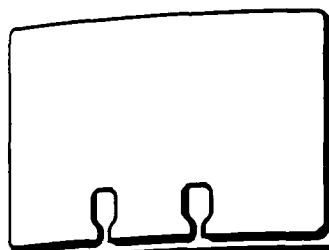
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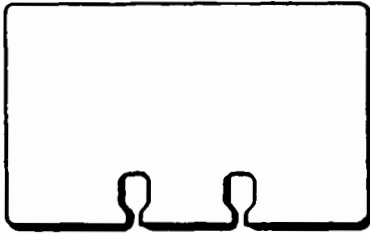
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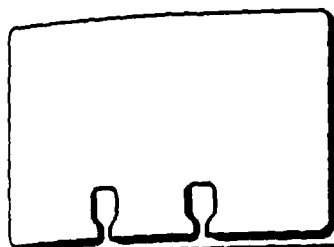


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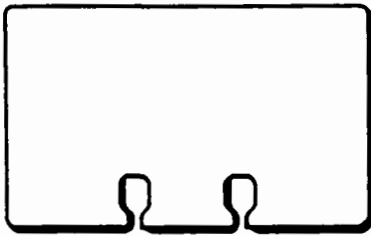
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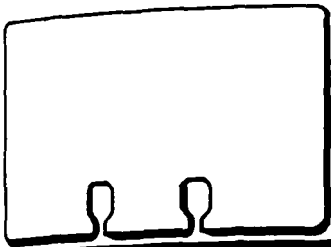


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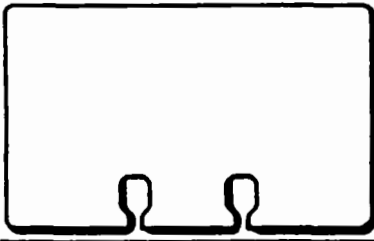


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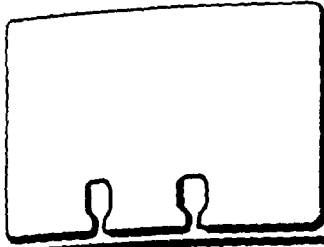
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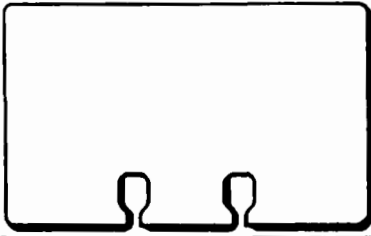


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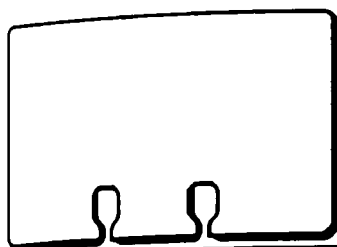


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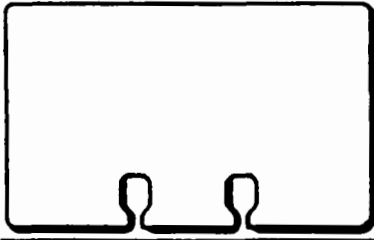
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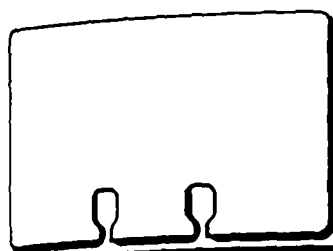
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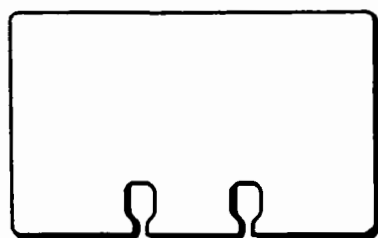
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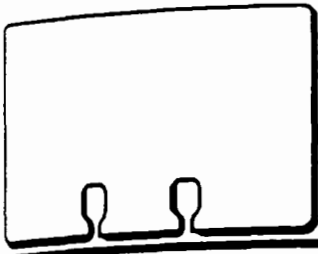
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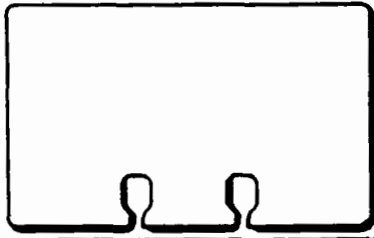


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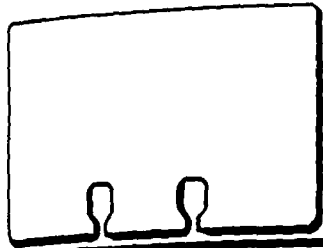
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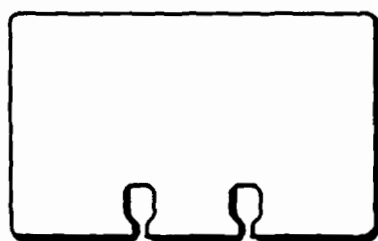
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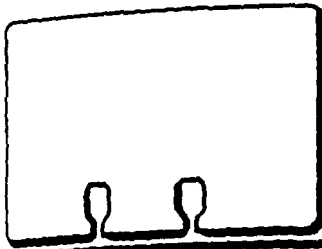


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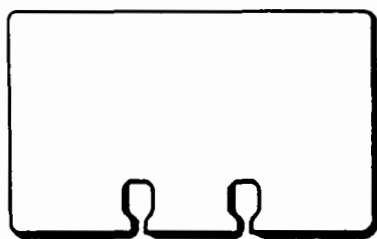
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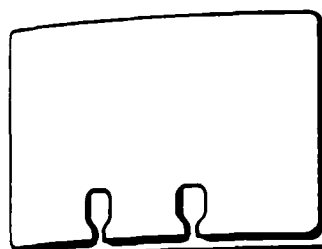
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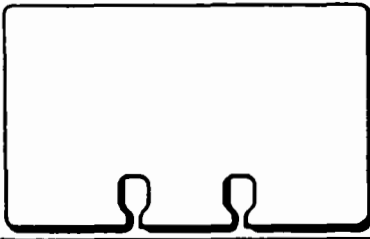
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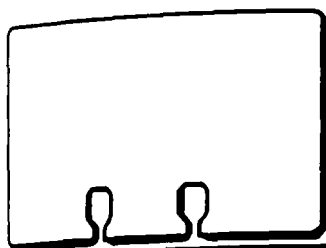


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| Program Management Office                                      |                    |

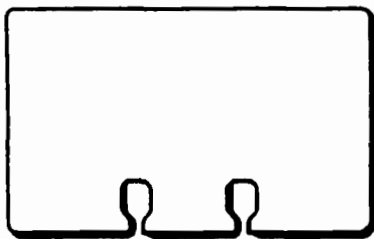


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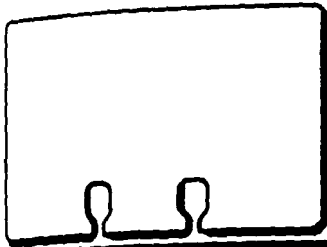
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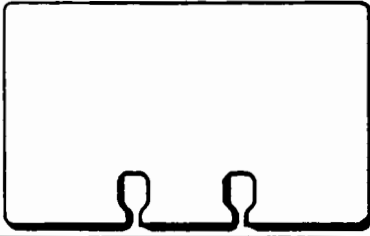
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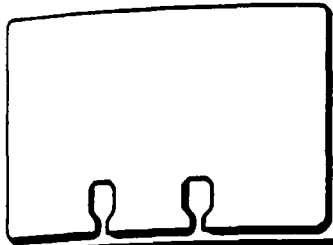


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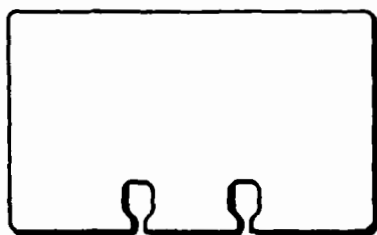
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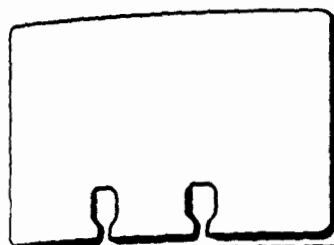
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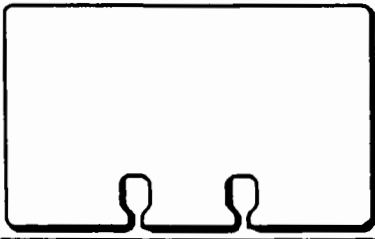
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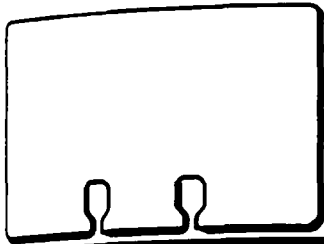
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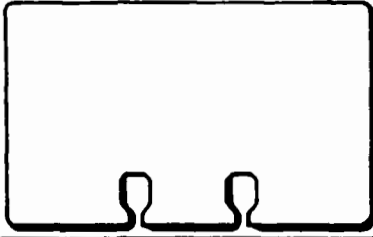
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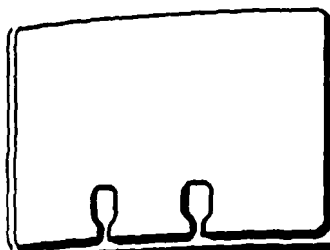
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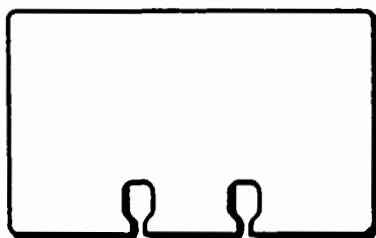
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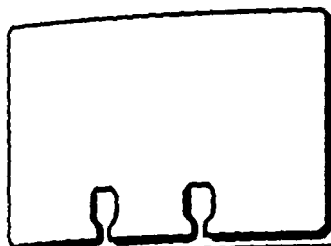
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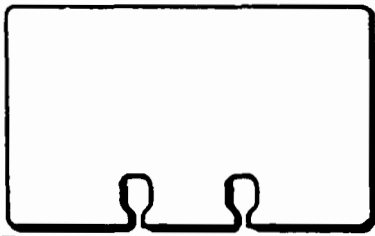
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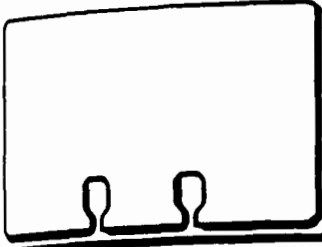
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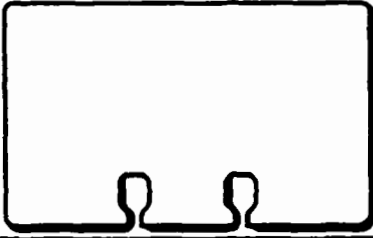
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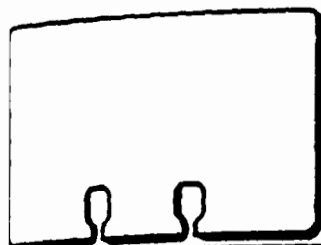


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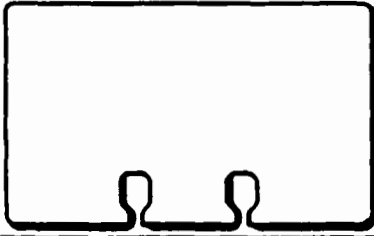
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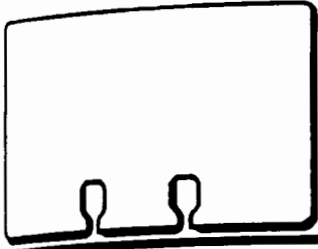
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|                 | WH-556         |

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|              |                |
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|                    |                |
|--------------------|----------------|
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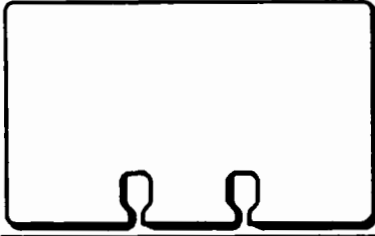
|                    |                |
|--------------------|----------------|
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| Region 4           | FTS 257-4727   |

|                 |                |
|-----------------|----------------|
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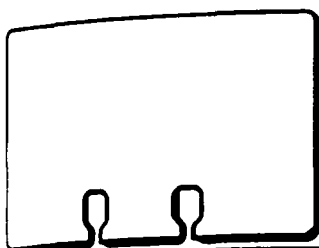
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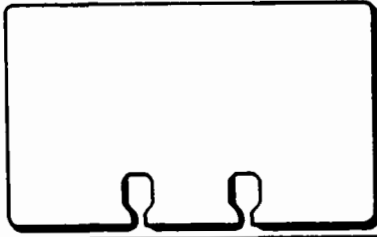
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A-101

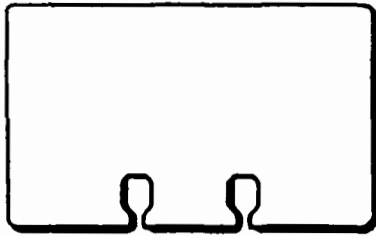
Thomas Parker (202) 475-9741  
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Jack Stanton (202) 382-7669  
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Office of Technology Transfer and Regulatory Support A-8105

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Technologies, Economics International. Cooperative Staff FTS 475-9743  
A-100

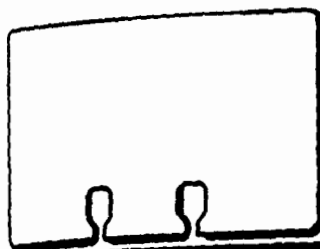


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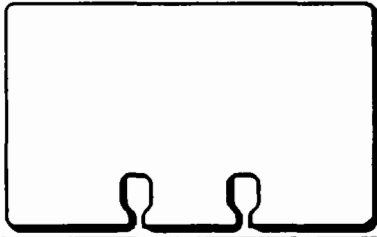
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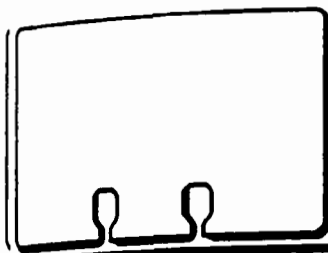
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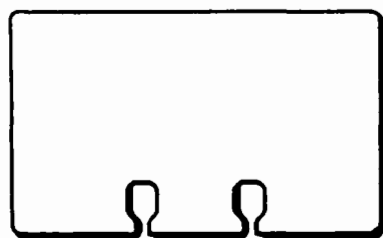
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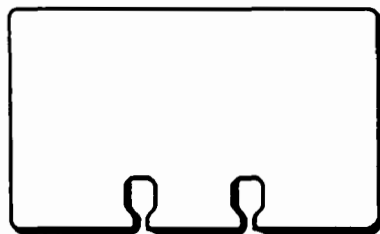


## EPA Contacts

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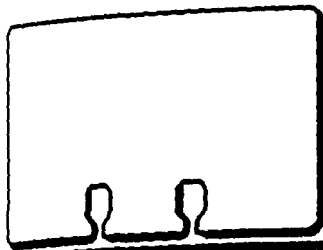
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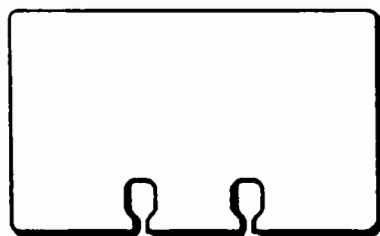
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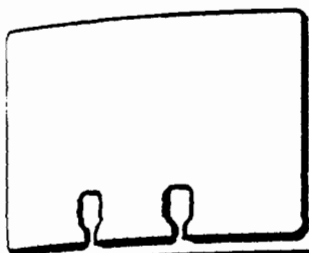
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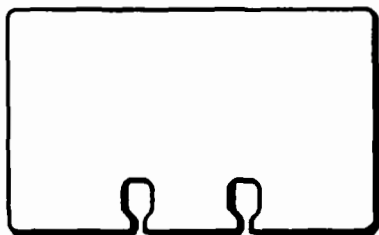
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A-108



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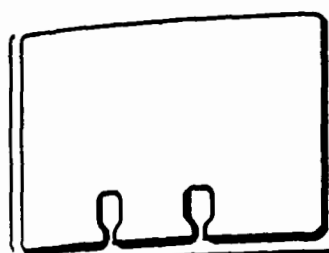


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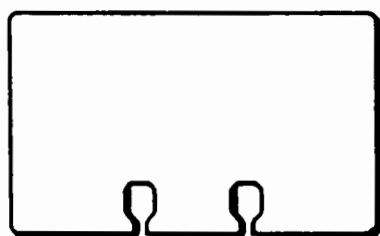




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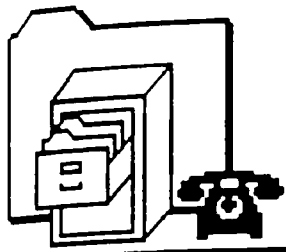
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## Section D

# Dockets, Hotlines, Bulletin Boards and Clearinghouses

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This section lists additional sources of Agency and environmental information. It describes the dockets, hotlines, electronic bulletin boards and clearinghouses that have been set up by the Agency to foster communication, facilitate the exchange of environmental information and assist in rulemaking procedures. Additional non-Agency environmental hotlines, electronic bulletin boards and clearinghouses are listed in their appropriate subsections. An index is found at the end of this section.

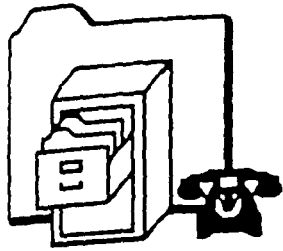
This section is divided into four subsections: dockets, hotlines, bulletin boards and clearinghouses. Each entry is listed alphabetically within each subsection.

| SAMPLE ENTRY   |                       |
|--|-----------------------|
| <b>CONTACT</b>   | <b>DATA TELEPHONE</b> |
| <b>VOICE TELEPHONE</b>   |                       |
| <p>Infolink<br/>Robin Board</p> <p>(202) 586-5722 (202) 586-9359</p> <p>The Office of Civilian Radioactive Waste Management's (OCRWM) Infolink bulletin board provides information on meetings, conferences and program schedules, as well as Congressional testimony and technical documentation.</p> |                       |

#### SOURCES:

U.S. Environmental Protection Agency, Office of Information Resources Management. A Pathfinder to Major EPA Dockets. May 1989. EPA/IMSD/87-001.

U.S. Environmental Protection Agency, Office of Information Resources Management. Your Guide to EPA Clearinghouses and Hotlines. April 1989. EPA/IMSD/88-011.




# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Dockets Section*

---

### Central Docket


Jacqueline Brown

 (202) 382-7548, FTS 382-7548

The Central Docket provides public access to regulatory information which supports the Agency's actions administered under the Clean Air Act. The docket consists of files containing a series of file folders for each category of documents. Most of the records are on microfilm.

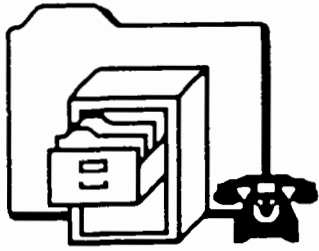
### Drinking Water Docket

Patricia Minami, Docket Manager

 (202) 475-9598, FTS 475-9598

The Drinking Water Docket currently contains information on the following regulatory phases: (1) Volatile Organic Chemical (VOC), (Phase I); (2) Fluoride (Phase IIA); (3) Synthetic Organic Chemicals (SOC) (Phase II); (4) Surface Water Treatment Rule (SWTR), and (5) Radionuclides (Phase III). Others will be developed as new Maximum Contaminant Level Goals (MCLG) and Maximum Contaminant Levels (MCL) are proposed.

The above consists of supporting documentation used to develop each regulation. These materials include appropriate Federal Register Notices, letters, public hearing transcripts, National Drinking Water Advisory Council materials, public comments, technical support documents, and other materials. An index to each record has been developed to facilitate location and review of these records.




# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Dockets Section*

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### National Priority List Docket Region 1


Mike Nalipinski

 (617) 565-9697

USEPA Region 1 Hazardous Waste National Priorities List (NPL) information.

### National Priority List Docket Region 2


Ben Conetta

 (212) 264-6696

USEPA Region 2 Hazardous Waste National Priorities List (NPL) information.

### National Priority List Docket Region 3


Mary Anne Daly

 (215) 597-3437

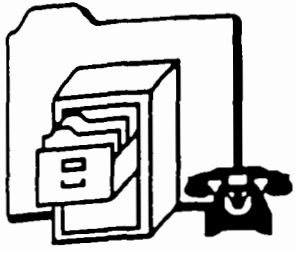
USEPA Region 3 Hazardous Waste National Priorities List (NPL) information.

### National Priority List Docket Region 4

Al Hanke (Acting)

 (404) 347-5065

USEPA Region 4 Hazardous Waste National Priorities List (NPL) information.




# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## *Dockets Section*

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### **National Priority List Docket Region 5**


Jeanne Griffin

 (312) 886-3007

USEPA Region 5 Hazardous Waste National Priorities List (NPL) information.

### **National Priority List Docket Region 6**


Deborah Vaughn-Wright

 (214) 655-6740

USEPA Region 6 Hazardous Waste National Priorities List (NPL) information.

### **National Priority List Docket Region 7**


Shelley Walker

 (913) 236-2856

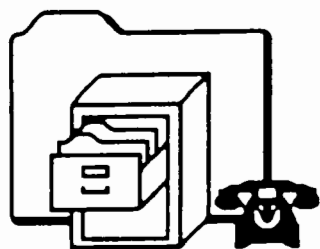
USEPA Region 7 Hazardous Waste National Priorities List (NPL) information.

### **National Priority List Docket Region 8**

Tom Burns

 (303) 293-1817

USEPA Region 8 Hazardous Waste National Priorities List (NPL) information.




## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

### *Dockets Section*

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#### **National Priority List Docket Region 9**


Holly Hadlock

 (415) 974-7931

USEPA Region 9 Hazardous Waste National Priorities List (NPL) information.

#### **National Priority List Docket Region 10**


David Bennett

 (206) 442-2103

USEPA Region 10 Hazardous Waste National Priorities List (NPL) information.

#### **Pesticides Docket**


Contact position is open

 (703) 557-4456, FTS 557-4456

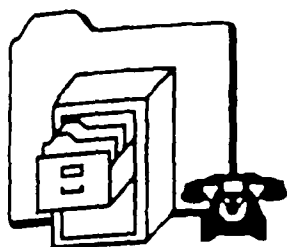
The Pesticides Docket provides public access to documentation for each Registration Standard under development when the Agency begins review of data for the Registration Standard or upon publication of a notice setting out the list and sequence of Registration Standards. The docket contains documentation of pre-special and special reviews of pesticides.

#### **Public Information Reference Unit (PIRU)**

Gloris J. Butler

 (202) 382-5926

PIRU provides public access to regulatory information supporting the Agency's actions administered under (1) the Clean Air Act (primarily, the State



## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**


### ***Dockets Section***

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Implementation Plans), and (2) the Clean Water Act (Primarily, the Effluent Limitation Guidelines). Records are submitted to PIRU (indexed) by the programs within EPA or the Regions for public inspection and photocopying. PIRU also has information supporting other EPA regulations issued under the following statutes: Resource Conservation & Recovery Act (RCRA), Safe Drinking Water Act, Noise Control Act and The Marine Protection, Research and Sanctuaries Act.

### **Resource Conservation & Recovery Act (RCRA) Docket**


Kathy Bruneske, Joanne Graham

 (202) 475-9327, FTS 475-9327

The Resource Conservation & Recovery Act (RCRA) Docket provides public access to regulatory information supporting the Agency's actions under RCRA. Records support Federal Register notices, Delisting Petitions and other Office of Solid Waste (OSW) publications. RCRA Docket publishes a semiannual catalog of frequently requested documents.

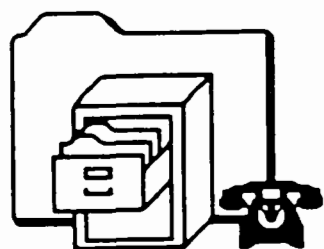
### **Superfund Docket and Information Center (SDIC)**

Tina Maragousis

 (202) 382-2182, FTS 382-2865

The Superfund Docket provides public access to information supporting all regulatory decisions issued under the Comprehensive Environmental Response, Compensation, Liability Act of 1980 (CERCLA), as amended. This includes records of proceeding under the Emergency Planning and Community Right-to-Know Act of 1986, Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986. The Docket also includes CERCLA guidance documents and information supporting rulemaking under authority of Section 3012 of the Resource Conservation & Recovery Act.






# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Dockets Section*

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### Toxic Substances Docket


Doug Sellers

 (202) 382-3598, FTS 382-3598

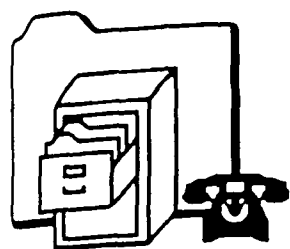
The Office of Toxic Substances (OTS) Public Information Office houses the official copies of all OTS administrative records supporting regulatory decisions promulgated under the Toxic Substances Control Act (TSCA). The Public Information Office also maintains original materials submitted by industry in compliance with TSCA regulations. All of the records maintained in the office are available to the public for review and copying.

### Underground Storage Tank Docket

Carol Peterson-Lopez

 (202) 475-9720, FTS 475-9720

The Underground Storage Tank (UST) Docket provides public access to regulatory information supporting the Agency's regulatory actions on USTs. As of April 1, 1988, there are seven dockets: (1) UST Notification Form; (2) Technical Standards for USTs Containing Petroleum; (3) Financial Responsibility Requirements for USTs Containing Petroleum; (4) State Program Approval; (5) Report to Congress on Exempt Tanks; (6) Consolidated Rules of Practice Governing the Administrative Assessment of Civil Penalties and Revocation or Suspension of Permits; and (7) Financial Responsibility Requirements for USTs Containing Hazardous Substances.




# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## *Hotlines Section*

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### **Air RISC Hotline**


Daniel J. Guth/Winona Victory

 FTS 629-0888, (919) 629-0888

The Air RISC Information Support Center Hotline has been developed to assist State and local air pollution control agencies and Environmental Protection Agency Regional Offices with technical matters pertaining to health, exposure, and risk assessment of toxic air pollutants.

### **Asbestos Technical Information Service**


Information Contact

 (202) 554-1404

This service provides technical information and asbestos publications.

### **Bureau of Alcohol, Tobacco, and Firearms**


Jeff Smith

 (800) 424-9555, (202) 566-7777

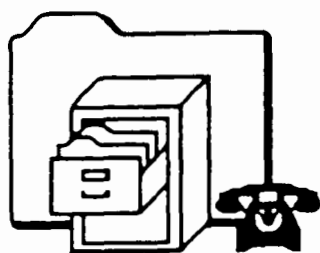
A 24-hour hotline for reporting the discovery of explosives. Staffed by explosive specialists and the contact for explosive ordinance (EOD) teams from the Department of Defense.

### **Bureau of Explosives Hotline**

Information Contact

 (202) 639-2222

The Bureau of Explosives Hotline is run by the Association of American Railroads and is a 24-hour emergency number which can be used for assistance




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses *Hotlines Section*

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for hazardous materials incidents involving railroads and often contacted through CHEMTREC.

### Cancer Hotline


Information Contact

 (800) 422-6237

The Cancer Hotline is run by the National Institutes of Health. This hotline will provide information on cancer and references to proper sources who can answer your questions.

### Capitol Switchboard


Information Contact

 (202) 224-3121

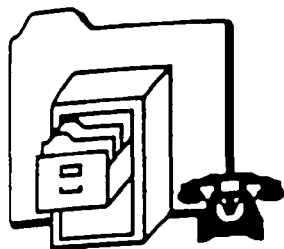
The office of any committee or subcommittee member of Congress may be reached by calling this main number for the US Congress.

### CERCLA/RCRA Hotline

Densise Sines

 (800) 424-9346, (202) 382-3000

This hotline answers questions concerning the Resource Conservation and Recovery Act, Superfund and hazardous waste regulations. Requests for certain documents from the Federal Register and public laws are also handled in addition to referral to appropriate contacts. See also RCRA/CERCLA Hotline and Superfund Hotline.




# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## *Hotlines Section*

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### **CERCLIS Hotline**


#### **Information Contact**

 FTS 252-0056, (202) 252-0056

Provides technical support to users of the CERCLIS database. Serves as a central point-of-contact for CERCLIS users.

### **Control Technology Center Hotline**


#### **Bob Blaszczak**

 FTS 629-0800, (919) 541-0800

Provides engineering guidance and support on air pollution emissions and control technology to state and local air pollution control agencies and EPA Regional Offices.

### **D.O.T. Hotline**


#### **Jackie Smith**

 (202) 366-4488

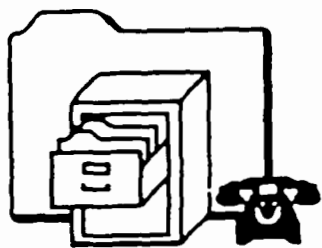
This Department of Transportation Hotline provides informational assistance pertaining to federal regulations for transportation of hazardous materials. This includes those regulations contained in CFR-49.

### **EPA Region III Hotline (Available Only In Region III)**

#### **Information Contact**

 (800) 438-2474

The EPA Region III Hotline provides general information on agency programs to the public and makes referrals as needed. It provides this information for



## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

### ***Hotlines Section***

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all Region III States - Washington, DC, Delaware, Maryland, Pennsylvania, Virginia, and West Virginia.

### **EPA Region IV Hotline (Available Only In Region IV)**



(800) 241-1754

The EPA Region IV Hotline provides general information on agency programs to the public and makes referrals as needed. It provides this information for all Region IV states - Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee.

### **EPA Region V Hotline (Available only in Region V)**

Information Contact



(800) 621-8431, (800) 572-2515 (IL)

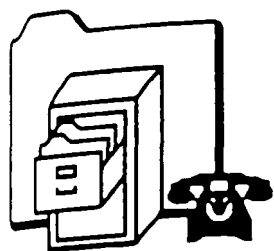
The EPA Region V Hotline provides general information on agency programs to the public and makes referrals as needed. It provides this information for all Region V states - Indiana, Michigan, Illinois, Minnesota, Ohio, Wisconsin.

### **EPA Region VII Hotline (Available only in Region VII)**



(800) 223-0425, (800) 221-7749 KS

The Region VII Hotline provides general information on agency programs to the public and makes referrals as needed. It provides this information for all Region VII States - Iowa, Kansas, Missouri, Nebraska.




# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## *Hotlines Section*

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### **EPA Region VIII Hotline (Available only in Region VIII)**

 (800) 525-3022

The Region VIII Hotline provides general information on agency programs to the public and makes referrals as needed. It provides this information for all Region VIII States - Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming.

### **Inspector General Hotline**


Ed Maddox

 (202) 382-4977, (800) 424-4000

The Inspection General Hotline was established to receive and control complaints alleging fraud, waste, abuse or mismanagement within the Environmental Protection Agency.

### **McKin Site Hotline, Maine, Region I**


Marina Marane

 (207) 657-2087

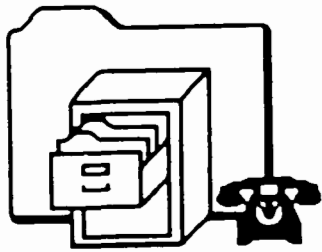
The McKin Site Hotline provides information on Cleanup Efforts at Superfund Site in Grey, ME.

### **National Animal Poison Control Center**

Information Contact

 (217) 333-3611

The Center, at the University of Illinois, provides 24-hour consultation in diagnosis and treatment of suspected or actual animal poisonings or chemical



# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## ***Hotlines Section***

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contaminations. Response team will investigate in North America and perform laboratory analysis of feeds, animal specimens and environmental materials for toxicants and chemical contaminants.

### **National Poison Control Center Hotline**

Information Contact



(202) 625-3333

The National Poison Control Center Hotline is operated by Georgetown University Hospital in Washington, DC. It provides information on accidental ingestion of chemicals, poisons, or drugs.

### **National Response Center U.S. Coast Guard Hotline**

Information Contact



(800) 424-8802, (202) 426-2675

This Department of Transportation National Response Center can be used to report spills of oil and other hazardous materials where required. It can also be used to report incidents in transportation where hazardous materials are responsible for death, serious injury, property damage in excess of \$50,000 or continuing danger to life and property.

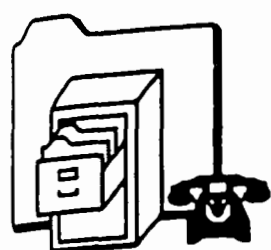
### **National Response Center-CHRIS**

Ensign Bradford or Duty Officer



(800) 424-8802, (202) 426-2675

Chemical Hazard Response Information System provides information used as quick guidance for response.




# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

## *Hotlines Section*

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### **National Response Center-OHM-TADS**


Ensign Bradford or Duty Officer

 (800) 424-8802, (202) 426-2675

Oil and Hazardous Materials - Technical Assistance Data System provides information on toxicity, creativity, detection techniques, and chemical properties.

### **National Response Center-SANSS**


Ensign Bradford or Duty Officer

 (800) 424-8802, (202) 426-2675

Structural and Nomenclature Search System identifies substances when incomplete information is available.


### **Occupational Health Services, Inc. Hazardline**

Information Contact

 (800) 638-6660, (800) 223-8978

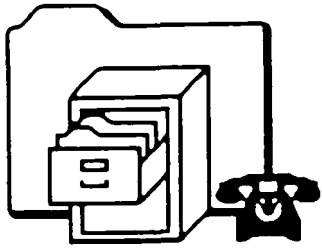
Information on chemical hazards through automated data system. Available to subscribers with telephone modem and printer.

### **RCRA Hotline, Iowa, Region VII**

 (800) 223-0424

The RCRA Hotline in Region VII provides information on implementation of RCRA in Iowa. The hotline is only available in Region VII states.





## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**

### *Hotlines Section*

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#### **RCRA/Superfund Hotline**

Denise Sines



(800) 424-9346, (202) 382-3000

The primary function of the Environmental Protection Agency's RCRA/Superfund Industrial Assistance Hotline is to provide assistance to the public and regulated community in understanding the EPA's regulations and policy pursuant to the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Underground Storage Tank (UST) programs. In addition to providing regulatory support, the Hotline also provides information on the availability of RCRA and CERCLA documents.

#### **Risk Communication Hotline**

Ernestine Thomas



FTS 382-5606, (202) 475-8665

Risk Communication Hotline

#### **RODS Hotline**

Information Contact



(202) 252-0056

Provides assistance for the RODS (Record of Decision System) Database.

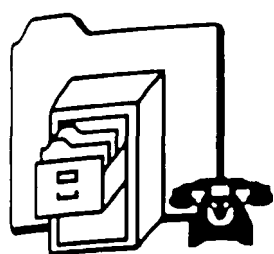
#### **Safe Drinking Water Hotline**

Denise Sines



(202) 382-5533, (800) 426-4791

The U.S. Environmental Protection Agency's Safe Drinking Water Hotline's



# **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**


## *Hotlines Section*

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primary function is to assist the public and the regulated community in understanding the EPA's drinking water regulations and programs developed in response to the Safe Drinking Water Act Amendments of 1986. The Hotline provides information on the availability of Safe Drinking Water documents and publications.

### **Small Business Hotline**


Karen Brown

 (800) 368-5888, (202) 557-1938

The Small Business Hotline is an EPA based hotline that gives advice and information to small businesses on complying with EPA regulations. It deals with problems encountered by small-quantity generators of hazardous waste and other small businesses with environmental concerns.


### **Superfund Hotline**

Denise Sines

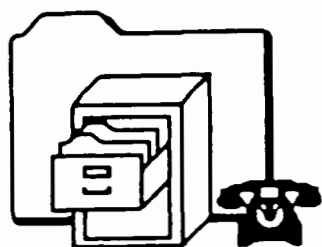
 (800) 424-9346, (202) 382-3000

This hotline answers questions concerning the Resource Conservation and Recovery Act, Superfund and hazardous waste regulations. Requests for certain documents from the Federal Register and public laws are also handled in addition to referral to appropriate contacts. See also CERCLA/RCRA Hotline and RCRA/CERCLA Hotline.

### **Superfund Hotline, Region II**

 (800) 346-5009 (NJ), (800) 722-1223 (NY)


The Superfund Hotline in Region II provides Superfund related information for Region II states.



## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses** *Hotlines Section*

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### **Superfund/Dioxin Hotline, Missouri, Region VII**

 (800) 892-5009

The Superfund/Dioxin Hotline provides information on Dioxin and related concerns for contaminated areas in Missouri.

### **Title III-Community Right-to-Know Hotline**


Denise Sines

 (800) 535-0202, (202) 479-2449

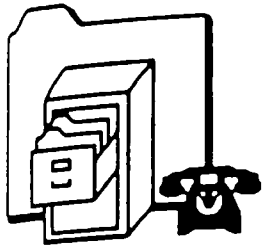
The U.S. Environmental Protection Agency's Emergency Planning and Community Right-to-Know Information Hotline's primary function is to assist local and state government, federal agencies, the public and the regulated community in understanding the EPA's regulations and policy developed in response to the Emergency Planning and Community Right-to-Know Superfund Amendments and Reauthorization Act (Title III or SARA). The Hotline also provides information on the availability of documents concerning Title III and Chemical Emergency Preparedness Program (CEPP).

### **TSCA Hotline**

Wanda Woodburn

 (202) 554-1404

The Toxic Assistance Office at EPA will answer questions and offer general and technical assistance on the Toxic Substances Control Act. Staff will help to obtain guidance on TSCA regulations including guidances on PCB's and asbestos issues.




# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Hotlines Section*

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### Unleaded Fuel Hotline, (Available only in Region I)


#### Information Contact

 (800) 821-1237, (800) 631-2700 (MA)

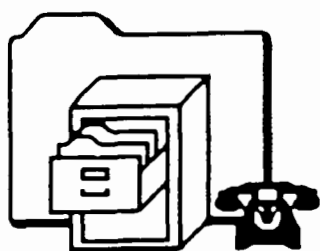
The Unleaded Fuel Tank Hotline is an enforcement-related line that takes calls about tampering with vehicles, pumps, and other problems related to unleaded fuels. It provides this service for Region I States; Connecticut, Massachusetts, New Hampshire, Rhode Island, Vermont.

### Waste Minimization Hotline, Region III

#### Glen Haupt

 (800) 826-5320, (800) 334-2467 (PA)

The Waste Minimization Hotline provides technical assistance and education on waste minimization. It provides this information for all Region III States; Washington, DC, Delaware, Maryland, Pennsylvania, Virginia, West Virginia.



## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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#### ATI-NET

J. Ennen



(209) 294-4872



(209) 294-4265 (300/1200 baud),  
(209) 294-4615

The Agricultural Technology Information Network is sponsored by California Agricultural Tech. Institute., California State University, Fresno, CA 93740-0115. It provides users with information on career opportunities, weather, and the Agricultural Research Funding Information System and a listing of other agriculture-related bulletin boards. The Network also includes a full service electronic mail and teleconferencing system. The system is provide free of charge.

#### CAMEO

Bulletin Board Director



(206) 526-6317



The Cameo Bulletin Board is an easy to use interactive electronic bulletin board that provides CAMEO users a means to communicate with NOAA personnel, to ask questions, to get answers, to exchange information and ideas, and to follow the status of updates and enhancements to CAMEO. It is the primary media through which to obtain and exchange information on the use of CAMEO. Expertise in applying CAMEO to EPCRA-based situations is available for both NOAA personnel (developers of CAMEO) and system users. Contact the bulletin board directly to register.

#### CEAM Electronic Bulletin Board Systems (BBS)

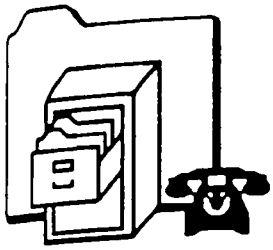
R. B Ambrose, Jr.



FTS 250-3130, (404) 546-3130



The CEAM Electronic Bulletin Board Systems (BBS) is designed to meet the



## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**


### ***Bulletin Boards Section***


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increasing demand for exposure assessment models. It is supported by the the Environmental Protection Agency's Office of Research and Development's Center for Exposure Assessment Modeling in Athens GA. It provides more efficient communication between users and support staff, as well as immediate acquisition of models by those users under extreme time pressure. The CEAM BBS has been installed using a commercially available 7 days a week, 24 hours a day. The System Operator may be paged through the BBS from 9:00 AM until 4:00 PM Monday thru Friday for assistance.

### **Center for Hazardous Waste Management at IIT Center, Chicago**

R. Snow


 (312) 567-4250


 (312) 567-4226

The Center for Hazardous Waste Management at IIT Center, Chicago provides a bulletin board for hazardous waste information. The system includes information on regulations, health, treatment methods, waste minimization, groundwater, municipal waste and software. Consultants and remedial contractors can also use the system to list their services. The bulletin board provides users with a message base.

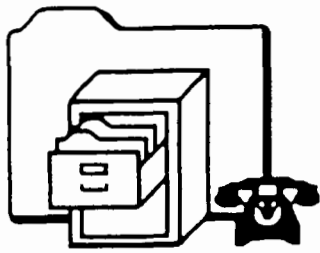
### **CIME-ISE**

Greg Jackson

 (212) 705-7413 or 7035, (608) 233-0453

 (608) 233-3378

CIME-ISE (Computers in Mechanical Engineering - Information and Software Exchange) is provided by the American Society of Mechanical Engineers. It provides access to more than 700 public domain, shareware or demonstration programs. The Program also provides descriptions of proprietary software, public domain or demonstration programs.



# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Bulletin Boards Section*

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### Climate Dial-up

V. Patterson



(301) 763-4670,



The Climate Dial-up system is sponsored by the National and Oceanographic Atmospheric Administration, and is designed for analysts using near real-time climatological data. The system is available to the public, however a user-fee is charged.

### Electronic Information Exchange System (EIES)

Myles E. Morse



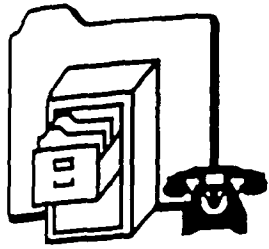
FTS 475-7161, (202) 475-7161



Electronic Information Exchange System (EIES) is the computerized information network of the Pollution Prevention Information Clearinghouse (PPIC), and is sponsored by the Environmental Protection Agency's Office of Environmental Engineering and Technology Demonstration, Pollution Prevention Office and the Office of Program Management and Technology.

EIES is an electronic conduit to information and databases and a national and international communication network. EIES is designed to help users:

- Access technical and programmatic information
- Ask and answer technical and policy questions
- Find and order documents
- Locate expert assistance
- See upcoming Pollution Prevention activities and events
- Discover grants and project funding opportunities
- Save money by showing users how to reduce waste and reduce liabilities.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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#### Emergency Management Institute (EMI) Bulletin Board System

Information Contact


 (301) 447-1162



The Emergency Management Institute (EMI) Bulletin Board System is an interactive electronic bulletin board that provides current information on emergency management training courses, conferences, and workshops sponsored by EMI.

#### Engineering Bulletin Board System (EBBS)

A. Skwara

 (805) 252-2177




(805) 252-4182

The Engineering Bulletin Board System (EBBS) provides paid subscribers with online access to nearly 200 civil and structural engineering programs. EBBS provides subscribers with access to specialized discussion conferences and newsletters.

#### EnviroNet

M. Lauriente

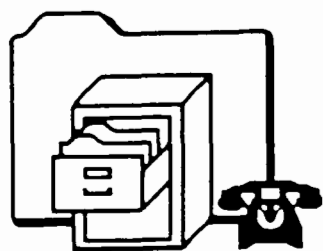
 (301) 286-5690



(301) 286-9000

Goddard Space Flight Center provides the EnviroNet system of databases for user interested in Space Shuttle and Space Station information. The system provides atmospheric models, messages, news and information regarding radiation and other space environment aspects of the Space Shuttle and Space Station projects. A User's Guide is available from GSFC, Attn: M. Lauriente, Code 410.1, Greenbelt, MD 20771.





## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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#### Food and Agriculture Policy Research Institute

J. Travlos



(314) 882-4827



(314) 882-8289

The Food and Agriculture Policy Research Institute at the University of Missouri-Columbia Ext. provides a bulletin board of agriculture information. The bulletin board includes public domain programs related to agriculture and long-range forecasts provided by the Food and Agriculture Policy Research Institute.

#### Hazardous Materials Information Exchange (HMIX)

Information Contact



(800) 752-6367, (800) 367-9592  
tollfree in Illinois



(312) 972-3275

The Federal Emergency Management Agency (FEMA) and the Department of Transportation (DOT) sponsor the Hazardous Materials Information Exchange (HMIX) at Argonne National Laboratory. HMIX is a source of information about the prevention of, preparation for, and mitigation of hazardous materials emergencies. The system features Federal training courses, instructional material and literature listing, calendar of conferences, and information on tollfree numbers and online databases. HMIX will provide a user's guide upon request.

#### Infolink

Robin Beard

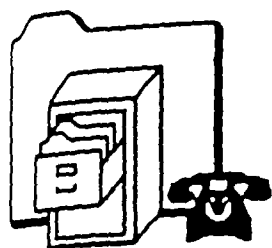


(202) 586-5722



(202) 586-9359 or (202) 586-5406

The Office of Civilian Radioactive Waste Management's (OCRWM) Infolink bulletin board provides information on meetings, conferences and program schedules, as well as Congressional testimony and technical documentation.



## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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#### KOSMOS

##### Information Contact



(800) 424-2488, (202) 462-6900,  
ext. 281



The American Geophysical Union operates KOSMOS, an electronic mail and information network which features searchable databases, online ordering, legislative alerts and real time conferencing. KOSMOS is part of the Telemail network, and is provided on a fee basis.

#### National Agricultural Library Forum (ALF)

K. Schneider



(301) 344-2113



(301) 344-8510

The National Agricultural Library Forum (ALF) bulletin board in Beltsville, MD provides users with access to technical information including, the AGRICOLA database, bibliographies and expert system programs on topics such as groundwater technology, irrigation, alternative crops, pesticides and herbicides.

#### National Environmental Data Referral Service (NEDRES)

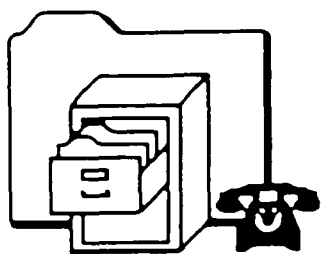
G. Barton or B. Roberts



(202) 673-5404



The National and Oceanographic Atmospheric Administration sponsors the National Environmental Data Referral Service (NEDRES). NEDRES provides a computer-searchable database on national, local, and global data related to topics such as climatology, oceanography, geophysics, hydrology, and remote sensing. It is available to the general public on a regular fee basis or on a "membership" fee basis under which users agree to identify



## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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environmental data sets, and related information, for inclusion in the database and in return receive a credit towards search charges.

### **Pesticide Monitoring Inventory (PMI)**

System Operator



(703) 557-7499, 7494, 5455



(703) 557-1919

The Pesticide Monitoring Inventory (PMI) is a compilation of monitoring projects performed by state, local and Federal governments and private institutions. The database contains a short synopsis of each project, including substrates, chemicals and location. The Inventory also lists the name, address and phone number of contact for further information on a specific project. PMI also includes a message base. For more information contact the system operator for operating parameters and Chemical Index Information retrieval guides.

### **TIGER (Topologically Integrated Geographic Encoding and Referencing)**

L. Bowling

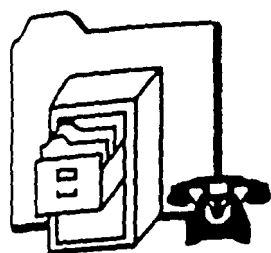


(301) 763-1580



(301) 763-1568

The TIGER (Topologically Integrated Geographic Encoding and Referencing) automated database includes announcements, data formats, product descriptions, bibliographies or professional papers, and other information of particular interest to users of Census Bureau geographic base and US Geological Survey digital line graph products.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Bulletin Boards Section*

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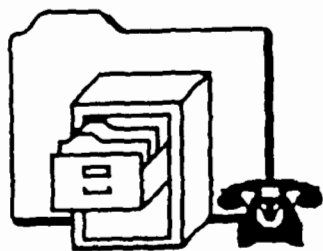
### US Geological Survey's Earth Science Data Directory

C.R. Baskin

 (703) 648-7112



The US Geological Survey's Earth Science sponsors a Data Directory which provides users online access to a major central repository of information about earth science and natural resource databases. The Data Directory provides both automated and non-automated information from many different organizations. Users are guided through a series of menus, and results can be presented in any of several different user-selected formats.




## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses** *Clearinghouses Section*

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### **Alternative Financing Mechanisms for State Water Program Clearinghouse**


Elizabeth Niher

 (202) 382-5818

As part of the Office of Water's State Funding Study, it is developing a collection of documents on alternative financing mechanisms for state water programs.

### **Alternative Treatment Technology Information Center**


Michael Mastracci

 (202) 382-5747, (800) 424-9346

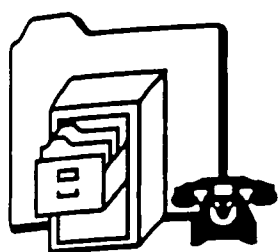
The Alternative Treatment Technology Information Center is an information center designed to serve the needs of EPA staff as well as other individuals and groups involved with Superfund cleanup activities and alternative technology development and use.

### **Asbestos Ombudsman Clearinghouse**

Karen Brown

 (202) 557-1938, (800) 368-5888 (outside VA)

The assigned mission of the Asbestos Ombudsman Clearinghouse is to provide to the public sector, including individual citizens and community services, information on handling and abatement of asbestos in schools, the workplace and the home. In addition, interpretation of the asbestos-in-school requirements and publications are provided to explain recent legislation. More specifically, the Asbestos Hazard Emergency Response Act (AHERA) of 1986 has assigned the duties of the EPA Asbestos Ombudsman to include: receipt of complaints and requests for information, rendering assistance with regard to complaints and requests for information, making recommendations to the Administrator of the EPA as deemed appropriate.




# Dockets, Hotlines, Bulletin Boards, and Clearinghouses

## *Clearinghouses Section*

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### **BACT/LAER Clearinghouse**


Bob Blaszczak

 FTS 629-5432

The basic purposes of the BACT/LAER Clearinghouse are to: 1) provide State and local air pollution control agencies with current information on case-by-case control technology determinations that are made nationwide and 2) promote communication, cooperation, and sharing of control technology information among the permitting agencies.

### **Center for Environmental Research Information (CERI)**


Dorothy Williams

 FTS 684-7562, (513) 569-7562

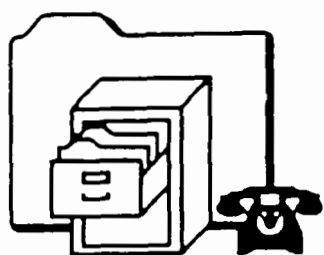
Office of Research and Development (ORD) has centralized most of its information distribution and technology transfer activities in Center for Environmental Research Information (CERI). CERI also serves as a central point of distribution for ORD research results and reports.

### **Clean Lakes Clearinghouse**

Molly Cameron/Terri Hollingsworth

 (202) 382-7111

The main purpose of the Clean Lakes Clearinghouse is to collect, organize, and disseminate information on lake restoration, protection, and management to researchers, EPA personnel, lake managers, and state and local governments.




## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses** *Clearinghouses Section*

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### **Congressional Desk, Documents Division**


Information Contact

 (202) 275-3030

The Congressional Desk will provide you with information on the availability and price of copies of public laws and will provide you a copy of public laws for a small fee.

### **Dial-A-Reg**


Information Contact

 (202) 523-5022

A recorded message of Federal Register highlights gives a summary of documents appearing in the next day's issue.

### **Emergency Management Information Center (EMIC)**


Information Contact

 (800) 638-1821, (301) 447-1032

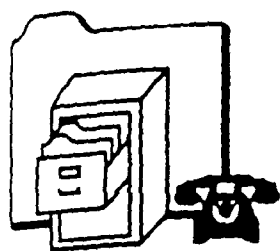
EMIC maintains case studies that document natural and technological disasters and may contain any or all of the following: videocassettes, overhead transparencies, slide/tape presentations, photographs, magazine/journal articles, reports, government documents, books, and bibliographies.

### **EPA Institute**

James Carr

 (202) 475-6678

The national clearinghouse for all Agency training activities, from



## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses**


### *Clearinghouses Section*

---

environmental sciences to enforcement to personal and professional development. The Institute focuses on in-house training, but serves as the Agency's training "broker" with other Federal agencies, State and local governments and associations, environmental organizations, etc.

### **EPA Model Clearinghouse**


Dean A. Wilson

 (919) 541-5863

Established at the request of the Regions, this clearinghouse reviews dispersion modeling techniques for criteria pollutants in specific regulatory applications and compiles and periodically reports for Regional Office Benefit Agency decisions concerning deviations from modeling guidelines.

### **Federal Register**


Information Contact

 (202) 783-3238

Single copies of Federal Registers with environmental regulations can be obtained from this office.

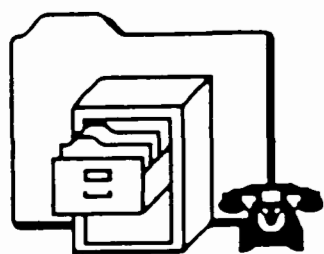
### **Geographic Information Systems Clearinghouse (GISC)**

Edward Partington

 FTS 475-9348, (202) 475-9348

The primary purpose of the Geographic Information Systems Clearinghouse (GISC) is to identify, collect, and provide access to sources of spatially-related data to the EPA GIS user community. Information in various formats (flat files, existing databases, geographic coverages, GIS applications) may be included in this Clearinghouse.






## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Clearinghouses Section*

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#### Hazardous Materials Technical Center


Karen Knight

 (800) 638-8958, (301) 468-8858

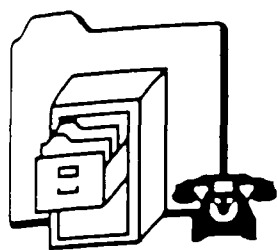
This center provides various services related to hazardous materials including a clearinghouse technical inquiry line, a newsletter for the Department of Defense about hazardous materials, maintenance of a collection of publications on hazardous management, and abstracting and publishing of literature related to hazardous materials. The services provided are free only to the Department of Defense; others must pay a fee to use them.

#### Hazardous Waste Ombudsman

Bob Knox

 (202) 475-9361

The hazardous waste management program established under RCRA is the most complex regulatory program developed by EPA. EPA has been hampered in its ability to handle complaints from the public and regulated community by not having a single office the essential purpose of which is to assist citizens and the regulated community in resolving problems concerning any program or requirement under the hazardous waste law. Recognizing this important need, EPA established an Office of Ombudsman at Headquarters and in each Regional Office.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Clearinghouses Section*

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#### INFOTERRA


Linda Spencer

 (202) 382-5917

Created by the United Nations Environment Program in 1972, INFOTERRA is a global information system operating in 134 countries. Its mission is to link national and international institutions and experts in a cooperative venture to improve the quality of environmental decision making.

#### Innovative/Alternative Projects Clearinghouse


Dan Walter (OMPC)

 (304) 293-4191

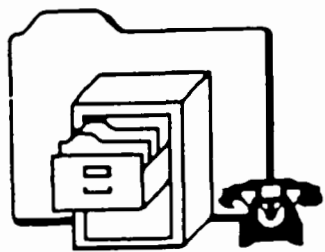
The Innovative/Alternative Projects Clearinghouse provides information on innovative/alternative projects to enable communities and grant applicants to identify and contact other sources with experience in technologies.

#### Learning Resource Center (LRC)

Information Contact

 (800) 638-1821, (301) 447-1032

LRC provides library and information services to the emergency management community and students at National Emergency Training Center (NETC). LRC maintains a collection with over 40,000 books, reports, magazines, and audiovisual materials. The center runs the Emergency Management Information Center and the Arson Resource Center.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses *Clearinghouses Section*

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### LEGIS


#### Information Contact

 (202) 225-1772

This office gives information on whether committee hearings have been held and dates of upcoming hearings, number of committee reports and status of legislation.

### Legislative Information Office


#### Information Contact

 (202) 225-1772

Provides information about the status of any bill in Congress.

### National Air Toxics Information Clearinghouse (NATICH)


#### John Vandenberg

 FTS 629-5556, (919) 541-0850

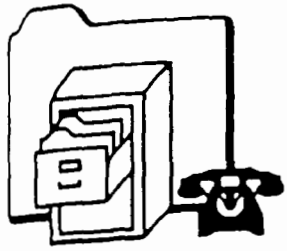
The primary purpose of the National Air Toxics Information Clearinghouse is to collect, classify, and disseminate air toxics information submitted by State and local air agencies, and to make the audience aware of published air toxics information from EPA, other Federal agencies, and similar relevant sources.

### National Pesticide Information Retrieval System

#### James H. White

 FTS 557-9351, (317) 494-6614

The National Pesticide Information Retrieval System was established at Purdue University in 1983 to provide quick, current and factual information about pesticides. By use of a computer based system and with cooperation




## **Dockets, Hotlines, Bulletin Boards, and Clearinghouses** *Clearinghouses Section*

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from the U.S. Department of Agriculture (USDA), the U.S. Environmental Protection Agency (EPA) and the states, NPRIS provides quick, current and factual information about pesticides.

### **National Pesticides Telecommunication Network**


Dr. F. R. Jonas

 (800) 858-7378, (806) 743-3091

Provides impartial information on pesticide products, basic safety practices, health and environmental effects, and cleanup and disposal procedures.

### **National Small Flows Clearinghouse**


Stephen P. Dix

 FTS 382-7285, (304) 293-4191, (800) 624-8301

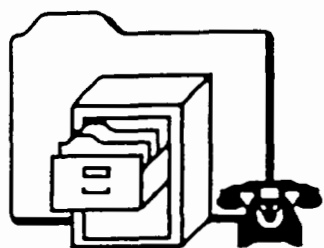
The purpose of the Clearinghouse is to collect, classify, and disseminate information on small alternative wastewater technology to small communities to assist them in wastewater management.

### **National Technical Information Service (NTIS)**

Information Contact

 (703) 487-4807

NTIS provides information about technical reports published by various sources, including EPA. Subjects include the physical and social sciences, computer science and technology, transportation, and state and local information.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Clearinghouses Section*

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#### Northeast Industrial Waste Exchange


##### Information Contact

 (800) 237-2481, (315) 422-6572 (For EPA Regions 1,3,NJ,OH,MI)

Provides information on waste exchange in the Northeast but with access to other areas. This exchange joins those who generate waste with those who desire waste.

#### OSHA Technical Data Center (TDC)


##### Information Contact

 (202) 523-9700

The OSHA TDC provides bibliographic references and full-text documents concerning safety, health, and hazardous materials in the workplace.

#### OTS Chemical Assessment Desk


Terry O'Bryan/Elaine Suriano

 (202) 382-3483, (202) 382-3544

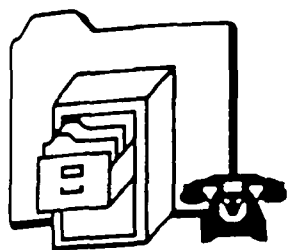
Provides technical consultation and information on chemical risk-related issues.

#### Public Information Center

Nancy Langford

 (202) 475-7751

The purpose of PIC is to distribute a wide variety of general, nontechnical information about EPA to private citizens, Federal, State and local agencies; industry; academia; and civic or environmental organizations.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Clearinghouses Section*

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#### Senate Document Room


##### Information Contact

 (202) 224-7860

The Senate Document Room disseminates information on the availability of and copies of bills, reports, public laws and calendars.

#### Small Business Ombudsman Clearinghouse


Karen Brown

 (703) 557-1938, (800) 368-5888

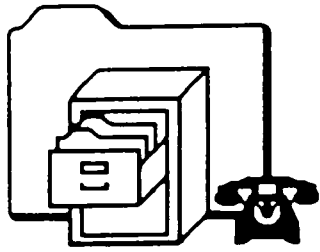
The mission of the EPA Small Business Ombudsman Clearinghouse is to provide information to private citizens, small communities, small business enterprises, and trade associations representing small business interests. In addition complaints are received from the small business sector regarding regulatory activities, etc. Mail outs are made to update the audience on recent regulatory actions. Special attention is directed to apprising the trade associations representing small business interests with current regulatory developments. Technical questions are answered following appropriate contacts with program office staff members. Questions addressed cover all program aspects within the EPA.

#### US EPA Title III Reporting Center

##### Information Contact

 (202) 488-1501

The Title III Reporting Center, located at 470 L'Enfant Plaza East, SW, Suite 7103 in Washington DC, responds to questions from the public and provides access to completed Section 313 Toxic Chemical Release Inventory forms. It receives, tracks, processes, and stores these forms for public dissemination.




## Dockets, Hotlines, Bulletin Boards, and Clearinghouses

### *Clearinghouses Section*

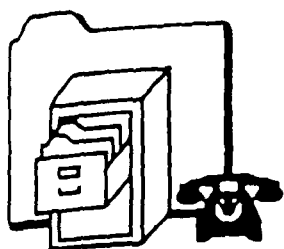
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### VOC/RACT Clearinghouse

Bob Blaszczak

 (919) 541-5432, FTS 629-5432

The VOC/RACT Clearinghouse is intended to be a long-term cooperative program between State and local Air Pollution Control Agencies and EPA to exchange technical information, to minimize duplication of effort, and to provide guidance to regulatory agencies in the development of VOC/ RACT regulations necessary to achieve attainment of the Ambient Air Quality Standard for Ozone.



# Dockets, Hotlines, Bulletin Boards, and Clearinghouses Index

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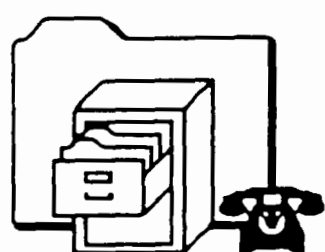
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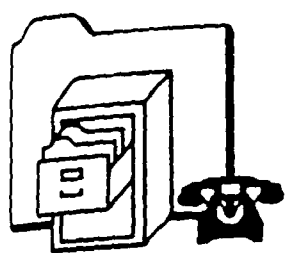
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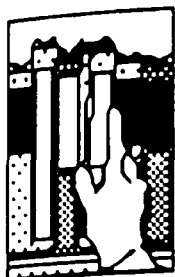
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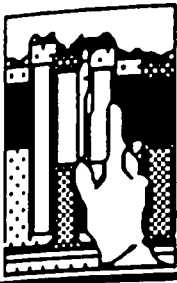


## Section E EPA Libraries

EPA has a network of 30 libraries located throughout the country. This section highlights each of these libraries by providing library-specific information on the general and special collections, databases accessed and various services provided to EPA staff and the general public. The organization of this section is as follows: first the Headquarters Library, followed by the specialized libraries, followed by the Regional libraries, followed by the laboratory libraries. For further information about these libraries please consult the Guide to EPA Libraries and Information Sources as listed below or call your nearest EPA library.

| SAMPLE ENTRY  |   |   |   |
|---|---|---|---|
| NAME AND LOCATION OF LIBRARY  | HEADQUARTERS LIBRARY - WASHINGTON, D.C.   |   | FTS NUMBER                              |
| MAILING ADDRESS   | 401 M Street, S.W., PM 211A<br>Room 2904 WSM<br>Washington, DC 20460  | FTS 382-5921<br>202-382-5921<br>EPA3738 | COMMERCIAL NUMBER                       |
| SPECIAL SUBJECT COLLECTIONS   | Special Collections: Hazardous Waste<br>Databases Accessed: CAS Online, CIS, DIALOG, Ground Water On-line, Hazardous Waste Database, ISI, LEXIS/NEXIS, NLM, Newsnet |   | E-MAIL NUMBER                           |
| COMMERCIAL AND INHOUSE DATABASES  |   |   |   |
| The EPA Headquarters Library is operated by the Information Management and Services Division under contract to Labat-Anderson, Inc. It provides information services covering a wide range of environmental and related subjects of interest to EPA staff and the general public. Major areas include                                       |   |   | GENERAL DESCRIPTION OF LIBRARY SERVICES |
| <ul style="list-style-type: none"><li>• Air and Radiation</li><li>• Chemistry</li><li>• Hazardous wastes</li><li>• Management</li><li>• Noise abatement</li><li>• Pesticides</li><li>• Resource Recovery</li><li>• Solid Waste</li><li>• Toxicology</li><li>• Wastewater Treatment</li><li>• Water Quality</li><li>• Water Supply</li></ul> |   |   |   |

Source: U.S. EPA, Office of Information Resources Management Guide to EPA Libraries and Information Sources September, 1989, EPA/IMSD/89-008.



## EPA Libraries

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### Headquarters Library - Washington, D.C.

401 M Street, S.W., PM 211 A  
Room 2904 WSM  
Washington, DC 20460

FTS 382-5921  
(202) 382-5921  
EPA3738

Special Collections: Hazardous Waste

Databases Accessed: CAS Online, CIS, DIALOG, Ground Water On-line,  
Hazardous Waste Database, ISI, LEXIS/NEXIS, NLM, Newsnet

The EPA Headquarters Library is operated by the Information Management and Services Division under contract to Labat-Anderson, Inc. It provides information services covering a wide range of environmental and related subjects of interest to EPA staff and the general public. Major areas include:

Air and radiation, Chemistry, Hazardous wastes, Management, Noise abatement, Pesticides, Resource recovery, Solid waste, Toxicology, Wastewater treatment, Water quality and Water supply.

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### Specialized Libraries

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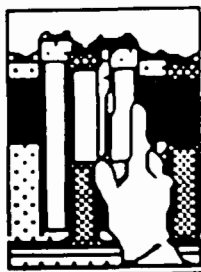
#### Law Library - Washington, DC

401 M Street, S.W., LE 130L Room 2902  
Washington, DC 20460

FTS 382-5919  
(202) 382-5619  
EPA2808

Special Collections: Administrative and Environmental Law

The EPA Law Library is maintained by the Office of General Counsel (OGC) to provide information services to the Agency's legal and enforcement personnel, and to the ten Regional Counsels. The collection contains approximately 9,000 volumes of legal and law-related material concentrating on Federal law, with special emphasis on administrative and environmental law. Included are statutes, codes, regulations, case reporters, digests, citators, and legal reference sources, as well as looseleaf services, newspapers, and 70 current law reviews and periodicals.



## EPA Libraries

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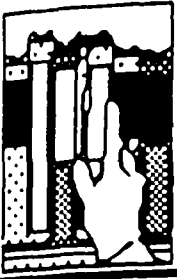
### Legislative Reference Library - Washington, DC

832 West Tower, A-102 401 M Street, SW  
Washington, DC 20460

FTS 382-5425  
(202) 382-5425

Databases Accessed: Legi-Slate, Congressional Quarterly Data Base (CQ)

The legislative library primarily supports the Office of Legislative Analysis, but also provides information for other EPA staff on request. The collection consists primarily of federal environmental legislation and related federal information. The library is mainly geared to the current Congress, but there are many older documents in the collection. The library responds to reference requests from EPA staff; Supplies copies of Congressional documents when possible; Tracks status of current environmental legislation; Compiles current status of pending environmental legislation organized by subject area and including the following information: Bill Number, Short title, Sponsor and cosponsor, Status, Dates of all actions. Compiles summaries of environmental laws; Compiles daily "Morning Report," a summary of current Congressional activities; Produces daily "Congressional Summary" highlighting environmental and budget legislative activity; distributes to EPA staff; You may ask to be put on a mailing list. Bills, Reports, and Public laws: Copies of current bills pending before Congress; Copies of committee reports for the current Congress and some previous Congresses; Copies of federal laws; Some compilations of laws published by Congress. Committee hearings: Organized chronologically by Congressional Committee and Subcommittee; As comprehensive as possible for the ten major environmental laws. Legislative Histories: Histories of environmental legislation published by Congress and other sources; Federal Register (Current six months); Congressional Record (From 1985 to present); Budget; Other Congressional reports when possible (OTA, CBO, CRS); Senate & House Calendars; U.S. Statutes at Large.



## EPA Libraries

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### Office of Toxic Substances, Non-Confidential Information Center - Washington, DC

401 M Street, S.W., Northeast Mall  
Room B002  
Washington, DC 20460

FTS 382-2320  
(202) 382-2320  
EPA7565

Special Collections: Chemical literature, Pesticides, Toxic Substances

The Office of Toxic Substances (OTS) Non-Confidential Information Center (NCIC) is in the Information Management Division, Office of Toxic Substances, Office of Pesticides and Toxic Substances (OPTS). The NCIC collection covers chemical literature in areas of: Biotechnology, Health, Chemical industry and process technology, International chemical control, Ecology and Pesticides.

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### Risk Communication Library

401 M Street, S. W. Rm 3220  
Washington, DC 20460

FTS 382-5606  
(202) 382-5606  
EPA3220

Special Collections: Risk communication training literature, conference proceedings, and workshop materials  
Databases Accessed: None

The Risk Communication Library contains a collection of EPA reports, books and articles that focus on risk communication. A bibliography of the collection is available.

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## Regional Libraries

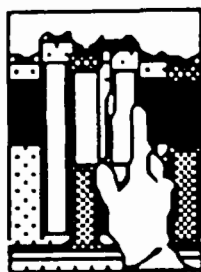
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### Region 1 Library - Boston, MA

JKF Federal Bldg.  
Boston, MA 02203

FTS 835-3300  
(617) 565-3300  
EPA9128

Special Collections: Hazardous Waste collection, Envirofiche since 1980, New England materials: Connecticut, Maine, Massachusetts, New



## EPA Libraries

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Hampshire, Rhode Island, and Vermont.

Databases Accessed: BRS, CAS On-line, CIS, DIALOG, Ground Water On-line, Hazardous Waste Database, LEXIS/NEXIS, NLM, CHEM, IRIS, EDRS, JURIS

The EPA Region I Library's collection still reflects some older New England river basin reports, but has been extensively developed in the areas of: Air pollution & control, Pesticides & Toxic Substances, Groundwater, Solid & Hazardous Waste, Health Effects and Water Pollution & Control.

---

### Region 2 Library - New York, NY

26 Federal Plaza Rm 402  
New York, NY 10278

FTS 264-2881  
(212) 264-2881  
EPA9299

Databases Accessed: DIALOG, Hazardous Waste Data Base, ISI, OLS, Groundwater On-line

The library, organized under the auspices of the Federal Water Pollution Control Administration, embraces all aspects of EPA's environmental mission.

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### Region 3 Information Resource Center - Philadelphia, PA

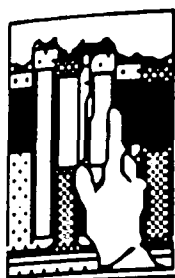
841 Chestnut Street 3PM52  
Philadelphia, PA 19107

FTS 597-0580  
(215) 597-0580  
EPA9337

Special Collections: There are special collections on wetland ecology and hazardous waste, law. In addition, a special effort is made to acquire published information on environmental conditions and trends within the five states and the District of Columbia which comprise Region 3.

Databases Accessed: CIS, DIALOG, Ground Water On-line, Hazardline, Hazardous Waste Database, LEXIS/NEXIS, TOXNET, IRIS, VuText

The Region 3 Information Resource Center (IRC) provides information support for a wide range of environmental programs and activities conducted by the Regional office. It also serves as an information resource



## EPA Libraries

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for the general public. Subject areas include: Air pollution, Pesticides, Employee Development, Radiation, Environmental law, Toxic Substances, Hazardous waste, Toxicology, Management, Water pollution and Wetlands.

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### Region 4 Library - Atlanta, GA

345 Courtland Street, N.E. G6  
Atlanta, GA 30365-2401

FTS 257-4216  
(404) 347-4216  
EPA9415

Special Collections: Hazardous Waste

Databases Accessed: CAS On-line, CIS, DIALOG, Dun & Bradstreet, Hazardous Waste Data Base, ISI, LEXIS/NEXIS, NLM, NPIRS, OHS, IRIS

The Region 4 Library provides a full range of library and information services, covering subjects from air and water pollution to toxics and hazardous waste with a variety of technical reports, reference books, journals and online computer services.

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### Region 5 Library - Chicago, IL

230 South Dearborn Street, Room 1670  
Chicago, IL 60604

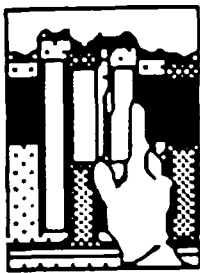
FTS 353-2022  
(312) 353-2022  
EPA9559

Special Collections: Hazardous waste

Databases Accessed: BRS, CIS, DIALOG, Ground Water On-line, Haz. Waste DB, ISI, LEXIS/NEXIS, NLM, ORBIT, MEDLARS, ORBIT, EDRS, JURIS, RODS

The subject areas of the collection are: Air pollution, Air quality, Groundwater, Hazardous wastes, Noise, Pesticides, Recycling and resource recovery, Solid waste management, Toxic substances, Water pollution, Water quality, Water supply (drinking water). The emphasis is on the Great Lakes and the six states in the Region: Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin.





## EPA Libraries

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### Region 6 Library - Dallas, TX

1445 Ross Avenue, Allied Bank Tower  
Dallas, TX 75202-2733

FTS 255-6444  
(214) 255-6444  
EPA9696

Special Collections: Hazardous waste

The EPA Region 6 library includes materials on all EPA programs: Air pollution, Radiation, Hazardous waste, Solid waste, Noise, Toxic substances, Pesticides and Water pollution.

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### Region 7 Library - Kansas City, KS

726 Minnesota Avenue  
Kansas City, KS 66101

FTS 757-2828  
(913) 236-2828  
EPA9743

Special Collections: Hazardous waste

Databases Accessed: CIS, Hazardous Waste Data Base, LEXIS/NEXIS, NLM, Watstore, Startext, DIALOG, Groundwater On-line

The Region 7 Library provides information on a wide range of environmental subjects of interest to the Regional staff and the general public. Subject areas include: Agricultural pollution, Air pollution, Environmental law, Hazardous waste, Pesticides, Radiation, Solid waste management, Water pollution, Water quality and Water supply.

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### Region 8 Library - Denver, CO

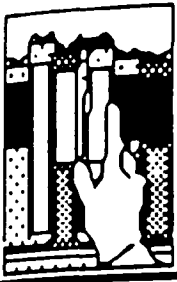
999 18th Street, Suite 1300  
Denver, CO 80202-21413

FTS 564-1444  
(303) 293-1414  
EPA9869

Special Collections: Hazardous waste

Databases Accessed: CARL, CIS, DIALOG, Ground Water On-line, Hazardous Waste Data Base, LEXIS/NEXIS

The Region 8 library includes materials on all EPA programs: air, water hazardous and solid waste, pesticides, toxic substances, noise and



## EPA Libraries

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radiation, particularly as they relate to the States within the Region. In addition, because the Rocky Mountain area is rich in energy resources, the library collects material relating to energy resource development and its relationship to the environment. And finally, to support other Agency programs, the collection incorporates publications relating to economics, planning, transportation, management and employee development.

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### Region 9 Library - San Francisco, CA

215 Fremont Street, 6th Floor  
San Francisco, CA 94105

FTS 454-8082  
(415) 974-8082  
EPA9956

Special Collections: Environmental Impact Statements, Hazardous Waste, Speeches given by EPA Senior Staff

Databases Accessed: CIS, DIALOG, Hazardline, Hazardous Waste Data Base, OECM, IRIS, NEXIS/LEXIS, Groundwater On-line

The Region 9 library's major subject areas include:

Air pollution and control, Pesticides, Environmental health and safety, Radiation, Hazardous waste, Research and development, Law and Solid waste.

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### Region 10 Library - Seattle WA

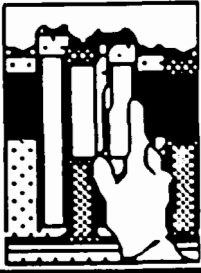
1200 Sixth Avenue (MD-108)  
Seattle, WA 98101

FTS 399-1289 or 1259  
(206) 399-1289 or 1259  
EPA9085

Special Collections: Environmental Impact Statements, Hazardous Waste

Databases Accessed: CIS, DIALOG, Ground Water On-line, Hazardous Waste Data Base, LEXIS/NEXIS, NLM, JURIS, EDRS, TOXNET, TOXLINE, ISI, IRIS

The Region 10 library's holdings include: monographs, serials, a basic environmental law collection, EPA reports (both hard copy and microfiche) and local and State government reports. The collection was originally heavily oriented toward water pollution, but has since been developed to encompass all other areas of environmental quality.



## EPA Libraries

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### Laboratory Libraries

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#### Andrew W. Briedenbach Environmental Research Center Library - Cincinnati, OH

26 W. Martin Luther King Drive  
Cincinnati, OH 45268

FTS 684-7707  
(513) 569-7707  
EPA3141

Special Collections: Environment, Canada, Legal, Hazardous waste, Solid waste

Databases Accessed: BRS, CAS On-line, CIS, DIALOG, Dun & Bradstreet, Hazardous Waste Data Base, LEXIS/NEXIS, NLM, Toxline, Toxnet, Ground Water On-line, Pergamon, OHS MSDS Computer Library, Infoline, Chembank, Medline, NTIS

The major subjects in the collection are: Bacteriology, Biology, Biotechnology, Chemistry, Engineering, Hazardous waste, Hydrobiology, Microbiology, Solid waste management, Toxicology, Water pollution and Water quality.

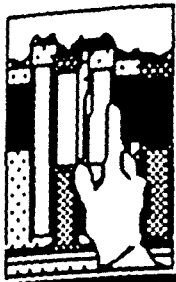
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#### ASRL-Meteorology, Research Triangle Park, North Carolina

Research Triangle Park MD-59, NC 27711

FTS 629-4536  
(919) 541-4536  
EPA8491

Its major field of interest is the meteorological aspects of air pollution, including model development and application, climatic analysis, and geophysical studies. The library holds a collection of climatic data material consisting of approximately 4,000 climatic data material reports on microfiche, over 400 rolls of film of synoptic data, surface and vorticity charts, and a large body of topographic maps.



## EPA Libraries

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### Central Regional Laboratory (CRL) Library - Annapolis, MD

839 Bestgate Road  
Annapolis, MD 21401

FTS 922-3752  
(301) 266-9180  
EPA9385

Special Collections: Chesapeake Bay Collection

The Central Regional Laboratory (CRL) library was established in support of the Regional Laboratory which started in Annapolis in 1964. The subjects in the collection focus on: Biology, Chemistry, Ecology, Engineering, Hazardous Waste, Hydrology, Oceanography. To serve the highly diversified expertise of the laboratory scientists and engineers, material is provided in aquatic biology, analytical chemistry, automated laboratory techniques, industrial wastewater monitoring, toxic and hazardous substances, and mathematical modelling.

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### Environmental Monitoring Systems Laboratory Library - Las Vegas, NV

944 E. Harmon Avenue  
(P.O. Box 93478, Zip Code 89193)  
Las Vegas, NV 89119

FTS 545-2648, or 2646  
(702) 798-2648, or 2646  
EPA8239

Special Collections: Hazardous Waste

The mission of the Environmental Monitoring Systems Laboratory is to develop, evaluate and apply methods and strategies for monitoring the environment. Major program areas include: Advanced analytical methods, Advanced monitoring methods, Exposure assessment, Monitoring network design, Quality assurance, Radiation monitoring and Special projects.

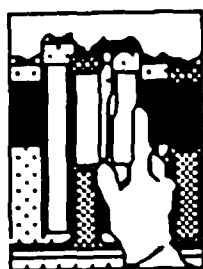
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### Environmental Research Laboratory (ERL) Library - Gulf Breeze, FL

Sabine Island  
Gulf Breeze, FL 32561

FTS 686-9011 ext 218  
(904) 932-5311 ext 318 ILL  
EPA8478

Databases Accessed: DIALOG, Ground Water On-line



## EPA Libraries

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The Gulf Breeze Environmental Research Laboratory (ERL) Library provides information services to ERL employees and the general public. The Library's subject areas include: Aquatic toxicology, Microbiology, Genetic engineering, Pathobiology, Marine ecology and Pesticide science.

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### Environmental Research Laboratory (ERL) Library - Duluth

6201 Congdon Boulevard  
Duluth, MN 55804

FTS 780-5538  
(218) 720-5538  
EPA8451

Databases Accessed: BRS, OCLC

The library was founded in 1967 for the purpose of assisting the research staff of the then National Water Quality Laboratory. Its major fields of interest are: Analytical chemistry, Fisheries biology and Water pollution.

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### Environmental Research Laboratory (ERLN) Library Narragansett, RI

South Ferry Road  
Narragansett, RI 02882

FTS 838-6025  
(401) 782-3025  
EPA8461

Special Collections: • Estuarine and marine disposal and discharge of complex wastes, dredged materials, and other wastes. • Water use designation and quality criteria for estuarine and marine water and sediment. • Environmental assessment of ocean discharge.

The Environmental Research Laboratory Narragansett (ERLN), with its field station in Newport, Oregon, is the Agency's center for marine, coastal and estuarine water quality research.

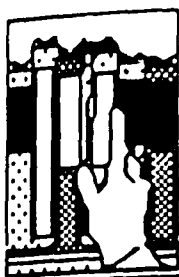
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### Environmental Research Laboratory (CERL) Library - Corvallis, OR

200 SW 35th Street  
Corvallis, OR 97333

FTS 420-4731  
(503) 757-4731  
EPA8421

Special Collections: Acid Rain



## EPA Libraries

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Databases Accessed: CIS, DIALOG, NLM

The Corvallis Environmental Research Laboratory (CERL) Library was established in 1966. The emphasis was on marine, estuarine and fresh water quality. Since EPA was established in 1970, the laboratory's responsibilities and the library collection have broadened to include air and terrestrial research. At present the laboratory has three branches: Toxics and Pesticides Branch, Hazardous Materials and Water Branch and the Air Branch. Research concerns acid precipitation and its effects on the ecosystem, wildlife toxicology, genetic engineering, wetlands and hazardous waste.

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### Environmental Research Laboratory (ERL) Library - Athens, GA

College Station Road  
Athens, GA 30613

FTS 250-3302  
(404) 546-3302  
EPA8431

Databases Accessed: CIS, DIALOG, Ground Water On-line, CAS On-line

The Athens Environmental Research Laboratory (ERL) library provides information services covering a wide range of environmental and management subjects. Subject areas include: Aquatic toxicology, Microbiology, Biology, Pesticides, Chemistry, Water pollution, Engineering and Water quality.

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### Library Services Office, Research Triangle Park, NC

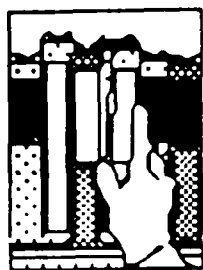
Research Triangle Park MD-35, NC 27711

FTS 629-2777  
(919) 541-2777  
EPA3128

Special Collections: Air Information, Hazardous waste

Databases Accessed: BRS, CAS On-line, CIS, DIALOG, Hazardline, Hazardous Waste Data Base, NLM

The Research Triangle Park (RTP) Library provides support to the Environmental Research Center, the Office of Air Quality Planning and Standards (OAQPS), the Environmental Criteria and Assessment Office, the National Computer Center and local Agency contractors. Collection



## EPA Libraries

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concentration is on chemical toxicity, all aspects of air pollution as well as the basic sciences, with some coverage of business and economics.

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### **Motor Vehicle Emissions Laboratory Library - Ann Arbor, MI**

2565 Plymouth Road  
Ann Arbor, MI 48105

FTS 374-8311  
(313) 668-4311  
EPA6476

Special Collections: Motor vehicle emissions

The Motor Vehicle Emissions Laboratory (MCEL) Library provides information services concentrated on automotive engineering to EPA staff and the general public. Subject areas include: Air pollution from mobile sources, Alternative alcohol fuels and Motor vehicle retrofit devices.

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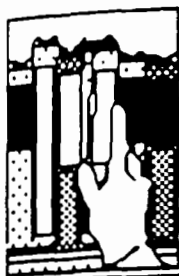
### **National Enforcement Investigations Center Library (NEIC) - Denver, CO**

Building 53, Box 25277, Denver Federal  
Center  
Denver, CO 80225

FTS 776-5122  
(303) 236-5122  
EPA2339

Special Collections: Hazardous waste, law  
Databases Accessed: BRS, CDS, CIS, Consent Decree System, DIALOG, FINDS, Groundwater On-line, HWDMS, ISI, LEXIS/NEXIS, NLM, PCS, SFFAS, STORET, VU-Text, Westlaw, IRIS, CERCLIS, EDRS

The collection comprises case files, technical reports, data compilations and background information used to develop the basis for field studies and enforcement actions; research and development reports on municipal, industrial and agricultural pollution abatement practices; enforcement conference documents and environmental law materials; technical reference materials covering chemistry, pesticides, toxic substances, air technology and hazardous wastes.



## EPA Libraries

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### Office of Air Quality Planning and Standards (OAQPS) Library

826 Mutual Plaza, MD-16  
Research Triangle Park, NC 27711

FTS 629-5514  
(919) 541-5514  
EPA3128

Special Collections: EPA/OAQPS Reports

The subject focus is on air pollution and control technology, including material on costs, chemical technology, minerals and statistics. The reference collection emphasizes chemistry and engineering.

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### Region 2 Field Office Library - Edison, NJ

Edison, NJ 08837

FTS 340-6762  
(201) 321-6762  
EPA9299

Databases Accessed: DIALOG

The library was organized in 1966 under the auspices of the Federal Water Pollution Control Administration. It was originally heavily oriented toward water, but now includes materials on all EPA programs: Air, Solid waste, Hazardous wastes, Toxic substances, Pesticides, Water and Radiation.

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### Robert S. Kerr Environmental Research Laboratory Library - Ada, OK

P.O. Box 1198  
Ada, OK 74820

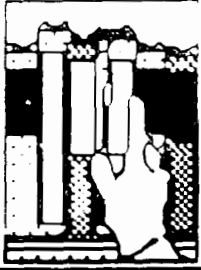
FTS 743-2241  
(405) 332-8800  
EPA8441

Special Collections: Hazardous waste

Databases Accessed: Ground Water On-line

The Robert S. Kerr Environmental Research Laboratory (RSKERL), is the Agency's center of expertise for investigation of the soil and subsurface environment. Important areas of research at RSKERL include the study of the chemical and microbial contamination of groundwater and the mathematical and computer modeling of both the movement of





## EPA Libraries

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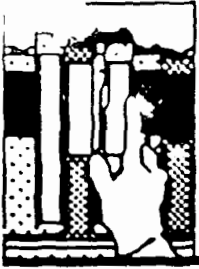
groundwater and the influence of various contaminants in this area of the environment. Sources of pollution, as well as migration and degradation of pollutants, are all topics of concern at RSKERL.



## EPA Libraries Index

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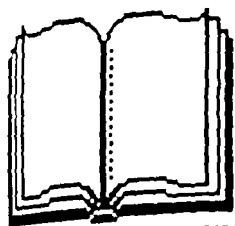
| Library Name   | Page   |
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| Environmental Research Laboratory (ERL) Library - Gulf Breeze, FL                | E - 9  |
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| Environmental Research Laboratory (ERL) Library - Duluth                         | E - 10 |
| Environmental Research Laboratory (ERLN) Library - Narragansett, RI              | E - 10 |
| Headquarters Library - Washington, D.C.  | E - 1  |
| Law Library - Washington, DC   | E - 1  |
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| Library Services Office, Research Triangle Park, NC                              | E - 11 |
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| National Enforcement Investigations Center Library (NEIC) - Denver, CO           | E - 12 |
| Office of Air Quality Planning and Standards (OAQPS) Library                     | E - 13 |
| Office of Toxic Substances, Non-Confidential Information Center - Washington, DC | E - 3  |



## EPA Libraries Index

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## Section F

# EPA Documents

This section is an alphabetic listing by title of selected documents published by the U.S. Environmental Protection Agency. It includes both general policy and administrative manuals and directives as well as subject specific reports and reviews. Additionally, sources of Federal laws and regulations, including those pertaining to and promulgated by the Agency are listed.

| SAMPLE ENTRY       |  |
|--------------------|--|
| TITLE              | Delegations Manual   |
| RESPONSIBLE OFFICE | EPA Office:<br>Office of Administration and Resources Management<br>Office of Administration<br>Management and Organization Division (MOD) |
| SOURCE             | Source:<br>EPA Distribution Center<br> (202) 382-2118   |
| DESCRIPTION        | This manual lists the assignment of specific legal and administrative authorities to appropriate EPA officials.                            |
|                    | TELEPHONE NUMBER   |

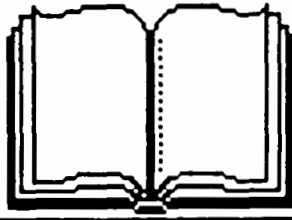
Unless the source is listed as the U.S. Government Printing Office, all offices and divisions are those of Agency Headquarters at 401 M Street, SW, Washington, DC 20460.

This is not meant to be a comprehensive listing of all Agency publications. If you know of the existence of a document which is not listed or want to learn more about what the Agency publishes on a specific subject, please consult the sources listed below. Additionally, EPA libraries, dockets, hotlines, clearinghouses, and electronic bulletin boards, as listed elsewhere in this directory, are sources of information on Agency documents.

There is no single source of Agency documents. However, EPA documents are available from the following sources:

National Technical Information Service  
U.S. Department of Commerce  
5285 Port Royal Road  
Springfield, VA 22161

To place an order: (703) 487-4650  
For help in identifying a title: (703) 487-4780



## Section F

# EPA Documents (Cont.)

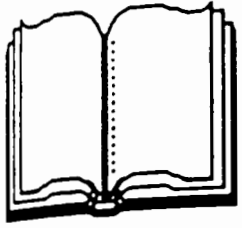
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Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402

Inquiry Order Desk: (202) 783-3238

U.S. Environmental Protection Agency  
Center for Environmental Research  
Information (CERI)  
26 West Martin Luther King Drive  
Cincinnati, OH 45268  
(513) 569-7391  
FTS 684-7391

U.S. Environmental Protection Agency  
Public Information Center  
410 M Street, SW  
Washington, DC 20460  
(202) 475-7751  
FTS 475-7751



# EPA Documents

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## Administrative Handbook/FSS Manual

**EPA Office:**


Office of Administration and Resources Management

Office of Administration

Facilities Management and Services Division (FMSD)

**Source:**

EPA Distribution Center

 (202) 382-2118

This handbook provides instructions and copies of forms used in the overall management of Facilities and Support Services activities.

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## Agency Operating Guidance


**EPA Office:**

Office of the Administrator (OA)

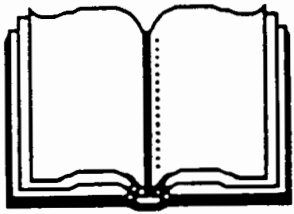
**Source:**

Accountability Systems Branch

Office of Policy, Planning, and Evaluation

 (202) 382-5439

Published annually (usually in March), the Guidance highlights the overall goals and major program activities for the coming fiscal year to assist Regions and States in planning and implementing their environmental programs. The Guidance also includes the Strategic Planning and Management System Measures (SPMS) which will be used to track progress in priority areas. The individual sections of the Guidance were prepared by the Headquarters media program offices, the Offices of External Affairs, and Administration and Resources Management.



# EPA Documents

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## Annual Report

Source:  
Council on Environmental Quality



(202) 395-5750

See Environmental Quality - CEQ's Annual Report

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## Assistance Administration Manual

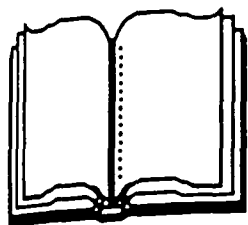
EPA Office:  
Office of Administration and Resources Management  
Office of Administration  
Grants Administration Division (GAD)

Source:  
Grants Administration Division  
Office of Administration



(202) 382-5240

This manual provides guidance on the administrative aspects of 33 specific areas of concern in the assistance field, including techniques to assist recipients and to inform them of EPA's expectations regarding assistance management. The procedures are applicable for all assistance programs of EPA except those under the Scientific Activities Overseas Program.



# EPA Documents

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## Awards Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center

 (202) 382-2118

This manual outlines the EPA Awards Program. It provides information on quality within grade increases, employee suggestions, and categories of awards such as honor, special achievement, career service, non-EPA, and commissioned officer.

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## Catalog of Superfund Program Directives

**EPA Office:**

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response (OERR)

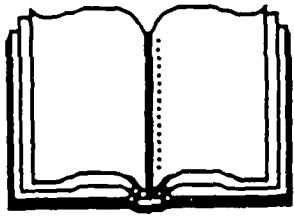
**Source:**

Superfund Docket

 (202) 382-6940

This is a bibliography in its interim format that will serve as an index and abstract catalog to assist the user in selecting the most current Superfund documents best suited for a particular need. Final directives are separated from Draft documents. All are indexed by program responsibility, key word, OSWER number and title, and contain brief abstracts of content. This 1989 version encompasses planned changes for managing guidance. The catalog is designed for loose-leaf maintenance with quarterly updates.





## EPA Documents

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### Citizens Guidance Manual for the Technical Assistance Grants (TAG) Program

**EPA Office:**

Office of Solid Waste and Emergency Response

Office of Emergency and Remedial Response

Hazardous Site Control Division (HSCD)

**Source:**

Superfund Docket



(202) 382-6940

This guidance provides a complete set of instructions for citizens interested in Technical Assistance Grants. It includes a step-by-step guide to applying for and managing the grant and all forms required by EPA with samples of completed forms. The manual will be current for the TAG program during its operation under the Interim Final Rule for section 117(3) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and will be revised upon publication of the Final Rule (expected in fall of 1989).

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### Code of Federal Regulations (C.F.R.)

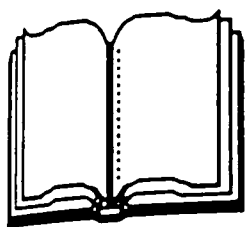
**Source:**

U.S. Government Printing Office



(202) 783-3238

This document codifies final regulations having general applicability and legal effect, which have previously appeared in the Federal Register.



# EPA Documents

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## Commissioned Corps Personnel Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration and Resources Management RTP

Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual describes procedures for preparing Commissioned Corps personnel actions, evaluations, awards, leave requests, and ID cards.

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## Committee Management Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration

Management and Organization Division (MOD)

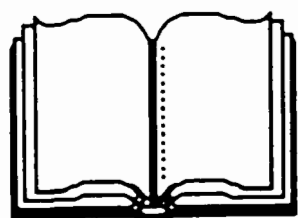
**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines procedures for the establishment, operation, renewal, and termination of advisory, intra-agency, and interagency committees of EPA officials.




# EPA Documents

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## Communications Manual

Source:  
EPA Distribution Center

 (202) 382-2118


This manual describes the internal and external communications of the Agency, such as information clearing procedures, news releases, mailing lists, periodicals, and consumer complaints.

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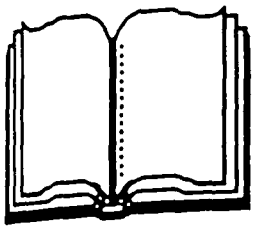
## Communications Volume/FSS Manual

EPA Office:  
Office of Administration and Resources Management  
Office of Administration  
Facilities Management and Services Division (FMSSD)

Source:  
EPA Distribution Center

 (202) 382-2118

This manual provides policies and procedures covering telecommunications, printing, and mail management.



# EPA Documents

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## Community Relations in Superfund - A Handbook (Interim Guidance)

EPA Office:

Office of Solid Waste and Emergency Response (OSWER)

Source:

Superfund Docket



(202) 382-6940

This guidance is applicable to all response actions conducted under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), whether performed by EPA, other Federal agencies, or State governments. It provides policy requirements for coordinating activities at Superfund sites and additional techniques and guidance that can be used to supplement and enhance a basic community relations program. This is a complete revision of the 9/83 version. Contains new material and revisions to reflect the Superfund Amendments and Reauthorization Act of 1986 (SARA) amendments and EPA policies issued since 1983.

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## Congressional Record

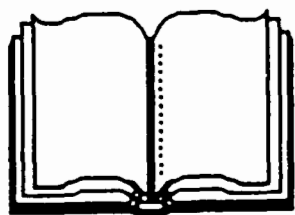
Source:

U.S. Government Printing Office



(202) 783-3238

The Congressional Record contains an edited transcript of all activities that take place on the floor of the U.S. House of Representatives and the U.S. Senate.



# EPA Documents

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## Contractor Requirements for the Control and Security of TSCA CBI

**EPA Office:**

Office of Pesticides and Toxic Substances

Office of Toxic Substances (OTS)

**Source:**

EPA Distribution Center



(202) 382-2118

These requirements outline the procedures for contractor and subcontractor employees to follow in handling confidential business information (CBI) relating to the Toxic Substance Control Act (TSCA).

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## Contracts Management Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration

Procurement and Contracts Management Division (PCMD)

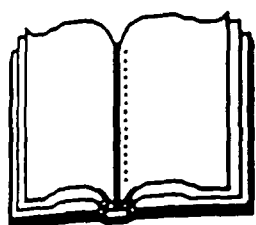
**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines the requirements which must be met in order to initiate a procurement action and the procedures which must be followed in soliciting and awarding a contract. It also covers specialized subject areas relating to treatment of minority contractors, processing unsolicited proposals, procurement of specialized services, and administration of incentive contracts.



# EPA Documents

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## Correspondence Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration

Management and Organization Division (MOD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual describes standards for style, grammar, capitalization, spelling, punctuation, and word usage, appropriate forms of address, and legal citations. It also includes procedures for memoranda, letters, telegrams, cablegrams, facsimile communication, envelopes, and mailing. Special requirements for the White House, Congressional, international, and Federal Register communications, and documents prepared for the Administrator's signature are also detailed.

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## Delegations Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration

Management and Organization Division (MOD)

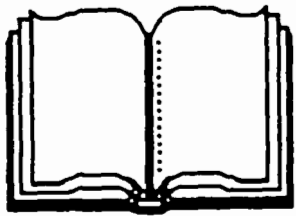
**Source:**

EPA Distribution Center



(202) 382-2118

This manual lists the assignment of specific legal and administrative authorities to appropriate EPA officials.



# EPA Documents

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## Digest of Public General Bills and Resolutions

Source:  
U.S. Government Printing Office



(202) 783-3238

This digest gives a synopsis of each public bill and resolution introduced into Congress.

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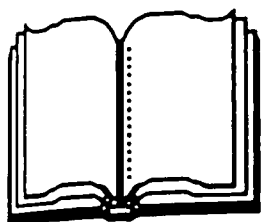
## Directives Manual

EPA Office:  
Office of Administration and Resources Management  
Office of Administration  
Management and Organization Division (MOD)  
Source:  
EPA Distribution Center



(202) 382-2118

This manual details procedures for the preparation, review and clearance, approval, reproduction, distribution, and filing of EPA Directives. It also lists current directives, along with abstracts of the directives.



# EPA Documents

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## Emergency Preparedness Volume/FSS Manual

### EPA Office:

Office of Administration and Resources Management

Office of Administration

Facilities Management and Services Division (FMSD)

### Source:

EPA Distribution Center



(202) 382-2118

This manual describes the measures to be undertaken to assure the performance of the Agency in the event of a national crisis or enemy attack.

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## Environmental Quality

### Source:

Council on Environmental Quality

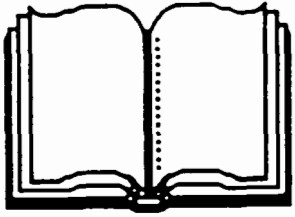


(202) 395-5750

This Annual Report of the Council on Environmental Quality (CEQ) sets forth the following issues in response to the National Environmental Policy Act of 1969:

- The status and conditions of the major natural, manmade, or altered environmental classes of the Nation;
- Current and foreseeable trends in the quality, management and utilization of the environment;
- The adequacy of available natural resources;
- A review of the programs and activities (including regulatory activities of the Federal Government, the State and local governments, and nongovernmental entities or individuals) with particular reference to their





# EPA Documents

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effect on the environment;

- A program for remedying the deficiencies of existing programs, activities, together with recommendations for legislation.
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## EPA Acquisition Regulations (EPAAR)

### EPA Office:

Office of Administration and Resources Management

Office of Administration

Procurement and Contracts Management Division (PCMD)

### Source:

Procurement and Contracts Management Division,

Office of Administration



(202) 382-5020

This manual presents a compilation of Agency procurement and contracts procedures.

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## EPA Budget - Fiscal Year Appropriations

### EPA Office:

Office of Administration and Resources Management

Office of the Comptroller

Budget Division (BD)

### Source:

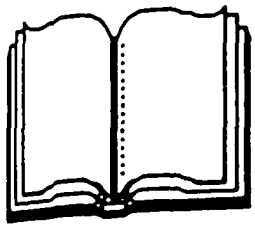
Budget Division,

Office of the Comptroller



(202) 475-8340

This document outlines the justifications of appropriation estimates for the Appropriations Committee. This "annual budget" is usually available by February for the coming fiscal year. The Office of the Comptroller provides both a summary document as well as the entire justification of appropriation estimates.



# EPA Documents

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## EPA Budget - OMB Submission

### EPA Office:

Office of Administration and Resources Management  
Office of the Comptroller  
Budget Division (BD)

### Source:

Budget Division,  
Office of the Comptroller

 (202) 475-9674

This document outlines the Agency's annual budget submission to the Office of Management and Budget (OMB).

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## EPA Headquarters Telephone Directory

### EPA Office:

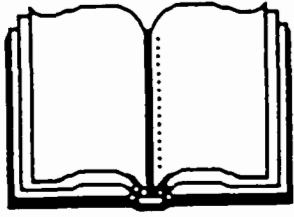
Office of Administration and Resources Management  
Office of Information Resources Management (OIRM)

### Source:

Office of Information Resources Management

 (202) 382-2626

This directory contains an annual listing of EPA headquarters telephone numbers. It includes office, division, and laboratory numbers for Regions and various useful information such as organization charts. The directory is printed in the spring, with an update in the fall.




# EPA Documents

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## EPA Journal

Source:  
U.S. Government Printing Office

 (202) 783-3238


The EPA Journal is a magazine published six times each year by the EPA to address environmental matters of interest.

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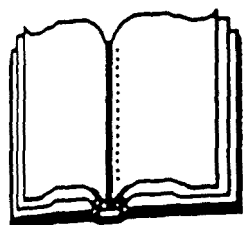
## EPA Regulatory Agenda

EPA Office:  
Office of Policy, Planning, and Evaluation  
Office of Standards and Regulations  
Information and Regulatory Systems Division (IRSD)

Source:  
Information and Regulatory Systems Division,  
Office of Standards and Regulations

 (202) 382-5480

The EPA Regulatory Agenda is one of the most valuable publications from EPA providing scientific information on the status of regulations that are under development, revision, and review at the Agency.



# EPA Documents

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## EPA Research Program Guide

### EPA Office:

Office of Research and Development

Office of Technology Transfer and Regulatory Support

Center For Environmental Research Information (CERI)

### Source:

Center for Environmental Research Information



(513) 569-7562

This guide, which is published annually, describes the Office of Research and Development's (ORD) research programs, ordered by media and focus of research.

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## EPA System Design & Development Guidance

### EPA Office:

Office of Administration and Resources Management

Office of Information Resources Management (OIRM)

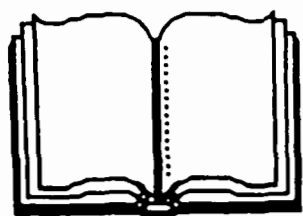
### Source:

Office of Information Resources Management



(202) 475-8675

These guidance documents are designed to help program managers obtain OIRM's approval of their requisitions for information systems. It provides a methodology for defining missions needs and for designing an information systems that will satisfy the OIRM review.



# EPA Documents

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## Equal Opportunity Manual

**EPA Office:**

Office of the Administrator  
Office of Civil Rights (OCR)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines the Equal Employment Opportunity (EEO) policy and procedures based on the Civil Rights Act, Executive Orders, and Federal Personnel Regulations. It also covers the EPA affirmative action program, complaint processing, appeals, and representation in discrimination complaint cases.

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## Facilities and Support Services (FSS) Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Facilities Management and Services Division (FMSD)

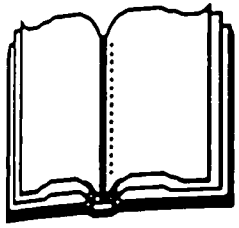
**Source:**

EPA Distribution Center



(202) 382-2118

The FSS manual has seven subject area volumes. These volumes have reference numbers 4810 through 4870, by tens. The EPA property Management Regulations have been included in each volume according to the subject area.



# EPA Documents

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## Facilities Management Volume/FSS Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Facilities Management and Services Division (FMSD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual contains policies and procedures for the acquisition and disposal of real estate; assignment, utilization and management of space; construction and alteration of facilities; and management and maintenance of buildings and grounds.

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## Facilities Safety Volume/FSS Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Facilities Management and Services Division (FMSD)

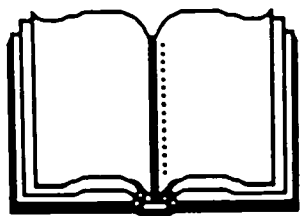
**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines construction inspection, building safety, and fire codes and identification standards.



# EPA Documents

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## Federal Lead Remedial Project Management Manual

### EPA Office:

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response  
Hazardous Site Control Division (HSCD)

### Source:

Superfund Docket



(202) 382-6940

This manual assists EPA Remedial Project Managers (RPM's) to manage Federal-lead remedial response projects. It describes in detail the responsibilities of the RPM during the planning, design, construction, operation, and close-out of remedial response projects. It provides RPM's with information on procedures for conducting Federal-lead remedial projects from pre-remedial investigation/feasibility study activities through site close-out.

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## Federal Register

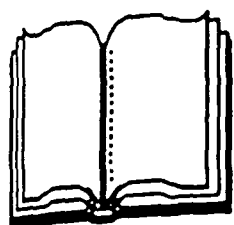
### Source:

U.S. Government Printing Office



(202) 783-3238

Proposed rules written by Federal agencies are published in the Federal Register along with notices of public hearings.



# EPA Documents

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## Federal Register: What Is It and How to Use It

Source:

U.S. Government Printing Office



(202) 783-3238

This booklet is an excellent source of information that will clarify the steps in the official publication of legislation and regulations and show you how to fully understand what is contained in the Federal Register.

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## Forms Management Manual

EPA Office:

Office of Administration and Resources Management

Office of Administration

Management and Organization Division (MOD)

Source:

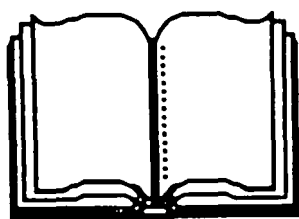
EPA Distribution Center



(202) 382-2118

This manual discusses forms development, design, numbering, titles, coordination and requirements for new, revised, and discontinued forms. This manual includes information on forms availability and the forms catalog.






# EPA Documents

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## Freedom of Information Manual

**EPA Office:**  
Office of the Administrator  
Office of Executive Support (OES)

**Source:**  
EPA Distribution Center

 (202) 382-2118


This manual provides guidance on policy and procedures for implementing the Freedom of Information Act relating to the availability of identifiable and unpublished records contained in EPA files.

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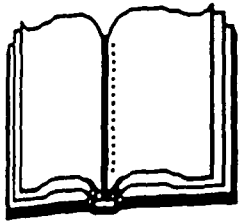
## Functions and Activities of the Office of the Inspector General

**EPA Office:**  
Office of the Inspector General (OIG)

**Source:**  
Office of the Inspector General

 (202) 382-3137

This manual details the functions and activities of the Office of the Inspector General.



# EPA Documents

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## Fund Control Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration and Resources Management RTP

Financial Management Division (FMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual explains the use and control of funds within the Agency and the role of the Financial Management office in this system, how to record transactions, process major types of spending actions, and the use of accounting numbers and codes and classification codes.

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## Glossary of EPA Acronyms

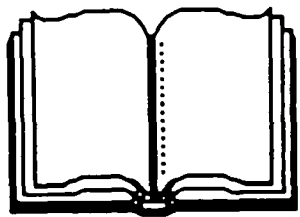
**Source:**

Guidance Development Section, Legal Enforcement Policy Branch, Office of Enforcement and Compliance Monitoring



(202) 475-8777

This document is maintained by the Guidance Development Section, Legal Enforcement Policy Branch, Office of Enforcement and Compliance Monitoring.



# EPA Documents

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## Guidance For Conducting RI/FS Under CERCLA

**EPA Office:**

Office of Solid Waste and Emergency Response (OSWER)

**Source:**

Superfund Docket



(202) 382-6940

The remedial investigation and feasibility study (RI/FS) process as outlined in this guidance represents the methodology that the Superfund program has established for characterizing the nature and extent of risks posed by uncontrolled hazardous waste sites and for evaluating potential remedial options.

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## Guidance for Utilization of Small, Minority & Women's Business Enterprises

**EPA Office:**

Office of the Administrator

Office of Small and Disadvantaged Business Utilization (OSDBU)

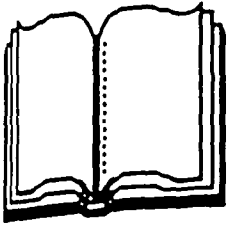
**Source:**

EPA Distribution Center



(202) 382-2118

This guidance document contains policies and procedural guidance for utilization of small, minority, and women-owned businesses under the Agency's financial assistance programs.



# EPA Documents

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## Guide for ADP Review

**EPA Office:**

Office of the Inspector General

Office of Management and Technical Assessment

Administrative and Management Services Division (AMSD)

**Source:**

EPA Distribution Center



(202) 382-2118

This guide outlines the procedures for performing Automated Data Processing (ADP) Systems reviews.

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## Guide to EPA Libraries and Information Services

**EPA Office:**

Office of Administration and Resources Management

Office of Information Resources Management

Information Management and Services Division (IMSD)

**Source:**

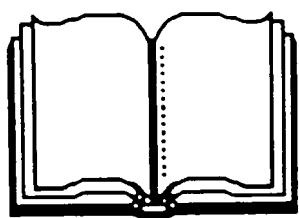
Office of Information Resources Management

Information Management and Services Division



(202) 475-8710

This guide provides background information on the collections of each of EPA's 28 network libraries.



# EPA Documents

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## Hazardous Waste Bibliography

**EPA Office:**

Office of Solid Waste and Emergency Response (OSWER)

**Source:**

Superfund Docket



(202) 382-6940

This bibliography is prepared by the Technology Transfer Task Force. It lists and abstracts the most important technical materials that should be readily available to all Federal and State hazardous waste staffs and their contractors. It assigns each document a level of importance as primary reference documents for Federal and State headquarters, regional, and field staffs.

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## Hazardous Waste Collection - Database Thesaurus

**EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management (OIRM)

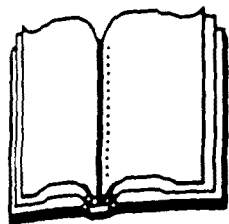
**Source:**

Office of Information Resources Management  
Information Services Branch



(202) 475-8710

The Hazardous Waste Collection Database Thesaurus provides unofficial, but non-technical terminology in the hazardous waste area.



# EPA Documents

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## Information Resources Directory (IRD)

Source:

EPA Distribution Center



(202) 382-5224

The IRD was developed by the Office of Information and Resources Management (OIRM) in response to the growing need for information sharing across the Agency. OIRM has gathered information about 11 types of widely used information resources, including information about EPA libraries, information systems, subject-specific contacts, and other experts across the agency.

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## Information Resources Management Policy Manual

EPA Office:

Office of Administration and Resources Management

Office of Information Resources Management

Information Management and Services Division (IMSD)

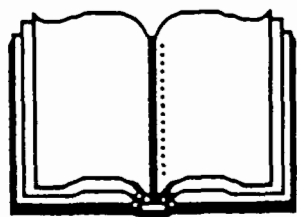
Source:

EPA Distribution Center



(202) 382-2118

This manual contains policy that governs the sharing of data between EPA and State environmental agencies developing data standards, planning, acquisition, development, maintenance, and use of Agency software, acquisition and operation of Automated Data Processing (ADP) resources; selection, installation, use maintenance, and administration of telephone services, information security, collection and records management, and operation of EPA library.



# EPA Documents

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## Information Systems Inventory (ISI)

**EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management  
Information Management and Services Division (IMSD)

**Source:**

Office of Information Resources Management



(202) 475-9344

The ISI presents basic information on over 500 EPA systems, data bases, and models.

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## Labor Management Relations Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Human Resources Management Division (HRMD)

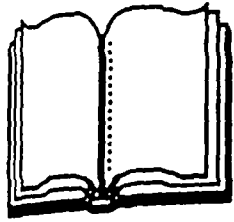
**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines policies and procedures for the recognition of labor organizations, dealings with exclusive representatives, and service to labor organizations.



# EPA Documents

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## Leave Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center

 (202) 382-2118

This manual spells out the requirements for administration of leave benefits for various types of leave, such as: annual, sick, maternity, absence without pay, excused absence, and funeral leave.

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## Library Systems Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management  
Information Management and Services Division (IMSD)

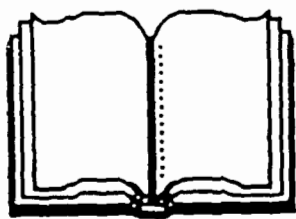
**Source:**

EPA Distribution Center

 (202) 382-2118

This manual contains information on the resources available within the EPA library system and the procedures for obtaining these services.






## **EPA Documents**

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### **Major Legislation of the Congress**

**Source:**  
U.S. Government Printing Office

 (202) 783-3238


This publication is available by subscription and summarizes major legislation of the current Congress.

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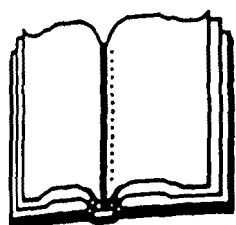
### **Management of EPA Audit Reports and Follow-Up Action**

**EPA Office:**  
Office of Administration and Resources Management  
Office of the Comptroller  
Resource Management Division (RMD)

**Source:**  
EPA Distribution Center

 (202) 382-2118

This document describes the Agency Audit Report Management System for use of audits as a management tool. This manual applies to internal audits and in pre-award, interim, and final audit reports.



# EPA Documents

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## Merit Promotion Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration and Resources Management RTP

Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines the Agency merit promotion plan, including definitions, responsibilities, general provisions, and competitive procedures for merit promotion, including area of consideration, locating, evaluating, ranking, selecting, and notifying candidates.

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## National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

**EPA Office:**

Office of Solid Waste and Emergency Response (OSWER)

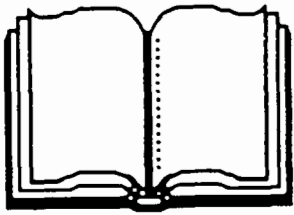
**Source:**

Superfund Docket



(202) 382-6940

The purpose of the NCP is to effectuate the response powers and responsibilities created by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the authorities established by section 311 of the Clean Water Act as amended.



# EPA Documents

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## Occupational Health and Safety Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration  
Environmental Health and Safety Division (EHSD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines accident reporting, inspection and correction of unhealthy or unsafe working conditions, standards and training, safety surveys, personal protective equipment, safety codes and requirements, and health and safety committees.

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## ORD Topical Directory

**EPA Office:**

Office of Research and Development  
Office of Technology Transfer and Regulatory Support  
Center For Environmental Research Information (CERI)

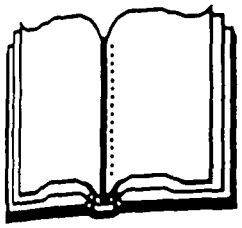
**Source:**

Center for Environmental Research Information  
Office of Technology Transfer and Regulatory Support



(513) 569-7562

This document provides a comprehensive alphabetical listing of areas in which the Office of Research and Development (ORD) has technical expertise, individuals who are active in each of these areas, and if applicable, the location of the laboratory.



# EPA Documents

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## Organization and Functions Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration

Management and Organization Division (MOD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines EPA organizational structures and responsibilities to the division level.

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## OSWER Life Cycle Management Guidance

**EPA Office:**

Office of Solid Waste and Emergency Response

Office of Program Management and Technology (OPMT)

**Source:**

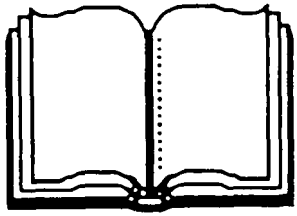
Office of Solid Waste and Emergency Response

Office of Program Management and Technology



(202) 382-5760

This guidance document was designed to provide management and the general work force with an overview of the life cycle process. The guidance should also provide a framework and basis for each of the stages, explaining the objectives, decisions, and products of each stage. The guidance contains "practice papers" which provide specific direction on technology, data administration, and the Office of Solid Waste and Emergency Response (OSWER) organizational procedures.



# EPA Documents

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## Pay Administration Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual describes pay administration for employees in General Schedule and prevailing rate positions including overtime, night, Sunday, holiday, hardship or hazard, special pay, severance pay, and lump-sum leave payments.

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## PCMD: Who's Who and What's What in PCMD

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration  
Procurement and Contracts Management Division (PCMD)

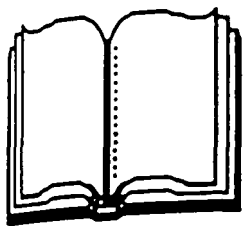
**Source:**

Procurement and Contracts Management Division  
Office of Administration



(202) 382-5020

This document outline the organizational structure of the Procurement and Contracts Management Division (PCMD).



# EPA Documents

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## Performance Management System (PMS) for Merit Pay Employees

**EPA Office:**

Office of Administration and Resources Management

Office of Administration and Resources Management RTP

Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual discusses EPA's latest PMS plan, including the background, purpose, and general policy of the plan. It also includes new forms and examples and covers performance planning, evaluation, and reinforcement. The manual also has an explanation of merit pay compensations in such areas as managing merit pay pools, making merit pay decisions, administering cash awards coverage, position identification, conversions, linkages between performance management, and other personnel decisions.

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## Personal Property Management Volume/FSS Manual

**EPA Office:**

Office of Administration and Resources Management

Office of Administration and Resources Management RTP

Facilities Management and Services Division (FMSD)

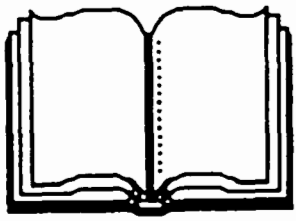
**Source:**

EPA Distribution Center



(202) 382-2118

This volume contains policies and procedures for implementing and maintaining personal property.



# EPA Documents

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## Position Management and Control Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Human Resources Management Division (HRMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual provides general guidelines, explanations, and responsibilities for the administration of position management and average grade control for General Schedule, prevailing rate employees and Public Health Commissioned Officers categories.

---

## Privacy Act Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management  
Information Management and Services Division (IMSD)

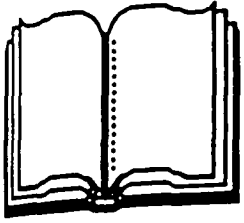
**Source:**

EPA Distribution Center



(202) 382-2118

This manual outlines the policies and procedures for protecting the privacy of individuals who are identified in the EPA information systems.



# EPA Documents

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## Project Officer's Handbook

### EPA Office:

Office of Administration and Resources Management


Office of Administration

Procurement and Contracts Management Division (PCMD)

### Source:

Procurement and Contracts Management Division

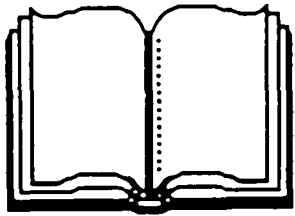
Office of Administration

 (202) 382-5026

This handbook has been developed for use by Project Officers as a reference tool. It accomplishes the following objectives:

- Provides basic information such as definitions, responsibilities of the key players in the acquisition process, and an overview of the acquisition cycle.
- Covers the budget, planning, and the acquisition planning process.
- Examines steps involved in individual acquisition planning and scheduling.
- Provides coverage on the preparation of the procurement request.
- Delineates step-by-step the evaluation and award processes.
- Provides comprehensive coverage of Project Officer duties in contract monitoring.
- Outlines the rights and responsibilities of the parties under all Government contracts.





# EPA Documents

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## Records Management Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management  
Information Management and Services Division (IMSD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual details the Agency's records/information management program for the creation, use, retrieval, and disposal of files, preservation of vital records for emergency use, and micrographic management.

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## Reports Management Manual

**EPA Office:**

Office of Policy, Planning, and Evaluation  
Office of Standards and Regulations (OSR)

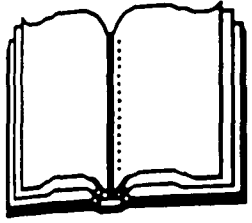
**Source:**

EPA Distribution Center



(202) 382-2118

This manual discusses the reports management program, requirements, and exemptions, the content and format of the reports impact analysis, annual review procedures, and clearance procedures for internal, interagency, and public use reports.



# EPA Documents

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## Resources Management Directives System

### EPA Office:

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Financial Management Division (FMD)

### Source:

EPA Distribution Center

 (202) 382-2118


This document details all Agency resources management policies and procedure and provides guidance on the management of EPA financial resources, including timekeeping, financial management, planning and budgeting, fund control, and accounting.

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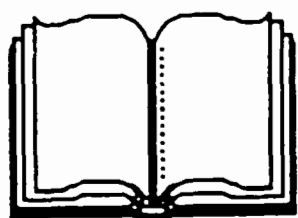
## Review of Federal Actions Impacting the Environment Manual

### Source:

EPA Distribution Center

 (202) 382-2118

This document outlines the process relating to the review of proposed actions of Federal agencies which have an impact on the environment and highlights the preparation, approval, and distribution of EPA's comments on them.



# EPA Documents

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## Risk Assessment Review

**EPA Office:**

Region II

Office of Policy and Management

**Source:**

Region II

Office of Policy and Management



(212) 264-5682

The Risk Assessment Review is a bimonthly publication that is a cooperative effort between the Office of Research and Development (ORD) and the Regional Risk Assessment Network. The Review is a focal point for information exchange on technical and policy issues.

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## Risk Assessment, Management, Communication - A Guide to Selected Sources

**EPA Office:**

Office of Administration and Resources Management

Office of Information Resources Management (OIRM)

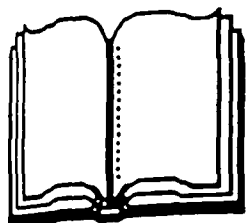
**Source:**

Public Information Center (PIC)



(202) 475-7751

This guide presents sources of information which address the basic and fundamental principles and issues of risk assessment, risk management, and risk communication. It is intended to assist the reader in selecting material of interest to expand his or her knowledge and understanding of basic and important issues related to environmental risk. Broad coverage is given to the subject and includes areas such as policy, principle, theory, practice, research, methodology, and problems created by scientific uncertainty and false perceptions.



# EPA Documents

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## RPM Primer

### EPA Office:

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response  
Hazardous Site Control Division (HSCD)

### Source:

Superfund Docket

 (202) 382-6940

This primer provides an orientation of the new Remedial Project Manager (RPM) to the duties, responsibilities, and decisions required to serve as the agency's representatives in charge of a Superfund site. It explains the types of decisions required of the RPM; the resources available, both written and within the management chain; and the accountability aspects of each decision. The primer walks the RPM through a project site management scenario.

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## Scientific and Technical Publications Manual

### EPA Office:

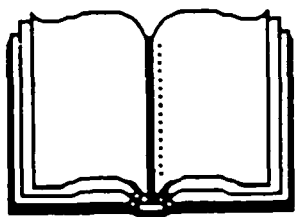
Office of Administration and Resources Management  
Office of Information Resources Management (OIRM)

### Source:

EPA Distribution Center

 (202) 382-2118

This manual discusses the development, format, assignment of identification numbers, distribution, and storage of scientific and technical publications produced by, or for, EPA.



# EPA Documents

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## Security Volume/FSS Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Facilities Management and Services Division (FMSD)

**Source:**

EPA Distribution Center



(202) 382-2118

This volume contains information on personal, document, and physical security.

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## SLANG (Selected Letter and Abbreviated Name Guide)

**EPA Office:**

Office of Air and Radiation  
Office of Air Quality Planning and Standards (OAQPS)

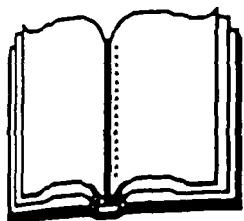
**Source:**

Office of Air and Radiation, Office of Air Quality and Planning Standards,  
RTP



FTS 629-5369

This document provides information on commonly-used acronyms and abbreviations and is maintained by the Office of Air and Radiation.



# EPA Documents

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## State Lead Remedial Project Manual

### EPA Office:

Office of Solid Waste and Emergency Response

Office of Emergency and Remedial Response

Hazardous Site Control Division (HSCD)

### Source:

Superfund Docket



(202) 382-6940

This manual assists the EPA Remedial Project Managers (RPM's) in managing State-lead remedial response projects. The manual describes in detail the responsibilities of the RPM during the planning, design, construction, operation, and close-out of remedial response projects.

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## Superfund Comprehensive Accomplishments Plan Manual (SCAP) (FY-89)

### EPA Office:

Office of Solid Waste and Emergency Response

Office of Emergency and Remedial Response

Office of Program Management (OPM)

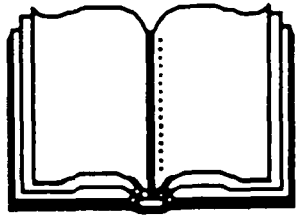
### Source:

Superfund Docket



(202) 382-6940

This manual provides guidance to the agency and its program managers for the projected accomplishments for the current fiscal year. It is used for budgeting, resource allocation, and program monitoring throughout the fiscal year. Prepared annually.



# EPA Documents

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## Superfund Exposure Assessment Manual

**EPA Office:**

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response  
Hazardous Site Evaluation Division (HSED)

**Source:**

Superfund Docket



(202) 382-6940

This manual outlines a framework for a consistent, comprehensive assessment of human exposure associated with uncontrolled hazardous waste sites. It presents integrated methodology to guide the three major component analyses required to assess human population exposure to contaminants: (1) analysis of toxic contaminants released from a site; (2) magnitude of human population exposure to toxic contaminants.

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## Superfund Innovative Technology Evaluation (SITE) Program Strategy and Program Plan

**EPA Office:**

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response  
Hazardous Site Control Division (HSCD)

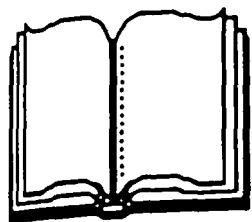
**Source:**

Superfund Docket



(202) 382-6940

This plan describes the SITE program strategy, program plan, and provides information on participation in the program.



# EPA Documents

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## Superfund Public Health Evaluation Manual

**EPA Office:**


Office of Solid Waste and Emergency Response

Office of Emergency and Remedial Response

Hazardous Site Evaluation Division (HSED)

**Source:**

Superfund Docket

 (202) 382-6940

This manual establishes a framework to be used at Superfund sites to analyze public health risks and develop design goals for remedial alternatives based on Applicable or Relevant and Appropriate Requirements (ARAR's) of other laws, where available; or risk analysis where those requirements are not available. Procedures are designed to conform with EPA's proposed risk assessment guidelines. This manual supplements Chapter 5 of the Guidance on Feasibility Studies Under CERCLA, which describes the public health evaluation process and provides detailed guidance on conducting the evaluation.

---

## Superfund Remedial Design and Remedial Action (RD/RA) Guidance

**EPA Office:**


Office of Solid Waste and Emergency Response

Office of Emergency and Remedial Response

Hazardous Site Control Division (HSCD)

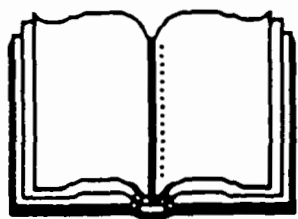
**Source:**

Superfund Docket

 (202) 382-6940

This manual assists agencies and individuals who plan, administer, and manage Remedial Design and Remedial Action (RD/RA) at Superfund sites. The material is applicable to both Fund-financed and responsible party RD/RA's and provides procedural guidance to ensure that the RD/RA is





# EPA Documents

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performed properly. This guidance is organized to reflect the sequence of events prior to, during, and after the RD/RA action at a Superfund site. It notes sections that apply only to Fund-financed projects. It does not directly address RD/RA's conducted by other Federal agencies, which are the subject of a projected Federal Facilities Program Manual.

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## Superfund Risk Assessment Information Directory

### **EPA Office:**

Office of Administration and Resources Management  
Office of Information Resources Management (OIRM)

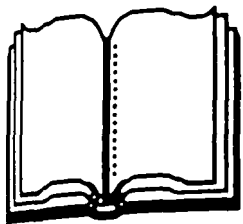
### **Source:**

Office of Emergency and Remedial Response



(202) 382-2180

The Superfund Risk Assessment Information Directory (SUPERRAID) identifies and describes sources of information that should be useful in conducting EPA-related risk assessments. The Directory presents information sources that fall in the following categories: automated databases, data files and tapes, models, manuals, directories, periodicals, publications, and human resources. The overall purpose of the Directory is to facilitate the performance of EPA-related risk assessments by helping individuals find information that may be needed in order to complete a successful assessment. (This Directory is also referred to as OSWER Directive 9285.6-1.)



# EPA Documents

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## Technical Assistance Directory

### EPA Office:


Office of Research and Development

Office of Technology Transfer and Regulatory Support

Center For Environmental Research Information (CERI)

### Source:

Center for Environmental Research Information, Cinn.

 (513) 569-7562

The directory contains a list of the programs, areas of expertise, and primary contacts in each of the major Office of Research and Development (ORD) field operations.

---

## Training and Development Manual

### EPA Office:


Office of Administration and Resources Management

Office of Administration and Resources Management RTP

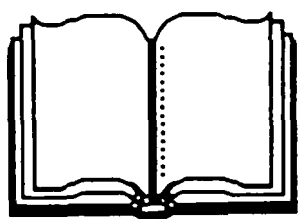
Human Resources Management Division (HRMD)

### Source:

EPA Distribution Center

 (202) 382-2118

This manual helps to determine training needs, establish training programs, and track training expenses. Also details use of forms for requests, authorization, agreement, and certification. The manual covers special kinds of training, such as interagency, non-government, supervisory, commissioned officer, and long term training and upward mobility.



# EPA Documents

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## Travel Manual

**EPA Office:**

Office of Administration and Resources Management  
Office of Administration and Resources Management RTP  
Financial Management Division (FMD)

**Source:**

EPA Distribution Center



(202) 382-2118

This manual discusses travel authorizations, advances, per diem, vouchers, subsistence, pay, and leave for local, foreign, meeting, permanent change of station, and common carrier travel. Special categories covered include consultants/experts, non-government, deceased commissioned officers, SES, services appointees, and student trainees.

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## Treatment Technology Briefs: Alternatives to Hazardous Waste Landfills

**EPA Office:**

Office of Solid Waste and Emergency Response (OSWER)

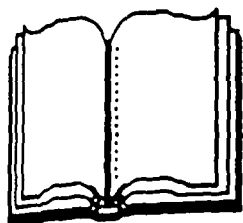
**Source:**

Superfund Docket



(202) 382-6940

This document contains a summary of alternatives to landfill and containment. It includes such current technology as: biological treatments, centrifugation, oxidation, absorption, injection, ozonation, neutralization, steam stripping, ultraviolet photolysis, plasma systems, and many others.




# EPA Documents

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## TSCA Confidential Business Information Manual

EPA Office:  
Office of Pesticides and Toxic Substances  
Office of Toxic Substances (OTS)

Source:  
EPA Distribution Center


 (202) 382-2118

This manual discusses all aspects of the control, physical and electronic security of documents, and computer systems in EPA's possession that contain confidential business information (CBI) received under the Toxic Substances Control Act (TSCA). The manual also covers the requirements to be met by EPA contractors or subcontractors and other Federal agencies before they receive this information.

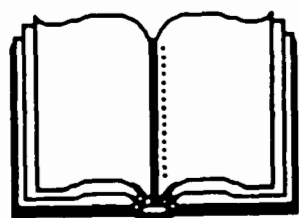
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## U.S. Government Books

Source:  
U.S. Government Printing Office

 (202) 783-3238

This publication lists nearly 1,000 best selling titles that are available from the U.S. Government Printing Office.



# EPA Documents

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## U.S. Statutes at Large

**Source:**

U.S. Government Printing Office



(202) 783-3238

These volumes contain public laws in the first part of the volume, followed by private laws, Presidential proclamations, reorganization plans, and constitutional amendments.

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## United States Code

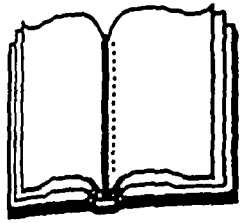
**Source:**

U.S. Government Printing Office



(202) 783-3238

The United States Code (U.S.C.) contains codification of the laws, arranged according to subject matter, under 50 title headings.



# EPA Documents

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## United States Government Manual

Source:

U.S. Government Printing Office



(202) 783-3238

This publication contains data about each government agency and their subdivisions. The names of officials, history of the creation of an agency and their functions, and addresses and phone numbers of field offices are included.

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## United States Reports

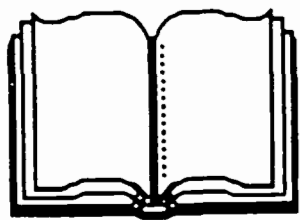
Source:

U.S. Government Printing Office



(202) 783-3238

These volumes contain information about United States Supreme Court cases.



# EPA Documents

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## User's Guide to the Contract Laboratory Program

### **EPA Office:**

Office of Solid Waste and Emergency Response  
Office of Emergency and Remedial Response  
Hazardous Site Evaluation Division (HSED)

### **Source:**

RCRA/CERCLA Hotline



(202) 382-3000

This document contains organic and inorganic analytical program descriptions that outline the requirements and analytical procedures of new CLP protocols developed from technical caucus recommendations. It reflects the status of the program as of December 1986.

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## Who's Who in EPA

### **EPA Office:**

Office of Administration and Resources Management  
Office of Administration  
Management and Organization Division (MOD)

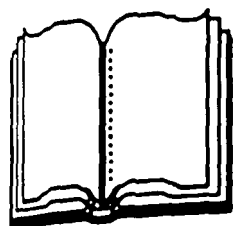
### **Source:**

Management and Organization Division  
Office of Administration



(202) 382-5000

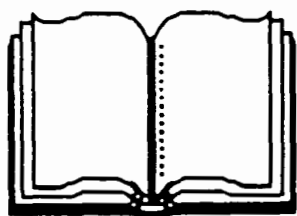
This document provides organization charts and listings of principal officers at the Agency. It is updated on a yearly basis.



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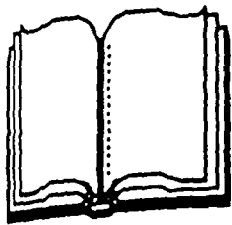
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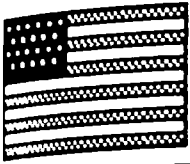
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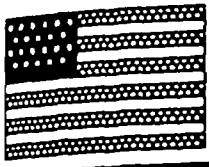


# Section G

## Federal Contacts

This section lists contacts at agencies, commissions and other administrations at the Federal level who have environmental concerns. Listed are organizations who directly work with environmental issues as well as environmental contacts at organizations which do not have a direct environmental mandate. Included also are representatives from the Federal Agency Environmental Roundtable. The members of the Federal Agency Environmental Roundtable meet on a monthly basis with EPA to discuss the latest EPA regulations and to keep abreast of the frequent changes in environmental legislation, regulations and policies.

| SAMPLE ENTRY         |  |                |
|----------------------|--|----------------|
| FEDERAL ORGANIZATION | U.S. Postal Service                                    | (202) 268-3135 |
| AFFILIATION OR TITLE | Federal Agency Environmental Roundtable Representative |                |
| CONTACT NAME         | Edward Wandelt   |                |



## Federal Contacts

---

### Agriculture, Department of

#### Agriculture Stabilization and Conservation Service

G. Tim Denley, Chief (202) 447-3264

Planning and Evaluation Branch

#### Animal and Plant Health Inspection Service

Terry Medley (202) 436-7602

#### Cooperative Interactions

Dr. William Tallent, Assistant Administrator (202) 447-3973

#### Economic Research Service

Dr. John A. Miranowski, Director (202) 786-1455

Resources and Technology Division

#### Farmers Home Administration

John Hansel, Environmental Protection Specialist (202) 382-9619

#### Federal Agency Environmental Roundtable Representative

Bill Opfer, Environmental Health Engineer (202) 235-8019

#### Food Safety and Inspection Service

Ralph Stafko, Director (202) 447-8168

Policy Office

#### Forest Service

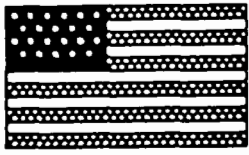
Dianne Hitchings (202) 447-3772

Public Affairs Office

#### Forest Service

David Ketcham, Director (202) 447-4708

Environmental Coordination Staff



## **Federal Contacts**

---

### **Agriculture, Department of**

#### **Natural Resources and Rural Development Extension Service**

John A. Vance (202) 447-7947

#### **Office of Governmental and Public Affairs**

Public Liaison (202) 447-2798

#### **Rural Electrification Administration**

Kenneth Kumor, Environmental Policy Specialist (202) 382-0097  
Engineering Standards Division

#### **Soil Conservation Service**

James B. Newman, Director (202) 447-2587  
Ecological Sciences Division

#### **Soil Conservation Service**

Charles Terrell, Environmental Specialist (202) 447-4925

### **Air Force, Department of the**

#### **Federal Agency Environmental Roundtable Representative**

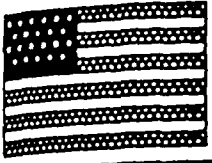
Col. Steve Ter Maath, Asst. for Environmental Quality (202) 981-6341

#### **Office of the Secretary**

Gary D. Vest, Deputy for Environment and Safety (202) 697-9297

#### **Public Affairs**

Public Information Contact (202) 697-1128



## Federal Contacts

---

### Appalachian Regional Commission

Winifred A. Pizzano, Federal Co-Chairman (202) 673-7856

Geraldine Storm-Gevanthor, Director (202) 673-7845  
Division of Housing and Community Development

### Army, Department of the

Army Corps of Engineers - Civil Works  
John W. Bellinger (202) 272-0166  
Office of Environmental Policy

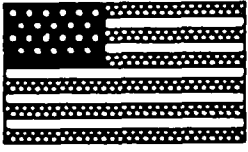
Environmental Projects  
Ray Clark (202) 695-7824  
Environment, Safety and Occupational Health Division

Federal Agency Environmental Roundtable Representative  
Col. Ronald G. Kelsey (202) 693-4635  
U.S. Army Environmental Office

Federal Agency Environmental Roundtable Representative  
Dr. William Klesch, Director of Environmental Policy (202) 272-0166  
Army Corp of Engineers - Civil Works

Health Effects Branch  
Kris Khanna, Pharmacologist (202) 382-7588

Office of the Secretary  
Col. Hugh M. McAlear, Assistant for the Environment (202) 695-7824



## **Federal Contacts**

---

### **Army, Department of the**

#### **Public Affairs - Media Inquiries**

Lt. Col. Richard Bridges

(202) 697-7589

#### **Public Affairs - Plans and Operations**

Harvey Perritt, Policy and Plans Division

(202) 695-4462

### **Central Intelligence Agency**

#### **Federal Agency Environmental Roundtable Representative**

James New, Chief, Safety Staff

(202) 281-8836

### **Commerce, Department of**

#### **Center for Fire Research**

Jack E. Snell, Director

(301) 975-6850

#### **Economic Development Administration**

David S. Maney, Assoc. Director for Environment

(202) 377-4208

#### **Environmental Research Laboratories**

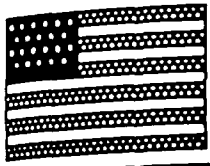
Laboratory Contact

(303) 497-3000

#### **Environmental Satellite, Data and Information Service**

Climatic Impact Assessment Division

(301) 763-8167



## **Federal Contacts**

---

### **Commerce, Department of**

#### **Federal Agency Environmental Roundtable Representative**

Frank Monteferrante (202) 377-4208

Economic Development Administration

#### **Federal Agency Environmental Roundtable Representative**

Ed Wilczynski (202) 377-0884

Environmental Compliance Division

#### **National Marine Fisheries Service**

James W. Brennan, Assistant Administrator (301) 427-2239

#### **National Oceanic and Atmospheric Administration**

David Cottingham, Chief (202) 377-5181

Office of Policy and Planning

Ecology and Conservation Division

#### **National Ocean Service**

Dane Konop, Public Affairs (202) 377-8090

#### **National Oceanic and Atmospheric Administration**

Bill Thomas, Research Coordinator (202) 673-5122

Marine and Estuarine Management Division

#### **Public Affairs**

Public Information Contact (202) 377-3263

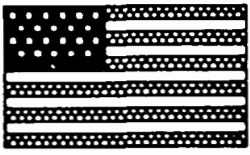
### **Defense Logistics Agency**

#### **Federal Agency Environmental Roundtable Representative**

Jan Reitman, Chief (202) 274-6124

Environmental Policy Office





## **Federal Contacts**

---

### **Defense, Department of**

#### **Federal Agency Environmental Roundtable Representative**

Carmilla Day (202) 688-6054  
Office of General Counsel

#### **Federal Agency Environmental Roundtable Representative**

Patricia Janssen (202) 325-2214  
Office of Defense Environmental Engineering

#### **Federal Agency Environmental Roundtable Representative**

LTC Joseph Martone, EPA DoD Liaison Officer (202) 475-8799

#### **Federal Agency Environmental Roundtable Representative**

Christina Ramsey, Director (202) 325-2215  
Environmental Planning

#### **General Information**

Public Information Contact (202) 545-6700

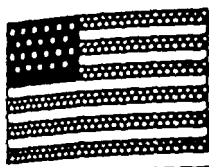
### **Delaware River Basin Commission**

Gerald M. Hansler, Executive Director (609) 883-9500  
FTS 483-2077

### **Energy, Department of**

#### **Energy Information Administration**

National Energy Information Center (202) 586-8800



## Federal Contacts

---

### Energy, Department of

#### Environment, Safety and Health

Raymond Berube, Deputy Assistant Secretary (202) 586-5680

#### Environmental Guidance Division

Raymond Pelletier, Director (202) 586-8505

#### Federal Agency Environmental Roundtable Representative

Dario Monti, Director (202) 586-4705

Office of Budget and Administration

Environmental Safety and Health

#### Federal Agency Environmental Roundtable Representative

John Tseng (202) 586-9024

Office of Environmental Guidance and Compliance

#### Federal Energy Regulatory Commission

Public Affairs Office (202) 357-8055

#### Federal Energy Regulatory Commission

Dean L. Shumway, Director (202) 376-1768

Office of Hydropower Licensing

Division of Project Review

#### Federal Energy Regulatory Commission

Richard R. Hoffmann, Chief, Environmental Analysis (202) 357-9066

Pipeline and Producer Regulation

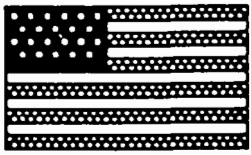
#### NEPA Project Assistance

Carole Borgstrom, Director (202) 586-4600

#### Office of Civilian Radioactive Waste Management

Ginger King, Director (202) 586-2835

Public Information Office



## **Federal Contacts**

---

### **Energy, Department of**

**Office of Energy Research - Carbon Dioxide Research**

**Fredrick Koomanoff**

**(301) 353-3281**

**Public Information**

**Public Information Contact**

**(202) 586-5575**

### **Executive Office of the President**

**Council on Environmental Quality**

**John Cohnsen, Director**

**(202) 395-5750**

**Domestic Policy Council**

**Kenneth T. Yale, Executive Secretary**

**(202) 456-6722**

**Federal Coord. Council for Science, Engineering, & Technology**

**Dr. Robert Post, Acting Executive Secretary**

**(202) 456-6272**

**Regulatory Information Service Center**

**Mark G. Schoenberg, Executive Director**

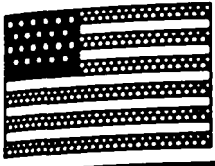
**(202) 395-6993**

### **Federal Emergency Management Agency (FEMA)**

**Environmental Liaison**

**Susan K. Bank, Associate General Counsel**

**(202) 646-3973**



## **Federal Contacts**

---

### **Federal Emergency Management Agency (FEMA)**

#### **Natural and Technological Hazards**

Dennis Kwiatkowski, Asst. Associate Director (202) 646-2871  
Office of Natural and Technological Hazards

#### **Technological Hazards**

Craig Wingo, Chief (202) 646-3020  
Technological Hazards Division

### **Federal Maritime Commission**

Edward R. Meyer (202) 523-5835  
Office of Special Studies

### **Federal Mine Safety and Health Review Commission**

Ford B. Ford, Chairman (202) 653-5660

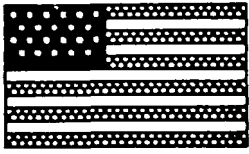
### **Food and Drug Administration**

#### **Environmental Liaison**

John C. Matheson, III, Chief, Environ. Impact Staff (301) 443-1880

#### **Federal Agency Environmental Roundtable Representative**

Naresh Chaurla (202) 443-4530  
Safety Office



## **Federal Contacts**

---

### **General Accounting Office**

**Office of Public Information**

**Public Information Contact**

**(202) 275-2812**

### **General Services Administration**

#### **Environmental Liaison**

**Bob Tuch, Director, Environ. Protection Specialist**

**(202) 523-1594**

**Office of Facility Planning**

**Policy and Analysis Division**

#### **Federal Agency Environmental Roundtable Representative**

**Jim Hensley, Chief**

**(202) 566-1257**

**Environmental Branch**

#### **Federal Agency Environmental Roundtable Representative**

**James Ortiz**

**(202) 566-1293**

**Safety & Environmental Management Division**

### **Health and Human Services, Department of**

#### **Agency for Toxic Substances and Disease Registry (ATSDR)**

**Caffeline Allen**

**(404) 639-0727**

**Office of Policy and External Affairs**

**FTS 236-0727**

#### **Agency for Toxic Substances and Disease Registry (ATSDR)**

**Kent Gray, Emergency Response Coordinator**

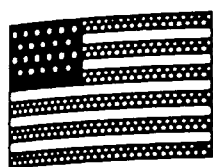
**(404) 639-0615**

**FTS 236-0615**

#### **Center for Prevention Services**

**Dr. Allan Rittinman, Director**

**(404) 329-1800**



## Federal Contacts

---

### Health and Human Services, Department of

#### **Centers for Disease Control**

Dr. David E. Clapp, Chief (404) 452-4257

Environmental Affairs Group, Center for Environmental Health FTS 263-4257

#### **Centers for Disease Control**

Kent Gray, Chief (404) 639-0615

Emergency Response Coordinating Group FTS 236-0615

#### **Environmental Liaison**

Paul S. Cromwell, Environmental Officer (202) 245-6162

Office of Assistant Secretary for Management Analysis and Systems

#### **Federal Agency Environmental Roundtable Representative**

James Pennington (202) 245-7426

Division of Special Programs Coordination

#### **General Information**

Public Information Contact (202) 443-6310

#### **Health Resources and Services Administration**

Gary J. Hartz, Director (301) 443-1043

Indian Health Service

Environmental Health Branch

#### **National Institute for Occupational Safety and Health (NIOSH)**

Gerald A. Heath (513) 533-8236

#### **National Institutes of Environmental Health Sciences**

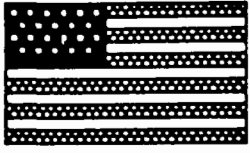
Dr. Dorothy Canter, Coordinator (301) 496-3511

National Toxicology Program

#### **National Institutes of Health**

Joseph G. Hugo, Chief (301) 496-7775

Pollution Control Section



## **Federal Contacts**

---

### **Health and Human Services, Department of**

#### **National Institute for Occupational Safety and Health**

Dr. Jay Bainbridge, Deputy Director

(513) 841-4422

Surveillance, Hazard Evaluations and Field Studies  
Division

FTS 684-4366

#### **National Institutes of Environmental Health Sciences**

Hugh Lee, Information Officer

(919) 541-3345

Office of the Director

#### **National Institute for Occupational Safety and Health (NIOSH)**

Richard Niemeier, Director

(513) 533-8302

Standards Development and Technology Transfer  
Division

FTS 684-8302

#### **Public Health Service**

Public Contact

(301) 436-7016

### **Housing and Urban Development, Department of**

#### **Federal Agency Environmental Roundtable Representative**

Antoinette Sebastian

(202) 755-7894

Office of Environment and Energy

#### **Office of the Secretary**

Richard H. Broun, Director

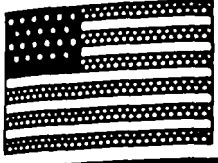
(202) 755-7894

Office of Environment and Energy

#### **Public Information**

Public Information Contact

(202) 755-6420



## Federal Contacts

---

### Interior, Department of the

#### **Bureau of Indian Affairs**

George R. Farris, Chief, Environ. Services Staff (202) 343-2791  
Office of Trust and Economic Development

#### **Bureau of Land Management**

David Williams, Chief (202) 653-8824  
Office of Planning and Environmental Coordination

#### **Bureau of Mines**

William L. Miller, Chief (202) 634-1117  
Office of Regulatory Projects Coordination

#### **Bureau of Reclamation**

Dick Porter, Chief (202) 343-5104  
Environment and Planning

#### **Federal Agency Environmental Roundtable Representative**

Jonathan P. Deason, Director (202) 343-3891  
Office of the Secretary  
Environmental Project Review

#### **Minerals Management Service**

John T. Goll, Chief (703) 787-1656  
Offshore Environmental Assessment Division

#### **National Park Service**

Jacob Hoogland, Chief (202) 343-5214  
Environmental Quality Division

#### **Office of Surface Mining Reclamation and Enforcement**

Len Richeson, Chief (202) 343-5150  
Branch of Environmental and Economic Analysis

#### **Public Affairs**

Public Information Contact (202) 343-6416





## Federal Contacts

---

### Interior, Department of the

#### U.S. Fish and Wildlife Service

Don Peterson, Environmental Coordinator

(703) 358-2183

Division of Endangered Species and Habitat  
Conservation

FTS 921-2183

#### U.S. Geological Survey

Cliford A. Haupt, Chief

(703) 648-6826

Environmental Affairs Program

#### U.S. Geological Survey

Earth Science Public Inquiry Center

(703) 648-6892

### International Boundary and Water Commission

George R. Baumli, Principal Engineer, Planning

(915) 534-6703

FTS 570-6703

### Interstate Commerce Commission

Harold Johnson, Staff Attorney

(202) 275-6874

Office of Transportation Analysis

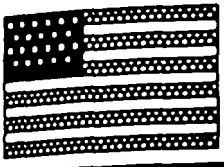
Section of Energy and Environment

### Justice, Department of

#### Bureau of Justice Statistics

Joseph M. Bessette, Acting Director

(202) 724-7765



## Federal Contacts

---

### Justice, Department of

#### Bureau of Justice Assistance

Charles P. Smith, Director (202) 724-5933

#### Environmental Liaison

William M. Cohen, Chief (202) 272-6851

General Litigation Section

Land and Natural Resources Division

#### Environmental Liaison

Douglas W. Kmiec, Assistant Attorney General (202) 633-2041

Office of Legal Counsel

#### Federal Agency Environmental Roundtable Representative

Robert Cox (202) 724-6887

Federal Bureau of Prisons

#### Federal Agency Environmental Roundtable Representative

Jerry Rubino, Director, Security Staff (202) 633-2094

Justice Management Division

#### Immigration and Natural Service

Victoria Kingslien, Director (202) 633-4448

Facilities and Engineering

#### Public Information

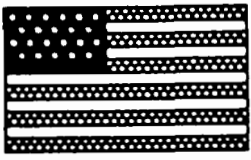
Public Information Contact (202) 633-2007

### Labor, Department of

#### Federal Agency Environmental Roundtable Representative

Robert Stumpf (202) 523-6687

Office of Safety and Health



# Federal Contacts

---

## Labor, Department of

### Information

Public Information Contact

(202) 523-6666

### Mine Safety and Health Administration

Jeffrey B. Doranz, Acting Director

(703) 235-1910

Office of Standards

### Occupational Safety and Health Administration

Dr. Hugh Conway, Director

(202) 523-9690

Office of Regulatory Analysis

### Occupational Safety and Health Administration

Thomas Towers, Director

(202) 523-9700

Technical Data Center

### Office of the Assistant Secretary for Policy

Robert E. Copeland, Director

(202) 523-6197

Office of Regulatory Economics

## Legislative Branch

### Government Printing Office

Orders & Inquiries

(202) 783-3238

### Library of Congress

James R. Trew, Director

(202) 707-5000

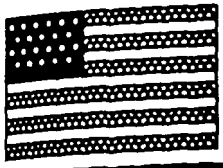
Library of Environmental Resources

### Office of Technology Assessment

John P. Andelin, Assistant Director

(202) 228-6750

Science, Information and Natural Resources Division



## Federal Contacts

---

### Library of Congress

#### Research Services

Dr. Warren M. Tsuneishi, Asst. Librarian

(202) 707-5543

### Marine Mammal Commission

Michael L. Gosliner, General Counsel

(202) 653-6237

### National Academy of Sciences

Dr. James Reisa, Acting Director

(202) 334-3060

Board of Environmental Studies and Technology

### National Aeronautics and Space Administration (NASA)

#### Environmental Liaison

Lewis E. Andrews

(202) 453-1958

Environmental Compliance Office

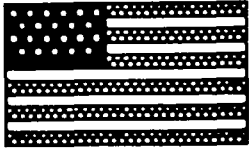
Facilities Engineering Division

Federal Agency Environmental Roundtable Representative

G. Ted Ankrum, Deputy Asst. Administrator

(202) 453-1965

Facilities Management



## **Federal Contacts**

---

### **National Archives and Records Administration**

#### **Federal Agency Environmental Roundtable Representative**

Jerry Misko, Director (202) 523-3947  
Facilities Management Branch

#### **Office of the Federal Register**

Martha B. Girard, Director (202) 523-5240

### **National Science Foundation (NSF)**

Julian Schedlovsky, Staff Associate (202) 357-9889  
Budget & Environmental Policy  
Directorate for Geo-Sciences

### **Navy, Department of the**

#### **Federal Agency Environmental Roundtable Representative**

CMDR Daniel Spiegelberg (202) 325-0431  
Naval Facilities Engineering Command

#### **Federal Agency Environmental Roundtable Representative**

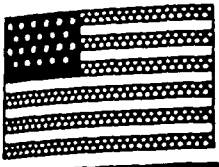
Bob Warren (U.S. Marine Corps) (202) 697-1890  
Environmental Program Manager

#### **Information**

Public Information Contact (202) 695-3667

#### **Naval Operations**

Tom Peeling (703) 325-7360



## Federal Contacts

---

### Nuclear Regulatory Commission

Thomas Murley, Director (301) 492-1270  
Office of Nuclear Reactor Regulation

#### Environmental Liaison

Richard E. Cunningham, Director (301) 492-3426  
Division of Industrial and Medical Nuclear Safety

### Overseas Private Investment Corporation

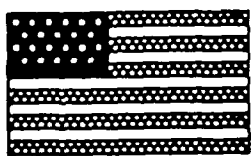
Harvey A. Himberg, Director (202) 457-7139  
Office of Development  
Development Policy and Environmental Affairs

### Small Business Administration

Energy and Environment  
Kevin Bromberg, Asst. Chief Counsel (202) 634-6115

### Smithsonian Institution

Federal Agency Environmental Roundtable Representative  
William Billingsley (202) 287-3611  
Office of Environmental Management and Safety



## Federal Contacts

---

### State, Department of

#### Environmental Liaison

Andrew Sens, Director

(202) 632-9266

Office of Environment and Health

#### Federal Agency Environmental Roundtable Representative

Margaret Pagano

(202) 647-7112

#### Public Information

Public Information Contact

(202) 647-6575

### Susquehanna River Basin Commission

Robert J. Bielo, Executive Director

(717) 238-0422

### Tennessee Valley Authority

#### Board of Directors

Marvin Runyon, Chairman

(615) 632-3554

#### Federal Agency Environmental Roundtable Representative

Paul Schmierbach, Manager

(615) 632-6578

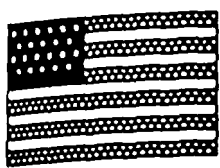
Environmental Quality

FTS 856-6578

#### Federal Agency Environmental Roundtable Representative

Gil Stauffer

(615) 632-6644



## Federal Contacts

---

### Transportation, Department of

#### **Environmental Liaison**

Joseph F. Canny, Director

(202) 366-4220

Office of Transportation Regulatory Affairs

#### **Federal Agency Environmental Roundtable Representative**

Anita Gronczniak

(202) 267-3495

Federal Aviation Administration

#### **Federal Agency Environmental Roundtable Representative**

Charles James

(202) 366-0038

Office of the Secretary

#### **Federal Aviation Administration**

James E. Densmore, Director

(202) 267-3576

Office of Environment

#### **Federal Highway Administration**

Ali F. Sevin, Director

(202) 366-2045

Office of Environmental Policy

#### **National Highway Traffic Safety Administration**

Kathleen C. DeMeter, Asst. Chief Counsel/Gen Law

(202) 366-1834

#### **Public Information**

Public Information Contact

(202) 366-5580

#### **Research/Special Programs Administration**

Alfred E. Barrington, Chief

(617) 494-2018

Environmental Technology Division

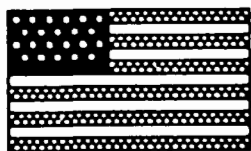
FTS 837-2018

#### **St. Lawrence Seaway Development Corporation**

John B. Adams, Executive Assistant

(315) 764-3233





## Federal Contacts

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### Transportation, Department of

#### U.S. Coast Guard

T.J. Granito, Chief, Environment Section (202) 267-1120  
Office of Engineering and Development  
Civil Engineering Division

#### Urban Mass Transportation Administration

Samuel L. Zimmerman, Deputy Director (202) 366-2360  
Office of Planning Assistance

### Treasury, Department of the

#### Federal Agency Environmental Roundtable Representative

Anthony DiSilvestre (202) 634-2438  
Environmental Protection Specialist

### U.S. Agency for International Development

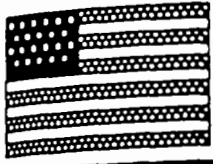
#### Environmental Liaison

Laurence R. Hausman, Environmental Coordinator (202) 647-9662

### U.S. Postal Service

#### Federal Agency Environmental Roundtable Representative

Edward Wandelt (202) 268-3135



## Federal Contacts

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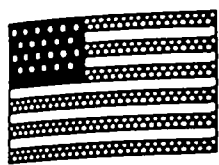
### Veterans Administration

Federal Agency Environmental Roundtable Representative

Susan Livingston, Director

(202) 233-2192

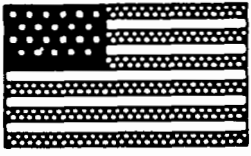
Environmental Affairs



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## Section H

# Interest Groups

This section is a guide to over 100 local, national and international organizations and associations with environmental concerns. It includes scientific and professional organizations, advocacy groups, as well as manufacturing and trade associations. Each entry lists the organization's name, main address and telephone number and a summary description of the group. This section is organized alphabetically by organization name. If only the acronym of a group is known, please refer to the end of this section where an index by organization acronym is found.

| SAMPLE ENTRY |   |                  |
|--------------|---|------------------|
| NAME         | National Environmental Training Association (NETA)  | TELEPHONE NUMBER |
| ADDRESS      | 8687 Via Ventura<br>Suite 214<br>Scottsdale, AZ 85258   | (202) 586-9359   |
| DESCRIPTION  | The National Environmental Training Association (NETA) is the association of professional environmental trainers who deliver or manage training in the fields of water, wastewater, noise and air pollution, solid waste, asbestos abatement and occupational safety. |                  |

### DISCLAIMER

The listing of an organization in this directory, including the summary descriptions of the organization, in no way implies that the policies and views of that organization are necessarily those of the U.S. Environmental Protection Agency. Further, inclusion of an organization in this directory, does not necessarily constitute an endorsement of that organization by the U.S. Environmental Protection Agency. This directory is solely intended for reference purposes.



## Interest Groups

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### Academy for State and Local Government

444 N. Capitol Street, NW  
Suite 349  
Washington, DC 20001



(202) 638-1445

The Academy for State and Local Government is a not-for-profit, tax-exempt public foundation operated by the Council of State Governments, International City Management Association, National Association of Counties, National Conference of State Legislatures, National Governors' Association, National League of Cities, and U.S. Conference of Mayors. The Academy's purpose is to assist these seven organizations of public officials in seeking solutions to critical problems in American states and communities and the Federal system in general.

### Aluminum Association

900 19th St. NW  
Washington, DC 20006



(202) 862-5100

The Aluminum Association is a national trade association of the aluminum industry, representing virtually all of primary producers, semifabricators, and recyclers.

### American Academy of Environmental Medicine (AAEM)

Box 16106  
Denver, CO 80216



(303) 622-9755

The American Academy of Environmental Medicine is principally concerned with adverse reactions experienced during the dynamic interrelationship between an individual and the environment.




## Interest Groups

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### American Chemical Society (ACS)


1155 16th Street, NW  
Washington, DC 20036

 (202) 872-4600

The American Chemical Society (ACS) was founded in New York City in 1876 as a non-profit organization and is the world's largest scientific organization. Its membership of more than 137,000 chemists and chemical engineers is international. Although most of its members work in industry, many are in education and government. Much of the Society's efforts are aimed at serving the public interest. ACS provides information to scientists on virtually all of the world's chemistry research through publications, microfilm, and increasingly by way of a computer network.

### American Coal Ash Association (ACAA)


1000 16th St., NW  
Suite 507  
Washington, DC 20036

 (202) 659-2303

The American Coal Ash Association (ACAA), called the National Ash Association until 1985, has been helping its members to maximize the use of coal combustion by-products in every possible marketplace since its incorporation in 1968. Charter members came from domestic and foreign coal-burning electric utilities, coal companies and trade associations. Over the years, membership categories have expanded to include coal ash marketing firms, industrial coal-fired boiler operators, cogenerators, firms from related industries and individuals.

### American Council for an Energy Efficient Economy (ACEEE)

1001 Connecticut Ave, NW  
Suite 535  
Washington, DC 20036

 (202) 429-8873

The American Council for an Energy-Efficient Economy (ACEEE) is a private, non-profit organization that gathers, evaluates, and disseminates information to stimulate greater energy efficiency.




## Interest Groups

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### American Council on Science and Health (ACSH)


1995 Broadway  
16th Floor  
New York, NY 10023

 (212) 362-7044

Founded in 1978, ACSH is a non-profit, tax-exempt, non-partisan public education group directed and advised by over 200 prominent scientists, physicians, and policy experts. ACSH's goal is to provide consumers with up-to date, scientifically sound information on the relationship between chemicals, foods, nutrition, lifestyle factors, the environment and human health.

### American Farm Bureau Federation


600 Maryland Avenue, SW  
Suite 600  
Washington, DC 20024

 (202) 484-2222

The Farm Bureau is a free, independent, nongovernmental, voluntary organization of farm and ranch families. It is local, statewide, national and international in its scope and influence. It is nonpartisan, nonsectarian and nonsecret in character and is organized to provide a means for farmers to work together for mutual goals. The foundation and strength of the organization lie in more than 2,800 county farm bureaus, which develop and operate programs to meet the needs, thinking and interests of farm families.

### American Fisheries Society (AFS)

5410 Grosvenor Lane  
Bethesda, Maryland 20814

 (301) 897-8616

The American Fisheries Society (AFS) is the world's oldest and largest organization dedicated to strengthening the fisheries profession, advancing fisheries science, and conserving fisheries resources. The Society's more than 8,500 members form a uniquely effective international fisheries network.






## Interest Groups

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### **American Institute of Chemical Engineers (AIChE)**


345 East 47th Street  
New York, NY 10017

 (212) 705-7538

The American Institute of Chemical Engineers is a national society for chemical engineers. The Institute is a member society of the American Association of Engineering Societies.

### **American Institute of Chemists (AIC)**


7315 Wisconsin Avenue  
Bethesda, MD 20814

 (301) 652-2447

The American Institute of Chemists was founded 65 years ago to promote public recognition of the chemical profession, as well as to give chemical scientists and engineers a resource for enhancing professional development. Today, the Institute continues to advance the high professional standards of chemical professionals through meetings, publications, awards, government interaction, public relations activities, and much more.

### **American Institute of Medical Climatology (AIMC)**


1023 Welsh Road  
Philadelphia, PA 19115

 (215) 673-8368

The American Institute of Medical Climatology promotes the sciences of climatology and biometeorology, which address the relationship between climate and weather and the entire spectrum of life.

### **American Littoral Society (ALS)**

Sandy Hook  
Highlands, NJ 07732

 (201) 291-0055

A national, non-profit, public interest organization of professional and



## Interest Groups

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amateur naturalists, the American Littoral Society was founded on April 8, 1961, at Sandy Hook, NJ, by a small group of divers, naturalists, and fishermen to encourage a better understanding of aquatic environments and provide a unified voice advocating protection of the delicate fabric of life along the shore. The Society watches coastal beaches, wetlands, rivers, and estuaries, and promotes the protection of critical habitat.

### American Meteorological Society (AMS)

45 Beacon Street  
Boston, MA 02108



(617) 227-2425

The American Meteorological Society was founded in 1919 and is located on historic Beacon Hill in Boston, Massachusetts. AMS actively promotes the development and dissemination of knowledge of the atmospheric and related oceanic and hydrologic sciences, and the advancement of their professional applications.

### American Mining Congress (AMC)

1920 N Street, NW  
Suite 300  
Washington, DC 20036



(202) 861-2800

The American Mining Congress (AMC) is a trade association encompassing all segments of the U.S. mining industry. AMC's constituency includes operating companies, mineral processors, manufacturers of mining equipment and supplies, and engineering/consulting firms and financial institutions that serve the industry as liaison for Federal legislative and regulatory activity on such issues as mine safety and health, environmental compliance, public lands, minerals policy and mining taxation.

### American Nature Study Society (ANSS)

5881 Cold Brook Road  
Homer, NY 13077



(607) 749-3655

Since 1908, the American Nature Study Society has helped people learn about




## Interest Groups

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nature and natural resources. Led by naturalists and educators, the Society's activities bring both beginners and the more experienced to an increased environmental awareness.

### **American Petroleum Institute (API)**


1220 L Street, NW  
Washington, DC 20005

 (202) 682-8000

The American Petroleum Institute (API), founded in 1919, is a non-profit corporation that represents the domestic petroleum industry. Its membership consists of a broad cross-section of the petroleum and allied industries, including such functional segments as exploration, production, transportation, refining and marketing. The Institute's objectives are to promote the interests of the U.S. petroleum industry, encourage the development of petroleum technology, cooperate with government in matters of national concern, and provide information to government and to the general public on matters affecting the petroleum industry.

### **American Public Works Association (APWA)**


1313 East 60th Street  
Chicago, IL 60637

 (312) 667-2200

APWA makes it possible for professionals in the public works field to work together to improve the practice of their professions, thereby serving the best interests of the tax-paying public. APWA's 25,000-plus members include officials and engineers at all levels of government, educators, journalists, public utility personnel, employees of other service organizations, and representatives of private industry.

### **American Society of Agricultural Engineers (ASAE)**

2950 Niles Road  
St. Joseph, MI 49085

 (616) 429-0300

The American Society of Agricultural Engineers is a not-for-profit, technical




## Interest Groups

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scientific and educational society dedicated to the betterment of agriculture through improved application of engineering principles. ASAE coordinates the efforts of educators, researchers in the U.S. Department of Agriculture and state agricultural experiment stations, engineers in various regulatory agencies and engineers in the manufacturing and processing industries related to agriculture.

### American Society of Agronomy (ASA)


677 South Segoe Road  
Madison, WI 53711

 (608) 273-8080

The American Society of Agronomy is dedicated to the development of agriculture enabled by science, in harmony with environmental and human values. It supports scientific, educational, and professional activities that enhance communication and technology transfer among agronomists and those in related disciplines on topics of local, regional, national, and international significance.

### American Society of Civil Engineers (ASCE)

345 East 47th Street  
New York, NY 10017

 (800) 548-ASCE  
NY (800) 628-0041

The American Society of Civil Engineers (ASCE), founded in 1852, is the oldest national engineering society in the United States. ASCE is dedicated to the advancement of the science and profession of civil engineering through education. ASCE demonstrates its commitment to the individual professional engineer by providing exceptional opportunities for :

- Technical advancement
- Networking
- Career enhancement
- Professional recognition
- Leadership and communication skill training
- Savings on education seminars, conventions, conferences and publications
- First class, low cost insurance programs



## Interest Groups

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### **American Water Resources Association (AWRA)**

5410 Grosvenor Lane  
Suite 220  
Bethesda, MD 20814



(301) 493-8600

The American Water Resources Association (AWRA) is a scientific and education association with over 3,300 members who are involved in many facets of water resources including supply, use, quality, conservation and development.

### **Asbestos Information Association/North America (AIA/NA)**

1745 Jefferson Davis Highway  
Suite 509  
Arlington, VA 22202



(703) 979-1150

AIA/NA is an incorporated, non-profit organization established for educational and scientific purposes. Any firm or corporation engaged in the manufacture, sale or use of products containing asbestos fiber, or in the mining, milling or sale of asbestos fiber, in North America is eligible for membership in the Association. The objectives of the Association are to provide industry-wide information on the asbestos-health relationship and industry efforts to eliminate problems associated with asbestos dust, and to cooperate with government agencies in developing and implementing standards for worker protection from asbestos dust, and for the control of asbestos emissions into community air and water.

### **Association for Conservation Information (ACI)**

Department of Fish, Wildlife and Parks  
930 Custer Avenue  
West Helena, MT 59620



(406) 444-2474

The Association for Conservation Information is a non-profit league of information and education agencies, organizations and professionals whose major role is providing natural resource, environmental, wildlife or related information and education to the public through a wide variety of means. While ACI itself does not prepare or provide information directly to the public, it helps train the staffs of member agencies and provides a means to



## Interest Groups

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exchange skills and ideas. ACI's membership consists of the information, education and public relation staffs of state, Federal and Canadian wildlife and natural resource agencies.

### **Association of Metropolitan Sewerage Agencies (AMSA)**

1225 I St. , NW  
Suite 300  
Washington, DC 20036



(202) 682-5886

The Association of Metropolitan Sewerage Agencies represents the interest and concerns of the nation's larger publicly owned wastewater treatment agencies. The purpose of AMSA is to keep member agencies informed of changes in technology and legislation, to encourage and facilitate information exchange between member agencies and to determine and work toward the common goals of the member agencies. AMSA was organized in 1989 by representatives of a number of large municipal liquid waste treatment agencies.

### **Association of State and Territorial Public Health Laboratory Directors (ASTPHLD)**

6728 Old McLean Village Drive  
McLean, Virginia 22101



(703) 556-9222

The Association of State and Territorial Public Health Laboratory Directors (ASTPHLD) publishes:

- Consolidated Annual Report of Public Health Laboratory Services
- Public Health Laboratory Personnel Salary and Benefit Report
- ASTPHLD Newsletter

### **Association of State and Territorial Solid Waste Management Officials (ASTSWMO)**

444 North Capitol Street, NW  
Suite 388  
Washington, DC 20001



(202) 624-5828

The Association of State and Territorial Solid Waste Management Officials consists of directors and support staff of state and territorial solid and hazardous waste programs.




## Interest Groups

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### **Association of State Drinking Water Administrators**


1911 North Fort Myer Drive  
Arlington, VA 22209

 (703) 524-2428

ASDWA is a professional association that represents the collective interests of state drinking water programs. The Association was formed in late 1984 in response to a growing need by state administrators for representation at the national level. ASDWA communicates the views of state primary agents to Congress, the U.S. Environmental Protection Agency, and other professional organizations.

### **Center for Emergency Response Planning (CERP)**


Workplace Health Fund  
815 16th Street, NW  
Washington, DC 20006

 (202) 842-7834

CERP is a consortium of industrial union departments, AFL-CIO, and the Workplace Health Fund. It provides educational resources, planning assistance to worker representatives on Local Air Planning Commissions, and general chemical information through unions.

### **Center for Environmental Toxicology at Michigan State University**

C231 Holden Hall  
Michigan State University  
East Lansing, Michigan 48824

 (517) 355-1855

The Center for Environmental Toxicology produces fact sheets and other materials for the public on toxic chemicals. Some are distributed through the state's Cooperative Extension Service.



## Interest Groups

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### Chamber of Commerce of the United States

1615 H Street, NW  
Washington, DC 20062



(202) 659-6000

The U.S. Chamber of Commerce was founded on April 22, 1912 at the suggestion of President William Howard Taft to develop a strong link between business and government. As it works to improve local economies and the quality of life, the U.S. Chamber of Commerce keeps these broad objectives in mind: to help businesses prosper and grow, to increase job opportunities, to encourage an orderly expansion and development of all segments of the community, to contribute to the overall economic stability of the community, to encourage and promote the nation's private enterprise system of competitive marketing.

### Chemical Education for Public Understanding Project (CEPUP)

Lawrence Hall of Science  
University of California, Berkeley  
Berkeley, California 94702



(415) 642-8718

With the goal of fostering greater public awareness, knowledge, and understanding of chemicals and how they interact with our lives, CEPUP develops hands-on instructional materials for use both in middle schools and with the public.

### Chemical Waste Transportation Institute (CWTI)

1730 Rhode Island Avenue, NW  
Suite 1000  
Washington, DC 20036



(202) 659-4613

The Chemical Waste Transportation Institute (CWTI) voices the concerns of commercial firms that transport hazardous wastes from the generator to the disposal site, either by truck or rail. Created in 1984 to address specific transportation concerns of its members, CWTI works to promote professionalism and performance standards to minimize risks to public health and safety, develops educational programs to expand public awareness about






## Interest Groups

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the industry, and contributes to the development of effective laws and regulations governing the industry.

### Chlorine Institute (CI)


2001 L Street, NW  
Washington, DC 20036

 (202) 775-2790

The Chlorine Institute represents companies that make, handle, transport, use and supply equipment for chlorine and related chemicals. It is involved in safety, health and environmental protection, and administers a North America-wide response program for chlorine emergencies.

### Clean Sites Inc. (CSI)


1199 N. Fairfax St.  
Alexandria, VA 22314

 (703) 683-8522

Clean Sites Inc. (CSI) is a non-profit 501(c)(3) organization dedicated to solving America's hazardous waste problem. Clean Sites provides active assistance to bring about the cleanup of waste sites by those responsible for them, in the areas of mediation and cleanup cost allocation, technical review, and management of cleanups, and cleanup funds. Clean Sites works closely with both government agencies and responsible parties to ensure that state and Federal standards are maintained throughout all phases.

### Conservation Foundation

1250 24th St., NW  
Washington, DC 20037

 (202) 293-4800

The Conservation Foundation is a research and public education organization promoting wise use of the earth's resources. It conducts research and educational programs in land use, air pollution control, toxic substances, water resources, and environmental dispute resolution and reports periodically on environmental conditions and trends.



## Interest Groups

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### Council of State Community Affairs Agency (COSCAA)

444 N. Capitol Street, NW  
Suite 251  
Washington, DC 20001



(202) 393-6435

The Council of State Community Affairs Agencies is a membership association of state agencies and is dedicated to addressing the common interests and goals of the states with respect to community and economic development, housing, and assistance to local government, particularly as those interests and goals are reflected in the responsibilities of its members. COSCAA presents the views of its members on public policy issues to Congress and the administration, informs its members of new Federal administrative and legislative actions, develops and exchanges information about programs, activities, and achievements of its members, acts as a clearinghouse for groups, organizations, and individuals interested in development activities, and assists its members in designing and implementing development-related programs.

### Council of State Governments

Hall of States, Suite 201  
444 N. Capitol Street, NW  
Washington, DC 20001



(202) 624-5460

For more than half a century, the Council of State Governments has served as a common ground for the states of the nation. A unique association of the states, the Council is the only organization uniting elected and appointed officials from every branch of state government. Determined to bolster the status of state government in the Federal system, today's Council is a source of timely information, innovations, ideas, and inspiration.

### Defenders of Wildlife

1244 Nineteenth Street, NW  
Washington, DC 20036



(202) 659-9510

Defenders of Wildlife is a national, non-profit membership organization




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dedicated to the protection of all native wild animals and plants in their natural communities.

### Environmental Defense Fund (EDF)


267 Park Avenue South  
New York, NY 10010

 (212) 505-2100

The Environmental Defense Fund is a national membership organization dedicated to developing and promoting creative solutions to environmental problems through a partnership of science and law. EDF's efforts aim to protect environmental quality and human health.

### Environmental Industry Council (EIC)


1825 K Street, NW  
Suite 210  
Washington, DC 20006

 (202) 331-7706

The Environmental Industry Council consists of corporations which manufacture environmental protection equipment and materials.

### Environmental Law Institute (ELI)

1616 P Street, NW  
Suite 200  
Washington, DC 20036

 (202) 328-5150

Since its founding in 1969, the Environmental Law Institute has addressed the need for reliable and objective information. The Institute's continuing education program instructs more than 30,000 attorneys, managers, students and other professionals since 1970. ELI conducts key policy research on air and water pollution, hazardous wastes and toxic substances, critical lands regulation, resource economics and administrative law.



## Interest Groups

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### Environmental Policy Forum (EPF)

121 6th Avenue

5th Floor

New York, New York 10013



(212) 431-9700

This volunteer organization of environmental professionals and citizens studies and publicizes current environmental issues within New York City by means of public forum and a newsletter. Its purpose is to foster responsible public policy in the areas of air and water quality, solid-hazardous waste, coastal zone management, water supply, land use, open space, and intergovernmental relations.

### Formaldehyde Institute

1330 Connecticut Ave, NW

Washington, DC 20036



(202) 659-0060

The Formaldehyde Institute was organized in 1979 to address the important medical, scientific, technical, and regulatory issues confronting the industry. The Institute is a group of companies and trade associations which represent every phase of formaldehyde use in industry, including manufacturers, resin and adhesive producers, wood products producers, textile and apparel manufacturers, plastics manufacturers, and many others.

### Friends of the Earth (FOE)

218 D Street, SE -- Dept M

Washington, DC 20003



(202) 544-2600

The recent merger of Friends of the Earth with the Environmental Policy Institute and the Oceanic Society permits all three nationally prominent groups to take actions around the world to influence public policy to protect our future. Friends of the Earth and its two new partners perceive the linkage of environmental threats and take prompt and strong action globally. FOE works internationally as well as locally to preserve biological, cultural and ethnic diversity, and to empower citizens to articulate an effective voice in decisions affecting their communities and their lives.




## Interest Groups

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### **Greenpeace Action**


1436 U Street, NW  
Washington, DC 20009

 (202) 462-1177

Greenpeace Action was formed in 1987 to perform grassroots lobbying and related activities in support of Greenpeace's work in the United States. Greenpeace Action shares the basic goals and philosophy of the worldwide Greenpeace movement: preserving the earth and all the life it supports, working to stop the threat of nuclear war, protecting the environment from nuclear and toxic pollution, and halting the needless slaughter of whales, dolphins, seals and other endangered animals.

### **Groundwater Management Districts Association (GMDA)**


1125 Maize Road  
Colby, KS 67701

 (913) 462-3915

The Groundwater Management Districts Association was organized to enable local districts across the country to communicate and exchange technical information. GMDA has the means to effectively participate in the legislative process. The National Water Resources Association NWRA is chiefly oriented to surface water. GMDA has since become its groundwater arm. GMDA has the added benefits of a Washington office through which legislative communications could be channeled and through which groundwater matters within the Federal government purview could be monitored.

### **Halogenated Solvents Industry Alliance (HSIA)**

1225 19th Street, NW  
Suite 300  
Washington, DC 20036

 (202) 223-5890

The Halogenated Solvents Industry Alliance (HSIA) was formed in 1977 by a group of executives and scientists in the chlorinated solvents industry who recognized the need for specialized assistance in meeting the growing demands and challenges of government regulation. Today, HSIA represents



## Interest Groups

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manufacturers, distributors, and commercial users of halogenated solvents, solvent equipment manufacturers, and other industry associations from its office in Washington.

### **Hazardous Materials Advisory Council (HMAC)**

1110 Vermont Ave, NW  
Suite 250  
Washington, DC 20005



(202) 728-1460

The Hazardous Materials Advisory Council (HMAC) is an international non-profit, membership organization devoted to promoting safety and regulatory compliance in the transportation and handling of hazardous materials, substances and wastes. HMAC provides a unique forum because it represents companies involved in all aspects of the hazardous materials industry. Members include shippers of varying size, carriers of all modes, container manufacturers and reconditioners, emergency response and waste management firms, all sharing information and working together to improve transportation safety.

### **Hazardous Waste Treatment Council (HWTC)**

1440 New York Ave  
Suite 310  
Washington, DC 20005



(202) 783-0870

The Hazardous Waste Treatment Council is a national trade association of commercial waste treatment and management firms and equipment manufacturers that provide high-tech solutions to waste management and site cleanup problems. The Treatment Council is the largest organization of commercial treatment firms, and was the lead industry group in the formulation and enactment of key provisions in the 1984 Resource Conservation and Recovery Act and 1986 Superfund Amendments and Reauthorization Act.




## Interest Groups

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### Industrial Chemical Research Association (ICRA)


1811 Monroe  
Dearborn, MI 48124

 (313) 563-0360

The Industrial Chemical Research Association consists of manufacturers, marketers, researchers, formulators, and suppliers of industrial chemicals. It promotes research, safe practices, and increased selling efficiency in the industrial chemicals industry.

### Industrial Gas Cleaning Institute (IGCI)


1707 L Street, NW  
Suite 570  
Washington, DC 20036

 (202) 457-0911

The Industrial Gas Cleaning Institute (IGCI) is a national association of stationary source air pollution control equipment manufacturers. It was formed in 1960 as a non-profit corporation to promote the industry and encourage improvement of engineering and technical standards. The Industrial Gas Cleaning Institute's mission is to assure a strong and workable national air quality policy that promotes public health, environmental quality, and industrial progress.

### Institute of Environmental Sciences (IES)

940 East Northwest Highway  
Mt Prospect, IL 60056

 (312) 255-1561

Founded in 1953 as a not-for-profit association, the Institute of Environmental Sciences (IES) is a professional society of engineers, scientists and educators from industry, government and academic institutions. Its aim is to understand the effects of environmental factors, both natural and induced, as they relate to the quality, producibility, reliability and safe operation of products, components and systems. The Institute's interests encompass all program phases: management, research, development, design, manufacturing, testing and field operations.




## Interest Groups

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### **International City Management Association (ICMA)**


1120 G Street, NW  
Washington, DC 20005

 (202) 626-4600

The purposes of ICMA are to enhance the quality of local government and to nurture and assist professional local government administrators in the U.S. and other countries. ICMA supports professional management by encouraging local governments to adopt and retain the council manager plan. ICMA provides training and development programs and publications.

### **International Life Sciences Institute - Risk Science Institute (RSI)**


1126 Sixteenth Street, NW  
Washington, DC 20036

 (202) 659-3306

The Risk Science Institute (RSI), which is based in Washington, D.C., is an independently funded research foundation within the International Life Sciences Institute (ILSI). RSI's mission is to improve the scientific basis of risk assessment to ensure that public decisions are sound and that society is protected from the potential adverse effects of environmental chemicals. RSI works toward this goal by sponsoring a wide range of research activities, workshops, and training programs at locations in the United States and around the world.

### **International Society for Ecological Modeling/North American Chapter (ISEM)**

School of Natural Resources  
OSU  
Columbus, OH 43210

 (614) 292-9774

The International Society for Ecological Modeling consists of scientists interested in constructing mathematical models of air, water, and environmental pollution problems.






## Interest Groups

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### **Interstate Conference on Water Problems (ICWP)**


2300 M Street, NW  
Suite 800  
Washington, DC 20037

 (202) 466-7287

The Interstate Conference on Water Problems consists of state and regional agencies, non-profit organizations, and universities concerned with conservation, development, and administration of water and land-related resources.

### **League of Conservation Voters**


1150 Connecticut Ave, NW  
Suite 201  
Washington, DC 20036

 (202) 785-8683

The League of Conservation Voters was founded in 1970 to serve as the non-partisan electoral arm of the American environmental movement. Through its program of precinct canvassing, technical assistance and direct funding, the League has helped environmentalists from both parties win election to the United States Senate and House of Representatives.

### **Leak Detection Technology Association (LDTA)**


1801 K St, NW  
Suite 800  
Washington, DC 20006

 (202) 835-2355

This association is composed of businesses involved in environmental protection and safe-guarding human health through the development and use of leak detection technology.

### **Manufacturers of Emission Controls Association (MECA)**

1707 L Street, NW  
Suite 570  
Washington, DC 20036

 (202) 296-4797

The Manufacturers of Emission Controls Association (MECA) is a non-profit




## Interest Groups

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association incorporated in Washington, D.C. It was formed to provide solid technical information on exhaust emission controls for motor vehicles. Its members include leading manufacturers of catalysts, substrates, mounting sleeves, converter housings and pipes, as well as diesel particulate trap oxidizers.

### **Marine Technology Society (Oceanography) (MTS)**


2000 Florida Ave, NW  
Suite 500  
Washington, DC 20009

 (202) 462-7557

This society consists of scientists, engineers, educators and others with active professional interests in the marine sciences or related fields. Institutional and corporate members are included in the society. The purpose of the society is to disseminate marine scientific and technical knowledge and to foster a deeper understanding of the world's seas and attendant technologies.

### **Metropolitan Washington Environmental Professionals (MWEP)**


P.O. Box 9541  
Washington, DC 20016

 (202) 966-0965

The Metropolitan Washington Environmental Professionals (MWEP) is a broad interest environmental society which holds environmental programs monthly and publishes the "Environmental Network" - a monthly newsletter.

### **National Agricultural Chemicals Association (NACA)**

1155 15th Street, NW  
Madison Building, Suite 900  
Washington, DC 20005

 (202) 296-1585

The National Agricultural Chemicals Association (NACA) is a national association of the manufacturers and formulators of pest control products employed in agricultural production. NACA was organized in 1933 to promote the interests of manufacturers and formulators of agricultural chemicals. The primary purpose of the National Agricultural Chemicals Association is to provide a collective industrial force to advance the level of public




## Interest Groups

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understanding of the value of pesticides in the production of food and fiber to foster legislation which will promote the safe and proper use of industry products and encourage continuing research for new products.

### National Association of Attorneys General (NAAG)


444 N. Capitol St., NW  
Suite 403  
Washington, DC 20001

 (202) 628-0435

The National Association of Attorneys General provides a forum for the exchange of information and experience among chief legal officers of the fifty states and five other jurisdictions, fosters interstate cooperation on legal and law enforcement issues, and conducts policy research and analysis of issues pertaining to the states and territories.

### National Association of Conservation Districts (NACD)


509 Capitol Ct., NE  
Washington, DC 20002

 (202) 547-6223

The National Association of Conservation Districts is a national spokesman for the nation's nearly 3,000 soil and water conservation districts. Its programs and activities are aimed at advancing the resource conservation cause of the local district and the millions of cooperating landowners whom they serve in their local communities. NACD was founded in 1946, following dust bowl days and the creation of the nationwide conservation district system. It is built on the philosophy that conservation decisions should be made by local people with technical and funding assistance provided by Federal, state and local governments.

### National Association of Counties (NACo)

440 First St., NW  
8th Floor  
Washington, DC 20001

 (202) 393-6226

NACo serves as a forum for improving the nation's county governments and to communicate the county viewpoint to national officials. NACo acts as a




## Interest Groups

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liaison with other levels of government, serves as a national advocate for counties, and achieves a public understanding of the role of counties in the intergovernmental system.

### **National Association of County Health Officials (NACHO)**


440 First St., NW  
Washington, DC 20001

 (202) 783-5550

The National Association Of County Health Officials (NACHO) represents more than 1,800 county health departments nationwide. NACHO is dedicated to maintaining and improving community health status through effective delivery of public health and preventive services. An affiliate of the National Association of Counties (NACo), NACHO is also a major facilitator of educational and scientific dialogue among county health officials and elected and appointed non-health officials at the local, state and Federal levels.

### **National Association of Manufacturers (NAM)**


1331 Pennsylvania Ave, NW  
Suite 1500 North  
Washington, DC 20004-1703

 (202) 637-3000

The National Association of Manufacturers voices industry concerns on the national level. Manufacturing companies from throughout the United States comprise most of NAM's members.

### **National Association of Regional Councils (NARC)**

1700 K. Street, NW  
Suite 1306  
Washington, DC 20006

 (202) 457-0710

In 1967 the National Association of Regional Councils was established to foster city-county cooperation. NARC provides its members with service and support to meet the ever-changing needs and challenges of regional governance. NARC promotes understanding of regional councils, represents its members in Washington with Congress and the Federal government, provides




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technical assistance and educational services, and fosters the exchange of information through a variety of publications.

### **National Association of Solvent Recyclers (NASR)**


1333 New Hampshire Avenue, NW  
Suite 1100  
Washington, DC 20036

 (202) 463-6956

The National Association of Solvent Recyclers represents the interests of companies engaged in the use and recycling of industrial solvents.

### **National Association of State Budget Officers (NASBO)**


Hall of States Suite 295  
400 N. Capitol St, NW  
Washington, DC 20001

 (202) 624-5382

The National Association of State Budget Officers (NASBO), founded in 1945, is the principal organization for the professional development of its members. It works to improve the capabilities of staff and information available to state budget offices, and for the development of the national fiscal policies of the National Governors' Association. NASBO is a self-governing affiliate of the National Governors' Association.

### **National Association of State Departments of Agriculture (NASDA)**

1616 H Street, NW  
Washington, DC 20006

 (202) 628-1566

NASDA's purpose is to better American agriculture, promote unity and efficiency in the administration of agricultural statutes and regulations, develop cooperation between state departments of agriculture with the U.S. Department of Agriculture, and establish Federal-state cooperative programs to promote agricultural interests.




## Interest Groups

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### **National Association of State Land Reclamationists (NASLR)**


P.O. Box U  
Big Stone Gap, VA 24219

 (703) 523-2925

The National Association of State Land Reclamationists brings together state reclamation officials for activities of mutual interest and to promote cooperation between the states, private mining groups, and the Federal government on matters affecting the reclamation of mined lands.

### **National Association of State Title III Program Officials (NASTTPO)**


Kansas Department of Health and  
Environment  
Building 740, Forbes Field

 (913) 296-1690

NASTTPO works with the National Governors' Association and the National Emergency Management Association to seek effective implementation of the Community Right-to-Know Act (Title III) at the state and local levels.

### **National Association of Towns and Townships (NATaT)**

1522 K Street, NW  
Suite 730  
Washington, DC 20005

 (202) 737-5200

The National Association of Towns and Townships (NATaT) champions the cause of America's small governments. NATaT advocates for grassroots governments, helps elected leaders be more effective and enhances the quality of life for people living in Hometown, USA. The association offers local government officials skills training and technical advice on managing grants and local development.



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### **National Coalition Against the Misuse of Pesticides (NCAMP)**

530 7th Street, SE  
Washington, DC 20003



(202) 543-5450

The National Coalition Against the Misuse of Pesticides (NCAMP) was formed to serve as a national network committed to pesticide safety and the adoption of alternative pest management strategies which reduce or eliminate a dependency on toxic chemicals.

### **National Conference of State Legislatures (NCSL)**

444 N. Capitol St., NW  
Suite 500  
Washington, DC 20001



(202) 624-5400

NCSL is a national organization of state legislators and legislative staff whose aim is to improve the quality and effectiveness of state legislators, to ensure states a strong, cohesive voice in the Federal decision-making process and to foster interstate communication and cooperation.

### **National Emergency Managers Association (NEMA)**

c/o State Emergency Management Office  
Public Security Building, State Campus  
Albany, New York 12226



(518) 457-2202

The National Emergency Managers Association (NEMA) is a national organization of state emergency management directors.

### **National Environmental Development Association (NEDA)**

1440 New York Ave, NW  
Suite 300  
Washington, DC 20005



(202) 638-1235

The National Environmental Development Association (NEDA) works with industry, labor and agriculture to affect national environmental policies. NEDA has regularly communicated with Congress, regulatory agencies, the



## Interest Groups

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media and the general public on such key issues as air and water pollution control, waste management and ground water.

### **National Environmental Training Association (NETA)**

8687 Via de Ventura  
Suite 214  
Scottsdale, AZ 85258



(602) 951-1440

The National Environmental Training Association (NETA) is the association of professional environmental trainers who deliver or manage training in the fields of water, wastewater, noise and air pollution, solid waste, asbestos abatement and occupational safety. NETA's more than 900 members around the globe are affiliated with educational institutions, municipalities, industries, consulting firms, state and Federal agencies, and national and international organizations. NETA's services and programs are business necessities and geared toward anyone who delivers or manages environmental training programs.

### **National Governors' Association (NGA)**

44 N. Capitol St., NW  
Suite 250  
Washington, DC 20001



(202) 624-5300

Governors work together through the National Governors' Association to deal collectively with issues of public policy and governance. The Association's ongoing mission is to support the work of the governors by providing a bipartisan forum, to help shape and implement national policy, and to solve state problems. The members of the National Governors' Association include the governors of the fifty states, the commonwealths of the Northern Mariana Islands and Puerto Rico, and the territories of American Samoa, Guam, and the Virgin Islands.






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### **National League of Cities (NLC)**


1301 Pennsylvania Ave, NW  
Suite 600  
Washington, DC 20004

 (202) 626-3000

NLC is dedicated to making cities efficient and improving the delivery of municipal services by providing answers to questions about the day-to-day realities of running a city or town including refuse collection, employment practices, police management, cable television, hazardous waste management and international trade.

### **National Oil Recyclers Association (NORA)**


1891 Preston White Drive  
P.O. Box 2459  
Reston, VA 22091

 (703) 335-9700

The National Oil Recyclers Association is comprised of primary producers of recycled used oil fuel. Its purpose is to represent the interests of used oil recyclers to the U.S. Environmental Protection Agency, to ensure regulations on used oil are carried out and to encourage recycling.

### **National Solid Wastes Management Association (NSWMA)**

1730 Rhode Island Ave, NW  
10th Floor Suite 100  
Washington, DC 20036

 (202) 659-4613

For the past 25 years, private refuse businesses, government officials, and the public have turned to the National Solid Wastes Management Association for the guidance, assistance, and information they need to manage the waste stream professionally and efficiently. NSWMA members and staff work to find effective, safe solutions to society's waste disposal needs while protecting and preserving our environment. Based in Washington DC, NSWMA speaks for more than 2300 companies involved in every aspect of the waste services industry in the U.S., Canada, and other nations.



## Interest Groups

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### National Wildlife Federation (NWF)

1400 16th Street, NW  
Washington, DC 20036



(202) 797-6800

The National Wildlife Federation (NWF) is the world's largest organization of private citizens promoting the wise use of natural resources. It is a non-governmental, non-profit, conservation education organization governed by an all-volunteer board of directors.

### Natural Resources Defense Council (NRDC)

122 E. 42nd Street  
New York, NY 10168



(212) 949-0049

This organization is dedicated to protecting endangered natural resources and improving the quality of the human environment. Areas of concentration are air and water pollution, nuclear safety, land use, urban environment, toxic substances control, resource management, wilderness and wildlife protection, and coastal zone management.

### Nature Conservancy

1815 N. Lynn St.  
Arlington, VA 22209



(703) 841-5300

The Nature Conservancy is an international non-profit organization with one mission: to preserve rare and endangered species and natural communities through protection of the ecosystems that sustain them. The Nature Conservancy identifies species and natural communities, their best remaining locations, and what they need to survive. The Conservancy protects the sites, through purchase, gift, or other real estate devices that help stretch every donated dollar. They maintain the long-term health of what is protected through sound land management and careful monitoring.



## Interest Groups

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### **Oceanic Society**

1536 16th Street, NW  
Washington, DC 20036



(202) 328-0098

The Oceanic Society is a national membership organization dedicated solely to the protection of the ocean for people and wildlife who depend on it for life, livelihood, and enjoyment. Formed in 1969, the Society is a voice for the oceans -- at local, state, national and international levels. The society's staff is composed of lawyers, scientists and educators who analyze public policy initiatives and practices from an environmental perspective, advocating research, education and conservation initiatives to ensure the protection and wise use of ocean, coastal and estuarine ecosystems. In 1989, the Oceanic Society joined forces with Friends of the Earth (FOE).

### **Printing Industries of America, Inc.**

1730 North Lynn Street  
Arlington, VA 22209



(703) 841-8114

Printing Industries of America, Inc. is a national trade association representing more than 12,500 printers and allied graphic arts groups.

### **Process Equipment Manufacturers Association (PEMA)**

7297 Lee Highway  
Suite N  
Falls Church, VA 22042



(703) 533-0286

The Process Equipment Manufacturers' Association (PEMA) is a top management association for companies in the process equipment field. Its purpose is to maintain a mutual and cooperative organization of manufacturers. PEMA maintains a functional, results-oriented trade association responding to changing membership needs and provides a social/business base where members can meet to share and exchange views where common interests may exist, and collects and distributes statistical data relevant to the interests of the membership.



# Interest Groups

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## Public Citizen

215 Pennsylvania Avenue, SE  
Washington, D.C 20003



(202) 546-4996

Public Citizen is a non-profit membership organization based in Washington, D.C., representing consumer interests through lobbying, litigation, research and publications. Since its founding by Ralph Nader in 1971, Public Citizen has fought for consumer rights in the marketplace, for safe products, for a healthy environment and workplace, for clean and safe energy sources, and for corporate and government accountability.

## Public Risk and Insurance Management Association (PRIMA)

1117 N. 19th Street  
Suite 900

Arlington, Virginia 22209



(703) 528-7701

Established in 1978, the Public Risk and Insurance Management Association (PRIMA) is a membership organization for public sector risk management practitioners countrywide. PRIMA has grown to more than 1,400 members from the vast community of public agencies. These include not only cities and counties but also school districts, highway authorities, water districts and other types of special-purposes districts. Through its 70 intergovernmental risk sharing pools, PRIMA represents an additional 7,000 local governments and aids them in solving their specific problems. PRIMA is dedicated to increasing risk management professionalism in public agencies. The Association advises public agencies on liability and other exposures that affect their operations and is committed to improving the operation of state and local governments through proven risk management techniques. PRIMA is a national organization whose sole purpose is to serve government risk managers.




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### Renew America


1400 16th Street, NW  
Suite 710  
Washington, DC 20036

 (202) 232-2252

Renew America is an educational and networking forum dedicated to the development of a safe and sustainable environment. Renew America provides environmental information and recommendations to local, state, and Federal policymakers, the media, and environmental organizations. Renew America's evaluations of current environmental policies help communities not only identify, but solve their environmental problems.

### Resources for the Future (RFF)


1616 P Street, NW  
Washington, DC 20036

 (202) 328-5000

Resources for the Future (RFF) is an independent non-profit organization that advances research and public education in the development, conservation, and use of natural resources and in the quality of the environment. Established in 1952 with the cooperation of the Ford Foundation, it is supported by an endowment and by grants from foundations, government agencies, and corporations. RFF research is primarily social scientific, especially economic. It is concerned with the relationship of people to the natural resources of land, water, and air; with the products and services derived from these basic resources; and with the effects of production and consumption on environmental quality, human health and well-being.

### Sierra Club

730 Polk Street  
San Francisco, CA 94109

 (415) 776-2211

The aim of the Sierra Club is to explore, enjoy, and protect the wild places of the earth, to promote responsible use of the earth's ecosystems and resources, and to restore the quality of the natural and human environment by using lawful means.




## Interest Groups

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### Society for Occupational and Environmental Health (SOEH)


PO Box 42360  
Washington, DC 20015-0360

 (202) 797-8666

The Society for Occupational and Environmental Health (SOEH) serves as a forum for the presentation of scientific data and the exchange of information among occupational and environmental health professionals in government, industry, labor, and academia with the aim of reducing the risks of occupational and environmental hazards. The Society facilitates this communication through its official journal, "The Archives of Environmental Health", and by sponsoring an annual conference.

### Society for Risk Analysis (SRA)


8000 Westpark Drive  
Suite 400  
McLean, VA 22102-3101

 (703) 790-1745

The major aims of the Society for Risk Analysis are the promotion of knowledge and understanding of risk analysis techniques and their applications, the communication and interaction among those engaged in risk analysis, the dissemination of risk analysis information and concepts and the advancement of the state-of-the-art in all aspects of risk analysis. Society members represent the health sciences, engineering, the physical sciences, the social sciences, economics, and other fields. The Society promotes interdisciplinary and international exchanges between these groups, and ensures that all groups contribute to Society activities and publications.

### Society of Toxicology

1133 15th Street, NW  
Suite 620  
Washington, DC 20005

 (202) 293-5935

The Society of Toxicology consists of individuals concerned with the effects of chemicals on living organisms.




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### **Society of Vector Ecologists (SVE)**


Box 87  
Santa Ana, CA 92702

 (714) 971-2421

The Society of Vector Ecologists studies the environmental interrelationships of arthropods and disease-bearing animals of public health importance as a basis for developing improved prevention and control measures.

### **Soil and Water Conservation Society (SWCS)**


7515 Northeast Ankeny Road  
Ankeny, IA 50021

 (515) 289-2331

Founded in 1945, as the Soil Conservation Society of America, by leaders of the soil conservation movement. SWCS is devoted to the conservation of land, water, and related resources to meet the needs of present and future generations by creating a variety of forums to identify, analyze and formulate workable recommendations on land and water management policy and issues. The name was changed in 1987 from the Soil Conservation Society of America to the Soil and Water Conservation Society. The change reflects the Society's interest in soil and water conservation and the organization's international membership and scope of activities.

### **State and Territorial Air Pollution Program Administrators (STAPPA)**

444 North Capitol St., NW  
Suite 306  
Washington, DC 20001

 (202) 624-7864

It is the objective of the STAPPA headquarters to improve the effectiveness of state and local air pollution control programs and to coordinate the activities of state and local officials in this field. Toward this end, the headquarters serves as liaison with the U.S. Environmental Protection Agency, Congress, industrial associations, environmental organizations and others who are interested in protecting our air resources.



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### Synthetic Organic Chemical Manufacturers Association (SOCMA)

1330 Connecticut Avenue, NW  
Washington, DC 20036



(202) 659-0060

SOCMA's mission is to promote commercial growth and to provide commercial contracts for members to purchase and sell organic chemicals, and to support the implementation of sound and effective regulations that sustain the economic viability of the organic and chemical industry and protect the health, welfare, and environment of American consumers and workers.

### Technical Association of the Pulp and Paper Industry (TAPPI)

Box 105112

Technology Park  
Atlanta, GA 30348



(404) 446-1400

TAPPI is the world's largest association serving the pulp and paper, packaging and converting, nonwovens and allied industries. Its fundamental purpose is to collect and disseminate technical information for the executives, engineers, scientists, technologists, operating managers, consultants and students who work in these industries. More than 28,000 industry professionals from over 83 countries around the world are members of TAPPI today.

### United States Conference of Mayors (USCM)

1620 Eye St., NW  
Washington, DC 20006



(202) 293-7330

The United States Conference of Mayors is the official non-partisan organization of cities with populations of 30,000 or more. It has taken the lead in calling national attention to the problems and potential of urban America.






## Interest Groups

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### Urban Land Institute (ULI)


1090 Vermont Avenue, NW  
Suite 300  
Washington, DC 20005

 (202) 289-8500

The Urban Land Institute (ULI) is an independent research and educational organization whose members work with other land use professionals to make the best possible use of the land and development resources. ULI's purpose is to foster improvement in land development policy and practice through information exchange, establishment of development standards, and research and education.

### Water Pollution Control Federation (WPCF)


601 Wythe St  
Alexandria, Va. 22314

 (703) 684-2400

For over 58 years, the Water Pollution Control Federation has been in the business of developing and disseminating information concerning the nature, collection and treatment of domestic and industrial water. WPCF is a non-profit, educational organization comprised of water quality specialists from every profession in the field. The Federation represents civil, design and environmental engineers, biologists, bacteriologists, local and national government officials, treatment plant operators, laboratory technicians, chemists, students, teachers, industrial technologists, and equipment manufacturers/distributors.

### Water Resources Congress (WRC)

3800 North Fairfax Drive  
Suite 7  
Arlington, VA 22203

 (703) 525-4881

For more than eighty years the Water Resources Congress (WRC) has promoted the development of economically justified and environmentally acceptable water projects to reduce flood damage and to meet urban, agricultural, conservation, recreational and transportation water needs.



## Interest Groups

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### Wilderness Society

1400 I Street, NW  
10th Floor  
Washington, DC 20005



(202) 842-3400

Since its founding in 1935, The Wilderness Society has applied itself vigorously to all activities relating to American's Federal public lands. The Society provides timely and accurate information and analysis on issues affecting these lands to the Department of the Interior, the U.S. Forest Service and other executive agencies, to Congress, and to the courts. Through its membership, through cooperation with other local, state and national conservation groups, through the media, and through Society-sponsored workshops and seminars, the Society seeks to educate and encourage concerned citizens to participate in the decision-making process for determining the future of the nation's public lands system.

### Wildlife Society

5410 Grosvenor Lane  
Bethesda, MD 20814



(301) 897-9770

The Wildlife Society is an international non-profit organization comprised of professionals serving the resource management fields, especially wildlife ecology and management. Diverse disciplines are found among the 8,400 Society members residing in over 40 countries. Members include administrators, biologists, conservation enforcement officers, educators, information specialists, managers, researchers, and students.

### Working Group on Community Right-to-Know

218 D Street, SE  
Washington, DC 20003



(202) 544-2600

The Working Group on Community Right-To-Know represents a coalition of voluntary groups with environmental concerns. It is affiliated with the Environmental Policy Institute.




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### World Environment Center, Inc.


605 Third Avenue  
17th Floor  
New York, NY 10158

 (212) 986-7200

The World Environment Center is a non-advocacy organization whose purpose is to increase public understanding of international environmental and development issues through its International Network for Environmental Management.

### World Wildlife Fund (WWF)


1250 24th Street, NW  
Washington, DC 20037

 (202) 293-4800

Since its founding in 1961, World Wildlife Fund has been protecting the world's threatened wildlife and the habitats they need to survive. With national affiliates in 23 countries across five continents, World Wildlife Fund acts quickly when conservation emergencies arise, such as the need to save a highly endangered species or habitat, or to acquire valuable land for a park or protected area. The WWF meets its conservation objectives by protecting individual species, protecting endangered habitats, protecting tropical forests, protecting whole ecosystems, promoting the sustainable use of natural resources through education, training, and management, and providing scientific expertise in support of joint projects with other conservation organizations.

### Worldwatch Institute

1776 Massachusetts Ave, N.W  
Washington, DC 20036

 (202) 452-1999

The Worldwatch Institute is an independent, non-profit research organization based in Washington, DC. The Worldwatch Institute was founded in 1974 to inform policymakers and the general public about the independence of the world economy and its environmental support systems. The Worldwatch



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research staff analyzes issues from a global perspective and within an integrated, interdisciplinary framework.



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| ASTSWMO | Association of State and Territorial Solid Waste Management Officials   | H-9  |
| AWRA    | American Water Resources Association                                    | H-8  |
| CEPUP   | Chemical Education for Public Understanding Project                     | H-11 |
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| CSI     | Clean Sites Inc.  | H-12 |
| CWTI    | Chemical Waste Transportation Institute                                 | H-11 |
| EDF     | Environmental Defense Fund  | H-14 |
| EIC     | Environmental Industry Council  | H-14 |
| ELI     | Environmental Law Institute   | H-14 |
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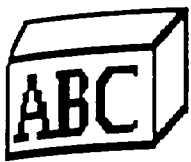
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| NACA    | National Agricultural Chemicals Association                          | H - 21 |
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| NACHO   | National Association of County Health Officials                      | H - 23 |
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| SWCS    | Soil and Water Conservation Society                            | H-34 |
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| WPCF    | Water Pollution Control Federation                             | H-36 |
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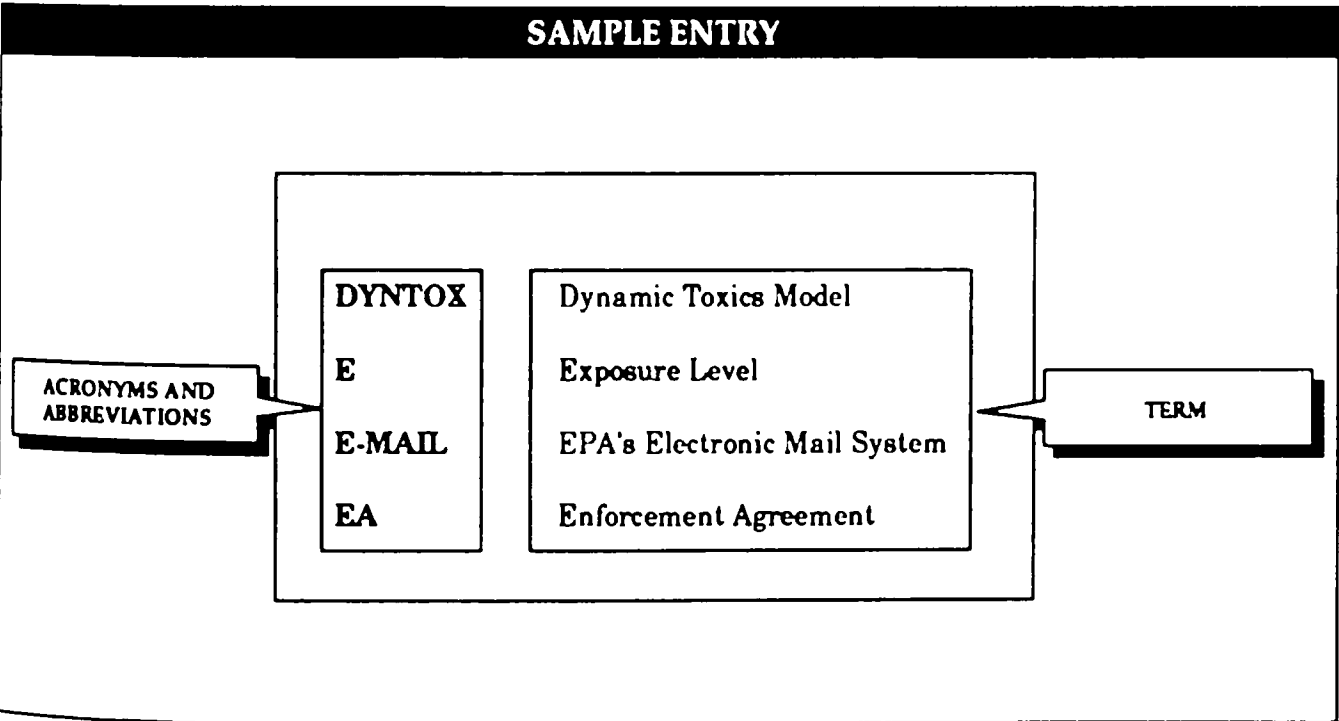


# Section I

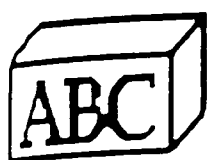
## Acronyms & Abbreviations

Newcomers to the Agency as well as members of the general public may sometimes find themselves engulfed in a flood of Agency acronyms and abbreviations. To assist with this situation, several Agency offices compiled acronym and abbreviation lists of their own. To further this process, this section combines acronym and abbreviations lists from several Agency sources as listed below. The acronyms and abbreviations represent a variety of terms: environmental statutes and regulations, public and private interest groups, EPA organizational units and position titles, Federal agencies and general terminology.

This section is arranged alphabetically by acronym or abbreviation. Since this list was compiled from a number of different sources, the same acronym may appear more than once. No attempt was made to standardize the acronym or abbreviations as the same acronym might represent different terms in different EPA programs. In most instances it was possible to follow the acronym or abbreviation by its corresponding term in entirety. If not, the excluded phrase is represented by an ellipsis (...).



Sources: Office of Air and Radiation, OAQPS, RTP, NC, SLANG (Selected Letter & Abbreviated Name Guide), 1988.  
Office of Enforcement and Compliance Monitoring, Glossary of EPA Acronyms, 1988.  
Office of Public Affairs, Glossary of Environmental Terms and Acronyms, 1988.



# Acronyms & Abbreviations

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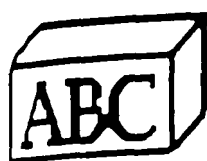
|            |   |
|------------|---|
| 301(H)APPS | Applications for Variance from Secondary Treatment... |
| 301(H)INFO | 301(h) Application Tracking System                    |
| 403C       | Section 403(c) Information                            |
| 5SEG       | Spatially Segmented Phytoplankton Model               |
| A          | Argon   |
| A&C        | Abatement & Control                                   |
| A&R        | Air and Radiation                                     |
| A/WPR      | Air/Water Pollution Report                            |
| AA         | Accountable Area                                      |
| AA         | Adverse Action  |
| AA         | Assistant Administrator                               |
| AA         | Associate Administrator                               |
| AA         | Atomic Absorption                                     |
| AA         | Advices of Allowance                                  |
| AAA        | American Arbitration Association                      |
| AAA        | American Automobile Association                       |
| AAAS       | American Association for the Advancement of Scienc... |
| AAEE       | American Academy of Environmental Engineers           |
| AAEM       | American Academy of Environmental Medicine            |
| AAES       | American Association of Engineering Societies         |
| AANWR      | Alaskan Arctic National Wildlife Refuge               |
| AAOHN      | American Association of Occupational Health Nurses    |
| AAP        | Affirmative Action Plan                               |
| AAP        | Affirmative Action Program                            |
| AAP        | Asbestos Action Program                               |
| AAPCO      | Association of American Pesticides Control Officer... |
| AAR/BOE    | Association of American Railroads/Bureau of Explos... |
| AARC       | Alliance for Acid Rain Control                        |
| AARP       | American Association of Retired Persons               |
| ABA        | American Bar Association                              |
| ABAG       | Association of Bay Area Governments                   |
| ABES       | Alliance for Balanced Environmental Solutions         |
| ABMA       | American Boiler Manufacturers Association             |
| ABTRES     | Abatement and Residual Forecasting Model              |
| AC         | Actual Commitment                                     |
| AC         | Advisory Circular                                     |
| AC         | Alternating Current                                   |
| ACA        | American Conservation Association, Inc.               |
| ACBM       | Asbestos-Containing Building Material                 |
| ACE        | Alliance for Clean Energy                             |
| ACEC       | American Consulting Engineers Council                 |



# Acronyms & Abbreviations

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|         |   |
|---------|---|
| ACEEE   | American Council for an Energy Efficient Economy      |
| ACFM    | Actual Cubic feet per minute                          |
| ACGIH   | American Conference of Governmental Industrial Hyg... |
| ACI     | Association for Conservation Information              |
| ACL     | Alternative Concentration Limits                      |
| ACL     | Analytical Chemistry Laboratory                       |
| ACM     | Asbestos-Containing Material                          |
| ACP     | Air Carcinogen Policy                                 |
| ACQR    | Air Quality Control Region                            |
| ACQUIRE | Aquatic Information Retrieval                         |
| ACR     | Agency Confirmation Agreement                         |
| ACS     | American Chemical Society                             |
| ACSH    | American Council on Science and Health                |
| ACT     | Action  |
| ACTS    | Asbestos Contractor Tracking System                   |
| ACWA    | American Clean Water Association                      |
| ADABAS  | Adaptable Data Base                                   |
| ADAPT   | Adapt II Structural Activities                        |
| ADARD   | Acid Deposition and Atmospheric Research Division ... |
| ADAS    | Acid Deposition Assessment Staff (ORD)                |
| ADB     | Applications Data Base                                |
| ADB     | Applications Data Base                                |
| ADBA    | Adabas Administrator                                  |
| ADCO    | Alternate Document Control Officer                    |
| ADCR    | Automated Document Control Register                   |
| ADCRMG  | Automated Document Control Register Management Gro... |
| ADI     | Acceptable Daily Intake                               |
| ADMIN   | ERL-Athens Administrative System                      |
| ADP     | Applications Data Base                                |
| ADP     | Automated Data Processing                             |
| ADPCE   | Arkansas Department of Pollution Control and Ecolo... |
| ADPCETS | ADP Capital Equipment Inventory System                |
| ADPE    | Automated Data Processing Equipment                   |
| ADPS    | Acid Deposition Planning Staff (ORD)                  |
| ADQ     | Audits of Data Quality                                |
| ADR     | Alternative Dispute Resolution                        |
| ADSS    | Air Data Screening System                             |
| ADT     | Average Daily Traffic                                 |
| ADTRACS | Assistance Disputes                                   |
| AEA     | Atomic Energy Act                                     |



## Acronyms & Abbreviations

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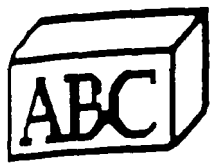
|       |  |
|-------|--|
| AEC   | Associate Enforcement Counsel (OECM)                   |
| AED   | Air Enforcement Division (OECM)                        |
| AED   | Analysis and Evaluation Division (OW)                  |
| AEE   | Alliance for Environmental Education                   |
| AEERL | Air and Energy Engineering Research Laboratory (OR...) |
| AEM   | Acoustic Emission Monitoring                           |
| AERE  | Association of Environmental & Resource Economists     |
| AEROS | Aerometric and Emissions Reporting System              |
| AES   | Air and Energy Staff (ORD)                             |
| AES   | American Electroplating Society                        |
| AES   | Analysis and Evaluation Staff                          |
| AES   | Auger Electron Spectrometry                            |
| AESA  | Association of Environmental Scientists and Admini...  |
| AFA   | American Forestry Association                          |
| AFBF  | American Farm Bureau Federation                        |
| AFCA  | Area Fuel Consumption Allocation                       |
| AFDO  | Award Fee Determination Official                       |
| AFGE  | American Federation of Government Employees            |
| AFI   | American Forest Institute                              |
| AFRCE | Air Force Regional Civil Engineers                     |
| AFS   | AIRS Facility Subsystem (OAR)                          |
| AFUG  | AIRS Facility Users Group (OAR)                        |
| AG    | Attorney General                                       |
| AGA   | American Gas Association, Inc.                         |
| AGC   | Associate General Counsels (OGC)                       |
| AGCA  | Associated General Contractors of America              |
| AGDS  | Automated Grants Documentation System                  |
| AH    | Allowance Holder                                       |
| AHERA | Asbestos Hazard Emergency Response Act                 |
| AHM   | Allowance Monthly Holder                               |
| AI    | Artificial Intelligence                                |
| AIA   | American Institute of Architects                       |
| AIA   | Asbestos Information Association                       |
| AIADA | American International Automobile Dealers Associat...  |
| AIC   | Acceptable Intake for Chronic Exposures                |
| AIChE | American Institute of Chemical Engineers               |
| AICPA | American Institute of Ceritified Public Accountant...  |
| AICR  | Alternative Internal Control Review                    |
| AICUZ | Air Installation Compatible Use Zones                  |
| AID   | Agency for International Development                   |



## Acronyms & Abbreviations

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|            |   |
|------------|---|
| AIF        | Atomic Industrial Health Forum, Inc.                  |
| AIG        | Assistant Inspector General                           |
| AIHC       | American Industrial Health Council                    |
| AIME       | American Institute of Metallurgical, Mining and Pe... |
| AIP        | Auto Ignition Point                                   |
| AIRDOS-EPA | Atmospheric Dispersion of Radionuclides               |
| AIRS       | Accident and Illness Reporting System                 |
| AIRS       | Aerometric Information Retrieval System               |
| AIRS       | Air Quality Subsystem                                 |
| AIS        | Acceptable Intake for Subchronic Exposures            |
| AIS        | Asbestos Information System                           |
| AISCM      | Advanced Information System for Career Management     |
| AISI       | American Iron & Steel Institute                       |
| AL         | Acceptable Level                                      |
| AL         | Administrative Leave                                  |
| AL         | Annual Leave  |
| ALA        | American League of Anglers, Inc.                      |
| ALA        | American Lung Association                             |
| ALA        | Delta-Aminolevulinic Acid                             |
| ALAPCO     | Association of Local Air Pollution Control Officia... |
| ALARA      | As Low As Reasonably Achievable                       |
| ALC        | Application Limiting Constituent                      |
| ALD-O      | Delta-Aminolevulinic Acid Dehydrates                  |
| ALEC       | American Legislative Exchange Council                 |
| ALJ        | Administrative Law Judge                              |
| ALMS       | TALMS Without the Tunable                             |
| ALPS       | ERL-Athens Lab Planning System                        |
| ALR        | Action Leakage Rate                                   |
| ALS        | American Littoral Society                             |
| ALT-SEA    | Assembly Line Test and Selective Enforcement Audit... |
| AMA        | American Medical Association                          |
| AMBIENS    | Atmospheric Mass Balance of Industrially Emitted a... |
| AMC        | American Mining Congress                              |
| AMC        | Army Material Command (DOD)                           |
| AMD        | Air Management Division (regional)                    |
| AMIS       | Air Management Information System                     |
| AMPS       | Automatic Mapping and Planning System                 |
| AMS        | Administrative Management Staff (OAR)(ORD)            |
| AMS        | American Meteorological Society                       |
| AMS        | Army Map Service                                      |



# Acronyms & Abbreviations

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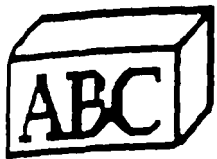
|        |   |
|--------|---|
| AMSA   | Association of Metropolitan Sewerage Agencies         |
| AMSD   | Administrative and Management Services Division (O... |
| ANEC   | American Nuclear Energy Council                       |
| ANPR   | Advance Notice of Proposed Rulemaking                 |
| ANRHRD | Air, Noise and Radiation Health Research Division ... |
| ANSI   | American National Standards Institute                 |
| ANSS   | American Nature Study Society                         |
| AO     | Administrative Officer                                |
| AO     | Administrative Order                                  |
| AO     | Administrator's Officer                               |
| AO     | Area Office   |
| AO     | Awards and Obligations                                |
| AOC    | Abnormal Operating Conditions                         |
| AOD    | Argon-Oxygen Decarbonization                          |
| AOML   | Atlantic Oceanographic and Meteorological Laborato... |
| AOO    | Accounting Operations Office                          |
| AOO    | American Oceanic Organization                         |
| AOS    | Audit Operations Staff (OEA)                          |
| AP     | Accounting Point                                      |
| APA    | Administrative Procedure Act                          |
| APA    | American Planning Association                         |
| APCA   | Air Pollution Control Association                     |
| APCD   | Air Pollution Control District                        |
| APDS   | Automatic Procurement Documentation Systems           |
| APER   | Air Pollution Emissions Report                        |
| APGR   | Ann Arbor AP-42 Program                               |
| APHA   | American Public Health Association                    |
| API    | American Paper Institute                              |
| API    | American Petroleum Institute                          |
| APPA   | American Public Power Association                     |
| APRAC  | Urban Diffusion Model for Carbon Monoxide from Mot... |
| APS    | ADP Planning System                                   |
| APS    | Automated Personnel System                            |
| APT    | Associated Pharmacologists & Toxicologists            |
| APTI   | Air Pollution Training Institute                      |
| APTMD  | Air, Pesticides, and Toxics Management Division       |
| APWA   | American Public Works Association                     |
| AQ-7   | Nonreactive Pollutant Modeling                        |
| AQCCT  | Air Quality Criteria and Control Techniques           |
| AQCR   | Air Quality Control Region (CAA)                      |



## Acronyms & Abbreviations

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|          |   |
|----------|---|
| AQD      | Air Quality Digest                                    |
| AQDHS    | Air Quality Data Handling System                      |
| AQDHS    | Air Quality Data Handling System II                   |
| AQDM     | Air Quality Display Model                             |
| AQM1     | Region 1 Air Quality Models                           |
| AQM2     | Region 2 Puerto Rico EQB Air Quality Model            |
| AQMA     | Air Quality Maintenance Area                          |
| AQMD     | Air Quality Management Division (OAR)                 |
| AQMP     | Air Quality Maintenance Plan                          |
| AQMP     | Air Quality Management Plan                           |
| AQSM     | Air Quality Simulation Model                          |
| AQSY     | Ann Arbor Air Quality System                          |
| AQTAD    | Air Quality Technical Assistance Demonstration        |
| AQUIFR   | Artificial Aquifer Data Collection System             |
| AQUIRE   | Aquatic Information Retrieval                         |
| ARA      | Assistant Regional Administrator                      |
| ARA      | Associate Regional Administrator                      |
| ARAR     | Applicable or Relevant and Appropriate Requirement... |
| ARB      | Air Resources Board                                   |
| ARC      | Agency Ranking Committee                              |
| ARCC     | American Rivers Conservation Council                  |
| ARD      | Air & Radiation Division (OGC)                        |
| ARD      | Aquatic Resource Division                             |
| ARG      | American Resources Group                              |
| ARIP     | Accidental Release Information Program                |
| ARL      | Air Resources Laboratory                              |
| ARM      | Air Resources Management                              |
| ARO      | Alternative Regulatory Option                         |
| ARPO     | Acid Rain Policy Office                               |
| ARPS     | Atmospheric Research Program Staff (ORD)              |
| ARRP     | Acid Rain Research Program                            |
| ARRPA    | Air Resources Regional Pollution Assessment Model     |
| ART      | Agency Technical Representative (GSA Program)         |
| ARZ      | Auto-Restricted Zone                                  |
| AS       | Area Source   |
| ASA      | American Society of Agronomy                          |
| ASAE     | American Society of Agriculture                       |
| ASAP     | As Soon as Possible                                   |
| ASB      | Ambient Standards Branch                              |
| ASBESTOS | Region 7 Asbestos in Schools                          |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| ASC     | Area Source Category                                  |
| ASCE    | American Society of Civil Engineers                   |
| ASCII   | American Standard Code for Information Interchange    |
| ASCP    | American Society of Consulting Planners               |
| ASCS    | Agricultural Stabilization and Conservation Servic... |
| ASD     | Administrative Services Division (regional)           |
| ASD     | Analysis and Support Division (OA&R)                  |
| ASDWA   | Association of State Drinking Water Administrators    |
| ASHAA   | Asbestos in Schools Hazard Abatement Act of 1984      |
| ASHAAIS | Asbestos in Schools Hazard Abatement Automated Inf... |
| ASIWPCA | Association of State and Interstate Water Pollutio... |
| ASMDHS  | Airshed Model Data Handling System                    |
| ASME    | American Society of Mechanical Engineers              |
| ASN     | American Society of Naturalists                       |
| ASPA    | American Society of Public Administration             |
| ASRL    | Atmospheric Sciences Research Laboratory (ORD)        |
| ASSE    | American Society of Sanitary Engineers                |
| ASTHO   | Association of State and Territorial Health Offici... |
| ASTM    | American Society for Testing and Materials            |
| ASTS    | Asbestos in Schools Tracking System                   |
| ASTSWMO | Association of State & Territorial Solid Wastes Ma... |
| ASUS    | Administrative Support/Utilization                    |
| AT      | Advanced Treatment (water)                            |
| ATA     | American Trucking Association                         |
| ATC     | Area Training Center                                  |
| ATCS    | Audit Tracking and Control System                     |
| ATD     | Air and Toxics Division                               |
| ATERIS  | Air Toxics Exposure and Risk Information System       |
| ATMI    | American Textile Manufacturing Institute              |
| ATP     | Antitampering Program (FOSD,OMS)                      |
| ATRMRD  | Air Toxics and Radiation Monitoring Research Divis... |
| ATRS    | Air, Toxics, and Radiation Staff (ORD)                |
| ATS     | Action Tracking System                                |
| ATS     | Administrator's Tracking System                       |
| ATS     | Assignment Tracking System                            |
| ATSDR   | Agency for Toxic Substances and Disease Registry      |
| ATTF    | Air Toxics Task Force                                 |
| ATTS    | Agency Technology Transfer Staff                      |
| AUSA    | Assistant U.S. Attorney                               |
| AUSM    | Advanced Utility Simulation Model                     |

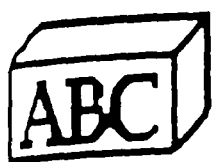




## Acronyms & Abbreviations

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|           |   |
|-----------|---|
| AVD       | Audio-Visual Division (OEA)                           |
| AWI       | Animal Welfare Institute                              |
| AWISE     | Association of Women in Science and Engineering       |
| AWMD      | Air and Waste Management Division (regional)          |
| AWOL      | Absent Without Official Leave                         |
| AWPI      | American Wood Preservers' Institute                   |
| AWRA      | American Water Resources Association                  |
| AWWA      | American Water Works Association                      |
| AWWARF    | American Water Works Association Research Foundati... |
| AWWUC     | American Water Works Utility Council                  |
| AX        | Administrator's Office                                |
| B&F       | Building and Facilities                               |
| BAA       | Board of Assistance Appeals (OGC)                     |
| BAAQMD    | Bay Area Air Quality Management District              |
| BAC       | Biotechnology Advisory Committee                      |
| BACER     | Biological and Climatological Effects Research        |
| BACT      | Best Available Control Technology                     |
| BADT      | Best Available Demonstrated Technology                |
| BAP       | Benefits Analysis Program                             |
| BaP       | Benzo(a)Pyrene  |
| BARCDECAL | BARCODE/DECAL Systems                                 |
| BARCIS    | Barcode Information System                            |
| BARF      | Best Available Retrofit Facility                      |
| BART      | Best Available Retrofit Technology                    |
| BAS       | Branch Accounting System                              |
| BASIS     | Battelle's Automated Search Information System        |
| BAT       | Best Available Technology                             |
| BAT       | Best Available Treatment                              |
| BATEA     | Best Available Technology Economically Achievable     |
| BBI       | OA-Cinci (EMSAC) Foreign Tape                         |
| BBS       | Bulletin Board System (WIC)                           |
| BCC       | Blind Carbon Copy                                     |
| BCCM      | Board for Certified Consulting Meterologists          |
| BCF       | Bioconcentration factor                               |
| BCPT      | Best Conventional Pollutant Technology                |
| BCT       | Best Control Technology                               |
| BCT       | Best Conventional Pollutant Control Technology        |
| BD        | Budget Division (OARM)                                |
| BDAT      | Best Demonstrated Available Technology (RCRA)         |
| BEA       | Bureau of Economic Advisors                           |



## Acronyms & Abbreviations

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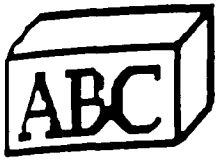
|          |   |
|----------|---|
| BEEP     | Benignus EEG Evoked Potential                         |
| BEJ      | Best Expert Judgment                                  |
| BEP      | Black Employment Program                              |
| BG       | Billion gallons                                       |
| BI       | Background Information                                |
| BI       | Brookings Institution                                 |
| BIA      | Bureau of Indian Affairs                              |
| BID      | Background Information Document                       |
| BID      | Buoyancy Induced Dispersion                           |
| BIOLOGS  | Biological Data Management System (White River)       |
| BIOPLUME | Model to Predict the Maximum Extent of Existing Pl... |
| BIOS     | Natural Biological Information System                 |
| BIOSTU   | Bioassay Studies                                      |
| BLIS     | BACT/LAER Determinations                              |
| BLM      | Bureau of Land Management (DOI)                       |
| BLOB     | Biologically Liberated Organo-Beasties                |
| BLP      | Buoyant Line and Point Source Model                   |
| BLS      | Bureau of Labor Statistics                            |
| BMP      | Best Management Practices                             |
| BMR      | Baseline Monitoring Report (CWA)                      |
| BNA      | Bureau of National Affairs                            |
| BOA      | Basic Ordering Agreement                              |
| BOAC     | Bill Office Address Code                              |
| BOD      | Biochemical Oxygen Demand                             |
| BOD      | Biological Oxygen Demand                              |
| BOF      | Basic Oxygen Furnace                                  |
| BOM      | Bureau of Mines                                       |
| BOP      | Basic Oxygen Process                                  |
| BOPF     | Basic Oxygen Process Furnance                         |
| BOULD    | Boulder Remote Data Collection and Control System     |
| BOY      | Beginning of Year violator (CAA)                      |
| BOYSNC   | Beginning of Year Significant Non-Compliers           |
| BP       | Boiling Point   |
| BPA      | Blanket Purchase Agreement                            |
| BPJ      | Best Professional Judgment (CWA)                      |
| BPT      | Best Practicable Control Technology                   |
| BPT      | Best Practicable Technology                           |
| BPT      | Best Practicable Treatment                            |
| BR       | Business Roundtable                                   |
| BRS      | Bibliographic Retrieval Service                       |



## Acronyms & Abbreviations

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|        |   |
|--------|---|
| BS     | Bilateral Staff (OIA)                                 |
| BSAC   | Biotechnology Science Advisory Committee              |
| BSO    | Benzene Soluble Organics                              |
| BTU    | British Thermal Units                                 |
| BTZ    | Below the Treatment Zone                              |
| BU     | Bargaining Unit                                       |
| BUBBLE | Use of Alternative Emission Limits to Meet SIPS/NS... |
| BUD    | Benefits and Use Division (OPTS)                      |
| BUN    | Blood Urea Nitrogen                                   |
| BY     | Budget Year   |
| C      | Celsius (degrees)                                     |
| C/O    | Carry Over Funds                                      |
| CA     | Citizen Act   |
| CA     | Competition Advocate                                  |
| CA     | Cooperative Agreements                                |
| CAA    | Clean Air Act   |
| CAA    | Compliance Assurance Agreement                        |
| CAAA   | Clean Air Act Amendments                              |
| CAASE  | Computer Assisted Area Source Emissions               |
| CAB    | Civil Aeronautics Board                               |
| CAD    | Characterization and Assessment Division (OSWER)      |
| CAD    | Computer Aided Design                                 |
| CAER   | Chemical Awareness and Emergency Response Program ... |
| CAER   | Community Awareness and Emergency Response Program    |
| CAFE   | Corporate Average Fuel Economy                        |
| CAFO   | Consent Agreement/Final Order                         |
| CAG    | Carcinogen Assessment Group (ORD)                     |
| CAIR   | Comprehensive Assessment Information Rule             |
| CAIRD  | Cohort Analysis of Increased Risks of Deaths Model    |
| CALINE | California Line Source Model                          |
| CAMEO  | Computer Aided Management of Emergency Operations     |
| CAMP   | Continuous Air Monitoring Program                     |
| CAN    | Common Account Number                                 |
| CANAL  | Love Canal & Data Handling System                     |
| CAO    | Corrective Action Order                               |
| CAOO   | Cincinnati Accounting Operations Office (OARM)        |
| CAP    | Corrective Action Plan                                |
| CAP    | Cost Allocation Procedure                             |
| CAP    | Criteria Air Pollutants                               |
| CAPCA  | Carolinas Air Pollution Control Association           |



## Acronyms & Abbreviations

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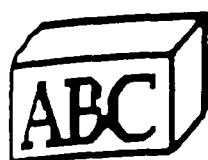
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| CAPCOA  | California Air Pollution Control Officers Associat... |
| CAPDET  | Procedure for Design and Evaluation of TWKS           |
| CAR     | Corrective Action Report                              |
| CARB    | California Air Resources Board                        |
| CARPOOL | Carpool System  |
| CARPS   | Computerized Accidental Release Planning System       |
| CARS    | Carcinogen System                                     |
| CAS     | Center for Automotive Safety                          |
| CAS     | Chemical Abstracts Service                            |
| CASAC   | Clean Air Scientific Advisory Comittee (CAA)          |
| CASEREP | Field Office Inspection Data Base                     |
| CASETRK | FIFRA and TSCA Case Tracking System                   |
| CASLP   | Conference on Alternative State and Local Policies... |
| CASU    | Cooperative Administrative Support Units              |
| CATS    | Corrective Action Tracking System                     |
| CAU     | Carbon Absorption Unit                                |
| CAU     | Command Arithmetic Unit                               |
| CB      | Continuous Bubbler                                    |
| CBA     | Central Business Area                                 |
| CBA     | Chesapeake Bay Agreement                              |
| CBA     | Cost Benefit Analysis                                 |
| CBB     | Chesapeake Bay Basin                                  |
| CBD     | Central Business District                             |
| CBD     | Commerce Business Daily                               |
| CBI     | Compliance Biomonitoring Inspection (CWA)             |
| CBI     | Confidential Business Information                     |
| CBO     | Congressional Budget Office                           |
| CBOD    | Carbonaceous Biochemical Oxygen Demand                |
| CBP     | Chesapeake Bay Program                                |
| CBP     | County Business Patterns                              |
| CBT     | Computer Based Training                               |
| CC      | Carbon Copy   |
| CC      | Common Cause  |
| CC/RTS  | Chemical Collection/Request Tracking System           |
| CCA     | Competition in Contracting Act                        |
| CCAA    | Canadian Clean Air Act                                |
| CCAP    | Center for Clean Air Policy                           |
| CCD     | Chemical Control Division (OPTS)                      |
| CCDH    | Clark County Department of Health                     |
| CCEA    | Conventional Combustion Environmental Assessment      |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| CCH     | Commerce Clearing House                               |
| CCHW    | Citizens Clearinghouse for Hazardous Wastes           |
| CCID    | Confidential Chemicals Identification System          |
| CCMS    | Committee on the Challenges of a Modern Society (N... |
| CCP     | Composite Correction Plan (CWA)                       |
| CCS     | Chemical Coordination Staff (OPTS)                    |
| CCS/RTS | Chemical Collection System                            |
| CCTP    | Clean Coal Technology Program                         |
| CCU     | Correspondence Control Unit (OECM)                    |
| CD      | Certification Division (OA&R, Ann Arbor, MI)          |
| CD      | Climatological Data                                   |
| CD      | Compliance Division (OPTS)                            |
| CDB     | Waste Management Data Base System                     |
| CDBA    | Central Data Base Administrator                       |
| CDC     | Centers for Disease Control (HHS)                     |
| CDD     | Chlorinated dibenzo-p-dioxin                          |
| CDETS   | Consent Decree Tracking System                        |
| CDF     | Chlorinated dibenzofuran                              |
| CDHS    | Comprehensive Data Handling System                    |
| CDI     | Chronic Daily Intake                                  |
| CDM     | Climatological Dispersion Model                       |
| CDM     | Comprehensive Data Management                         |
| CDMQC   | Climatological Dispersion Model with Calibration a... |
| CDMS    | Cost Development Management System                    |
| CDNS    | Climatological Data National Summary                  |
| CDOTS   | Contract Delivery Order Tracking System               |
| CDP     | Census Designated Places                              |
| CDS     | Compliance Data System (CAA)                          |
| CE      | Categorical Exclusion                                 |
| CE      | Cost Effectiveness                                    |
| CEA     | Cooperative Enforcement Agreement                     |
| CEA     | Cost and Economic Assessment                          |
| CEA     | Council of Economic Advisors                          |
| CEAM    | Center for Exposure Assessment Modeling               |
| CEARC   | Canadian Environmental Assessment Research Council... |
| CEAS    | Coastal Environmental Assessment Studies              |
| CEAT    | Contractor Evidence Audit Team                        |
| CEB     | Chemical Element Balance                              |
| CEB     | Commission of European Communities                    |
| CECATS  | CSB Existing Chemicals Assessment Tracking System ... |



## Acronyms & Abbreviations

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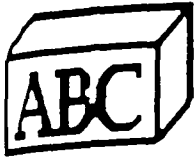
|          |   |
|----------|---|
| CED      | CERCLA Enforcement Division (OSWER)                   |
| CED      | Criminal Enforcement Division (OECM)                  |
| CEE      | Center for Environmental Education, Inc.              |
| CEEM     | Center for Energy and Environmental Management ...    |
| CEI      | Compliance Evaluation Inspection (CWA)                |
| CELRF    | Canadian Environmental Law Research Foundation        |
| CEM      | Continuous Emission Monitoring (CAA)                  |
| CEM      | Cooperative Environmental Management                  |
| CEMS     | Continuous Emission Monitoring System                 |
| CEMS     | Continuous Emissions Monitoring Subset                |
| CEO      | Chief Executive Officer                               |
| CEP      | Council on Economic Priorities                        |
| CEPP     | Chemical Emergency Preparedness Program               |
| CEQ      | Council on Environmental Quality                      |
| CEQA     | California Environmental Quality Act                  |
| CERCLA   | Comprehensive Environ. Response, Compensation and ... |
| CERCLIS  | Comp. Environ. Response, Compensation and Liabilit... |
| CERI     | Center for Environmental Research Information         |
| CERT     | Certificate of Eligibles                              |
| CERTAPPL | Applications for Certification                        |
| CEU      | Continuing Education Units                            |
| CF       | Conservation Foundation                               |
| CFA      | Consumer Federation of America                        |
| CFC      | Chlorofluorocarbons                                   |
| CFC      | Combined Federal Campaign                             |
| CFM      | Chlorofluoromethanes                                  |
| CFM      | Cubic Feet per Minute                                 |
| CFMC     | Cincinnati Financial Management Center (FMD)          |
| CFR      | Code of Federal Regulations                           |
| CFS      | Command File System                                   |
| CFS      | Cubic feet per second                                 |
| CFSG     | Citizen Forum on Self Government (NML)                |
| CGGICS   | Construction Grants GICS                              |
| CGPRM    | Construction Grants Resource Model                    |
| CHABA    | Committee on Hearing and Bio Acoustics                |
| CHAMP    | Community Health Air Monitoring Program               |
| CHEMD    | OTS Chemical Directory                                |
| CHEMNET  | A mutual aid network of chemical shippers and cont... |
| CHEMTREC | Chemical Transportation Emergency Center              |
| CHESS    | Community Health and Environmental Surveillance sy... |



## Acronyms & Abbreviations

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|            |  |
|------------|--|
| CHIP       | Chemical Hazard Information Profile (TSCA)               |
| CHIPS      | Chemical Hazard Information Profile System (OPTS)        |
| CHLOREP    | A mutual aid group comprised of shippers and carri...    |
| CHRIS/HACS | Chemical Hazards Response Information System/Haz. ... .. |
| CI         | Compression Ignition                                     |
| CI         | Confidence Interval                                      |
| CIAQ       | Council on Indoor Air Quality (Interagency)              |
| CIBL       | Convective Internal Boundary Layer                       |
| CIBO       | Council of Industrial Boiler Owners                      |
| CICA       | Competition in Contracting Act                           |
| CICIS      | Chemicals in Commerce Information System                 |
| CICS       | Customer Information Control System                      |
| CIDB       | Ann Arbor Certification Information and Fuel Econo...    |
| CIDRS      | Cascade Impactor Data Reduction System                   |
| CII        | Criminal Investigation Index                             |
| CIMI       | Committee on Integrity and Management Improvement        |
| CIS        | Chemical Information System                              |
| CIS        | Contract Information System                              |
| CISR       | Chemical Inventory System                                |
| CIVP       | Region 4, Civil Penalties System                         |
| CJE        | Critical Job Element                                     |
| CJO        | Chief Judicial Officer (OA)                              |
| CLC        | Capacity Limiting Constituents                           |
| CLCL       | HERL-RTP Cleans Clever Clinical Studies                  |
| CLEANS     | Clinical Laboratory for Evaluation and Assessment ...    |
| CLEVER     | Clinical Laboratory for Evaluation and Validation ...    |
| CLF        | Conservation Law Foundation                              |
| CLIPS      | Chemical List and Information Pointer System (OIRM...    |
| CLIPS      | Chemical List Indexing and Processing System             |
| CLP        | Contract Laboratory Program                              |
| CLPQA      | Contract Laboratory Program Quality Assurance            |
| CLPS       | Contract Lab System                                      |
| CLS        | Community Liaison Staff                                  |
| CLSP       | Center for Law & Social Policy                           |
| CM         | Corrective Measure                                       |
| CM         | Crystal Mall   |
| CMA        | Chemical Manufacturers Association                       |
| CMAS       | Cross-Media Analysis Staff                               |
| CMB        | Chemical Mass Balance                                    |
| CMD        | Contracts Management Division (OARM)                     |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| CME     | Comprehensive (ground water) Monitoring Evaluation    |
| CMEL    | Comprehensive (ground water) Monitoring Evaluation... |
| CMEP    | Critical Mass Energy Project                          |
| CMO     | Contract Management Office                            |
| CMS     | Case Management System                                |
| CNC     | Condensation Nucleus Counter                          |
| CNG     | Coalition of Northeastern Governors                   |
| CNG     | Compressed Natural Gas                                |
| CNR     | Composite Noise Rating                                |
| CNS     | Grant Administration Division Congressional (92-50... |
| CO      | Carbon Monoxide                                       |
| CO      | Change Order  |
| CO      | Commissioned Officer                                  |
| CO      | Contracting Officer                                   |
| CO      | Custodial Officer                                     |
| CO2     | Carbon Dioxide  |
| COA     | Commissioned Officers Association                     |
| COA     | Construction Quality Assurance                        |
| COB     | Close of Business                                     |
| COBOL   | Common Business Oriented Language                     |
| COCO    | Contractor-Owned/Contractor-Operated                  |
| COD     | Chemical Oxygen Demand                                |
| CODES   | Commitments & Obligations Data Entry System           |
| COE     | Corps of Engineers (DOD)                              |
| COG     | Compliance Order Guidance                             |
| COH     | Coefficient of Haze                                   |
| COLA    | Cost of Living Adjustment                             |
| COM     | Continuous Opacity Monitor                            |
| COMPLEX | Complex Terrain Screening Model                       |
| COMPTER | Multiple Source Air Quality Model                     |
| CON     | Selected Contractor or Awardee                        |
| CONG    | Congressional Committee                               |
| CONUS   | Continental United States                             |
| CORPS   | Army Corps of Engineers                               |
| CORR    | Chemicals on Reporting Rules                          |
| COS     | Conservative Opportunity Society                      |
| COS     | Cost Accounting System                                |
| COWPS   | Council on Wage and Price Stability                   |
| CPA     | Certified Public Accountant                           |
| CPA     | Contract Property Administrator                       |

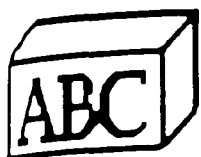




## Acronyms & Abbreviations

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|          |   |
|----------|---|
| CPAF     | Cost Plus Award Fee                                   |
| CPDD     | Control Programs Development Division (OAR)           |
| CPE      | Carcinogenic Potency Factor                           |
| CPF      | Cancer Potency Factor                                 |
| CPFF     | Cost Plus Fixed Fee                                   |
| CPG 1-3  | Federal Assistance Handbook: Emergency Management...  |
| CPG 1-8  | Guide for Development of State and Local Emergency... |
| CPG-1-8A | FEMA Planning Guide for State and Local Emergency ... |
| CPI      | Consumer Price Index                                  |
| CPIF     | Cost Plus Incentive Fee                               |
| CPL      | Chemistry and Physics Laboratory                      |
| CPM      | Continuous Particle Monitor                           |
| CPO      | Certified Project Officer                             |
| CPP      | Compliance Policy and Planning (OECM)                 |
| CPR      | Center for Public Resources                           |
| CPR      | Coalition for Pesticide Reform                        |
| CPS      | Compliance Program and Schedule                       |
| CPS      | Contract Payment System                               |
| CPSC     | Consumer Products Safety Commission                   |
| CPSDAA   | Compliance and Program Staff to the Deputy Assista... |
| CPU      | Central Processing Unit                               |
| CR       | Community Relations                                   |
| CRA      | Civil Rights Act                                      |
| CRA      | Classification Review Area                            |
| CRAVE    | Carcinogen Risk Assessment Verification Exercise ...  |
| CRC      | Community Relations Coordinator                       |
| CRD      | Community Relations Division                          |
| CRF      | Combustion Research Facility                          |
| CRGS     | Chemical Regulations and Guidelines System            |
| CRIB     | Criteria Reference Information Bank                   |
| CRIMDOCK | Criminal Docket System                                |
| CRISP    | Comprehensive Risk Information Structure Project      |
| CRL      | Central Regional Laboratory                           |
| CROP     | Consolidated Rules of Practice                        |
| CRP      | Community Relations Plan                              |
| CRQL     | Contract Required Quantitation Limit                  |
| CRR      | Center for Renewable Resources                        |
| CRS      | Community Relations Staff (OEA)                       |
| CRS      | Congressional Research Service                        |
| CRSTER   | Single Source Model                                   |



## Acronyms & Abbreviations

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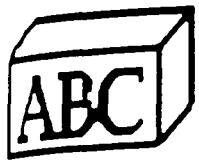
|          |   |
|----------|---|
| CRSTER 2 | Multi-source CRSTER                                   |
| CRT      | Cathode Ray Tube                                      |
| CS       | Compliance Staff (GAD)                                |
| CS       | Contract Specialist                                   |
| CSB      | Chemical Species Balance                              |
| CSD      | Criteria and Standards Division (OW)                  |
| CSEU     | OA-CINCI ADP Timeshare Reporting System               |
| CSG      | Council of State Governments                          |
| CSHEM    | Conference of State Health and Environmental Manag... |
| CSI      | Chemical Substances Inventory                         |
| CSI      | Clean Sites, Inc.                                     |
| CSI      | Compliance Sampling Inspection (CWA)                  |
| CSIN     | Chemical Substances Information Network (TSCA)        |
| CSMA     | Chemical Specialties Manufacturers Association        |
| CSO      | Combined Sewer Overflow                               |
| CSPA     | Council of State Planning Agencies                    |
| CSPD     | Chemicals and Statistical Policy Division (OPPE)      |
| CSPI     | Center for Science in the Public Interest             |
| CSRA     | Civil Service Reform Act                              |
| CSRL     | Center for the Study of Responsive Law                |
| CSRS     | Civil Service Retirement System                       |
| CSS      | Clerical Support Staff                                |
| CSSD     | Computer Services and Systems Division (OARM)         |
| CSSE     | Conference of State Sanitary Engineers .              |
| CTARC    | Chemical Testing and Assessment Research Commissio... |
| CTD      | Control Technology Document                           |
| CTG      | Control Technology Guidelines                         |
| CTGD     | Control Techniques Guideline Document                 |
| CTM      | Complex Terrain Data Base                             |
| CTO      | Control Technology Office                             |
| CTS      | Correspondence Tracking System                        |
| CULP     | Estimating Water Treatment Costs                      |
| CURE     | Chemical Unit Record Estimates Database (ECAO CM)     |
| CUS      | Chemical Update System                                |
| CVFM     | ERL-CORV Financial Management                         |
| CVLB     | ERL-CORV Library Circulation System                   |
| CVPM     | ERL-CORV Personnel Management                         |
| CVS      | Cardiovascular System                                 |
| CW       | Congress Watch  |
| CWA      | Clean Water Act (aka FWPCA)                           |



## Acronyms & Abbreviations

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|          |   |
|----------|---|
| CWAP     | Clean Water Act Project                               |
| CWS      | Compressed Work Schedule                              |
| CWTC     | Chemical Waste Transportation Council                 |
| CY       | Calendar Year   |
| CY       | Current Year  |
| CZM      | Coastal Zone Management                               |
| CZMA     | Coastal Zone Management Act                           |
| D&F      | Determination and Findings                            |
| DA       | Deputy Administrator (AO)                             |
| DA       | Designated Agent                                      |
| DAA      | Deputy Assistant Administrator                        |
| DAIG     | Deputy Assistant Inspector General                    |
| DAMDF    | Durham Air Monitoring Demonstration Facility          |
| DAPD     | AEERL Dual Alkali FGD Process Demonstration           |
| DAPSS    | Document and Personnel Security System                |
| DAR      | Direct Assistance Request                             |
| DARTAB   | Dose and Risk Assessment Tabulation                   |
| DAS      | Data Analysis System [Geographical Information Sys... |
| DASD     | Direct Access Storage Drive                           |
| DB       | Decibel   |
| DB       | Dry Bulb  |
| DBA      | Data Base Administrator                               |
| DBCP     | Dibromochloropropane                                  |
| DBM      | Data Base Manager                                     |
| DBMS     | Data Base Management System                           |
| DC       | Direct Current  |
| DCA      | Document Control Assistant                            |
| DCA      | Washington International Airport                      |
| DCIS     | Data Call-In Staff (OPTS)                             |
| DCL1     | Region 1 Library Document Control System              |
| DCMA     | Dry Color Manufacturers Association                   |
| DCN      | Document Control Number                               |
| DCO      | Delayed Compliance Order (CAA)                        |
| DCO      | Document Control Officer                              |
| DCP      | Discrimination Complaints Program                     |
| DCPU     | Data Center Policy and Usage                          |
| DCR      | Document Control Register                             |
| DCR REG5 | Document Control                                      |
| DCS      | Developing Countries Staff (OIA)                      |
| DCS      | Region 10 Library Document Control                    |



## Acronyms & Abbreviations

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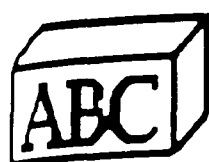
|           |   |
|-----------|---|
| DD        | Deputy Director                                       |
| DDT       | D(ichloro)D(ipheyl)T(richloroethane)                  |
| DE        | Department of Education                               |
| DE        | Destruction Efficiency                                |
| DEA       | Drug Enforcement Administration                       |
| DEC       | Department of Environmental Conservation              |
| DEEP      | Dyer EEG Evoked Potential                             |
| DEFENSIVE | General Counsel Defense Docket System                 |
| DEM       | ERL-Athens Dynamic Estuary Model                      |
| DEMA      | Diesel Engine Manufacturers Association               |
| DEP       | Displaced Employee Program                            |
| DEPS      | Data Entry and Payment System                         |
| DES       | Diethylstilbesterol                                   |
| DHHS      | Department of Health and Human Services               |
| DI        | Diagnostic Inspection (CWA)                           |
| DIDS      | Domestic Information Display System                   |
| DIG       | Deputy Inspector General                              |
| DIPS      | Department of Interior Payroll System                 |
| DIS       | Defense Investigative Service                         |
| DISCO     | Defense Investigative Service Cognizant Office        |
| DIVPRTR   | EMSL-LV Expenditure System                            |
| DL        | Detection Limit                                       |
| DMARS     | Deposit Message Retrieval System (part of Treasury... |
| DMIS      | Duns Marketing Identification System                  |
| DMR       | Discharge Monitoring Report (CWA)                     |
| DMR       | NPDES Discharge Monitoring Report                     |
| DMR-QA    | Discharge Monitoring Report-Quality Assurance Stud... |
| DMRLS     | Data Managment and Research Liaison Staff (OW) ...    |
| DNA       | Deoxyribonucleic acid                                 |
| DNR       | Department of Natural Resources                       |
| DO        | Dissolved Oxygen                                      |
| DO        | Duty Officer  |
| DOB       | Date of Birth   |
| DOC       | U.S. Department of Commerce                           |
| DOC       | Region 4 Library Tracking System                      |
| DOCKET    | Enforcement Docket System                             |
| DOD       | U.S. Department of Defense                            |
| DOE       | U.S. Department of Ecology                            |
| DOE       | U.S. Department of Energy                             |
| DOI       | U.S. Department of the Interior                       |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| DOIG    | Divisional Offices of the Inspector General |
| DOJ     | U.S. Department of Justice                  |
| DOL     | U.S. Department of Labor                    |
| DOPO    | Delivery Order Project Officer              |
| DOS     | U.S. Department of State                    |
| DOS     | Disk Operating System                       |
| DOT     | U.S. Department of Transportation           |
| DOW     | Defenders of Wildlife                       |
| DPA     | Deepwater Ports Act                         |
| DPC     | Domestic Policy Council                     |
| DQO     | Data Quality Objective                      |
| DRA     | Deputy Regional Administrator               |
| DRC     | Deputy Regional Counsel                     |
| DRE     | Destruction/Removal Efficiency (TSCA/RCRA)  |
| DRMO    | Defense Reutilization and Marketing Office  |
| DRMS    | Defense Reutilization and Marketing Service |
| DS      | Dichotomous Sampler                         |
| DSAP    | Data Self Auditing Program                  |
| DSCF    | Dry standard cubic feet                     |
| DSCM    | Dry standard cubic meter                    |
| DSS     | Data Systems Staff (OAR)                    |
| DSS     | Decision Support System                     |
| DSS     | Domestic Sewage Study                       |
| DT      | Declaration of Taking                       |
| DT      | Detention Time                              |
| DU      | Decision Unit                               |
| DU      | Ducks Unlimited                             |
| DUC     | Decision Unit Coordinator                   |
| DWS     | Drinking Water Standards                    |
| DYNHYD4 | Hydrodynamic Model                          |
| DYNTOX  | Dynamic Toxics Model                        |
| E       | Exposure Level                              |
| E-MAIL  | EPA's Electronic Mail System                |
| EA      | Enforcement Agreement                       |
| EA      | Environmental Action                        |
| EA      | Environmental Assessment (NEPA)             |
| EA      | Environmental Auditing                      |
| EAD     | Economic Analysis Division (OPPE)           |
| EAD     | Energy and Air Division (ORD)               |
| EADS    | Environmental Assessment Data System        |



# Acronyms & Abbreviations

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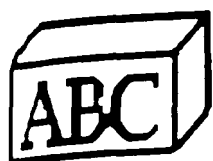
|        |   |
|--------|---|
| EAF    | Electric Arc Furnace                                  |
| EAG    | Exposure Assessment Group (ORD)                       |
| EAP    | Environmental Action Plan                             |
| EAR    | Environmental Auditing Roundtable                     |
| EAS    | Economic Analysis Staff                               |
| EB     | Emissions Balancing                                   |
| EBCDIC | Extended Binary Coded Decimal Interchange Code        |
| EC     | Education Center                                      |
| EC     | Effective Concentration                               |
| EC     | Environment Canada                                    |
| EC     | European Community (Common Market)                    |
| ECA    | Economic Community for Africa                         |
| ECAD   | Existing Chemical Assessment Division (OPTS)          |
| ECAO   | Environmental Criteria and Assessment Office (ORD)    |
| ECAP   | Employee Counseling and Assistance Program            |
| ECC    | Executive and Congressional Communications (OA) ...   |
| ECD    | Electron Capture Detector                             |
| ECDB   | Emissions Certification Data Base                     |
| ECE    | Economic Commission for Europe                        |
| ECHD   | Ann Arbor ECTD HD System                              |
| ECHH   | Electro-Catalytic Hyper-Heaters                       |
| ECHO   | Each Community Helps Others                           |
| ECL    | Environmental Chemistry Laboratory                    |
| ECL    | Executive Control Language                            |
| ECLA   | Economic Commission for Latin America                 |
| ECP    | External Compliance Programs (OCR, AO)                |
| ECRA   | Economic Cleanup Responsibility Act                   |
| ECTD   | Emission Control Technology Division (OA&R, Ann Ar... |
| ECTS   | Executive Correspondence Tracking System              |
| ECU    | Environmental Crimes Unit (DOJ)                       |
| ED10   | Ten Percent Effective Dose                            |
| ED     | Department of Education                               |
| ED     | Editorial Division (OEA)                              |
| ED     | Effective Dose  |
| ED     | Enforcement Division (OW)                             |
| EDA    | Economic Development Administration                   |
| EDA    | Emergency Declaration Area                            |
| EDASS  | EMSL-CINCI Equivalency Statistical System             |
| EDB    | Ethylene Dibromide                                    |
| EDC    | Ethylene Dichloride                                   |



## Acronyms & Abbreviations

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|       |   |
|-------|---|
| EDD   | Enforcement Decision Document                         |
| EDF   | Enviromental Defense Fund, Inc.                       |
| EDP   | Electronic Data Processing                            |
| EDRS  | Enforcement Document Retrieval System                 |
| EDS   | Electronic Data Systems                               |
| EDS   | Energy Data System                                    |
| EDT   | Edit Data Transmission                                |
| EDTA  | Ethylene Diamine Triacetic Acid                       |
| EDTS  | Ann Arbor Evaluation and Development Test System      |
| EDZ   | Emission Density Zoning                               |
| EEA   | Energy and Environmental Analysis                     |
| EEC   | European Economic Community                           |
| EED   | Exposure Evaluation Division (OPTS)                   |
| EEG   | Electroencephalogram                                  |
| EEI   | Edison Electric Institute                             |
| EEMS  | Emissions Elements Needs Survey (RCRA)                |
| EENET | Emergency Education Network (IFEMA)                   |
| EEO   | Equal Employment Opportunity                          |
| EEOC  | Equal Employment Opportunity Commission               |
| EER   | Excess Emission Report                                |
| EERF  | Eastern Environmental Radiation Facilities (EERF) ... |
| EERF  | Eastern Environmental Radiation Facility (OA&R, Mo... |
| EERL  | Eastern Environmental Radiation Laboratory (OA&R)     |
| EERU  | Environmental Emergency Response Unit                 |
| EESI  | Environment and Energy Study Institute                |
| EESL  | Environmental Ecological and Support Laboratory ...   |
| EETFC | Environmental Effects, Transport and Fate Committe... |
| EF    | Emission Factor                                       |
| EFE   | Early Fuel Evaporative System                         |
| EFI   | Electronic Fuel Injection Systems                     |
| EFO   | Equivalent Field Office                               |
| EFTC  | European Fluorocarbon Technical Committee             |
| EGD   | Effluent Guidelines Division (OW)                     |
| EGR   | Exhaust Gas Recirculation Systems                     |
| EH    | Redox Potential                                       |
| EHC   | Environmental Health Committee (SAB)                  |
| EHIS  | Emission History Information System                   |
| EHR   | Environmental Health Research Staff (ORD)             |
| EHS   | Extremely Hazardous Substance                         |
| EI    | Emission Inventory                                    |



# Acronyms & Abbreviations

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|           |  |
|-----------|--|
| EIA       | Economic Impact Assessment                             |
| EIA       | Environmental Impact Assessment                        |
| EIC       | Environmental Industry Council                         |
| EIL       | Environmental Impairment Liability                     |
| EIN       | Employer Identification Number                         |
| EINDES    | Employer ID No. Data Entry System on the PDP 11/70...  |
| EIR       | Endangerment Information Report                        |
| EIR       | Environmental Impact Rep                               |
| EIS       | Emissions Inventory System                             |
| EIS       | Environmental Impact Statement (Environmental Revi...  |
| EIS       | Environmental Impact Statement (NEPA)                  |
| EIS       | Environmental Inventory System                         |
| EIS/AS    | Emissions Inventory System/ Area Source                |
| EIS/PS    | Emissions Inventory System/Point Source                |
| EIS/PS&AS | Emission Inventory Subsystem/Point Source and Area...  |
| EIS7      | Region 7 EIS 404 Program                               |
| EKMA      | Empirical Kinetic Modeling Approach                    |
| EL        | Exposure Level   |
| ELI       | Environmental Law Institute                            |
| ELR       | Environmental Law Reporter                             |
| EM        | Electron Microscope                                    |
| EMA       | Emergency Management Agency                            |
| EMAS      | Enforcement Management and Accountability System (...) |
| EMI       | Emergency Management Institute                         |
| EML       | Emission Measurement Laboratory                        |
| EMR       | Environmental Management Report                        |
| EMS       | Enforcement Management Subsystem                       |
| EMS       | Enforcement Management System                          |
| EMS       | Environmental Mutagen Society                          |
| EMSD      | Environmental Monitoring Systems Division (ORD) ...    |
| EMSL      | Environmental Monitoring Support Laboratory (ORD) ...  |
| EMSL      | Environmental Monitoring Systems Laboratory            |
| EMTS      | Environmental Methods Testing Site                     |
| EMTS      | Exposure Monitoring Test Site                          |
| ENF5      | Reg 5 Enforcement Tracking System                      |
| ENFOMAIN  | Enforcement Mail Computer                              |
| ENG-AUDIT | GICS Engineer Audit Tracking System                    |
| EO        | Ethylene Oxide   |
| EO        | Executive Officer                                      |
| EO        | Executive Order  |

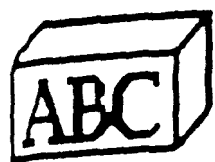




## Acronyms & Abbreviations

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|         |   |
|---------|---|
| EOB     | Executive Office Building                             |
| EOC     | Emergency Operating Center                            |
| EOD     | Engineering Operations Division (OA&R, Ann Arbor, ... |
| EOD     | Entrance on Duty                                      |
| EOE     | Equal Opportunity Employer                            |
| EOF     | Emergency Operations Facility (RTP)                   |
| EOJ     | End of Job  |
| EOP     | Emergency Operations Plan                             |
| EOT     | Emergency Operations Team                             |
| EOY     | End of Year   |
| EP      | Earth Protectors                                      |
| EP      | Emergency Preparedness                                |
| EP      | Environmental Profiles                                |
| EP      | Extraction Procedure                                  |
| EPA     | Environmental Protection Agency                       |
| EPAA    | Environmental Programs Assistance Act of 1984         |
| EPAAR   | EPA Acquisition Regulations                           |
| EPAC    | Emergency Preparedness Advisory Committee             |
| EPACASR | EPA Chemical Activities Status Report                 |
| EPACIR  | Circulation System                                    |
| EPADOC  | Document Control System                               |
| EPALIT  | ERL-Gulf Breeze Text Data Management                  |
| EPANTS  | NTIS/EPA Report System                                |
| EPATR   | Translation System                                    |
| EPAYS   | EPA Payroll System                                    |
| EPC     | Economic Policy Council                               |
| EPC     | Emergency Preparedness Coordinator                    |
| EPCA    | Energy Policy and Conservation Act of 1975            |
| EPD     | Emergency Planning District                           |
| EPI     | Environmental Policy Institute                        |
| EPIC    | Environmenal Photographic Interpretation Center       |
| EPID    | Epidemiological Studies                               |
| EPNL    | Effective Perceived Noise Level                       |
| EPO     | Estuarine Programs Office (NOAA)                      |
| EPRI    | Electric Power Research Institute                     |
| EPTC    | Extraction Procedure Toxicity Characteristic          |
| ER      | Electrical Resistivity                                |
| ERA     | Economic Regulatory Agency                            |
| ERA     | Equal Rights Amendment                                |
| ERAD    | Economic and Regulatory Analysis Division (OPPE) ...  |



## Acronyms & Abbreviations

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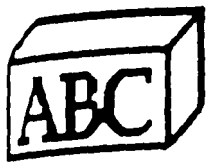
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|---------|---|
| ERAMS   | Environmental Radiation Ambient Monitoring System ... |
| ERC     | Emergency Response Commission                         |
| ERC     | Emission Reduction Credit                             |
| ERC     | Environmental Research Center                         |
| ERCS    | Emergency Response Cleanup Services                   |
| ERD     | Emergency Response Division (OSWER)                   |
| ERD&DAA | Environ. Research, Development and Demonstration A... |
| ERDA    | Energy Research and Development Administration        |
| ERDB    | Environmental Radiofrequency Data Base                |
| ERFD    | Airborne Particulate and Precipitation Data           |
| ERIS    | Enforcement Case Support Expert Resources Inventor... |
| ERL     | Environmental Research Laboratory (ORD)               |
| ERNS    | Emergency Response Notification System                |
| ERP     | Enforcement Response Policy                           |
| ERRD    | Emergency and Remedial Response Division              |
| ERS     | Economic Research Service                             |
| ERSS    | Establishment Registration Support System             |
| ERT     | Environmental Response Team                           |
| ERTAQ   | ERT Air Quality Model                                 |
| ES      | Enforcement Strategy                                  |
| ES      | Engineering Staff (OA)                                |
| ES      | Expert System   |
| ES&H    | Environmental Safety and Health                       |
| ES001   | Estuarine Water Quality Model                         |
| ESA     | Ecological Society of America                         |
| ESA     | Endangered Species Act                                |
| ESA     | Environmentally Sensitive Area                        |
| ESC     | Endangered Species Committee                          |
| ESCA    | Electron Spectroscopy for Chemical Analysis           |
| ESCAP   | Economic and Social Commission for Asia and the Pa... |
| ESCP    | Employee Counseling Services Program                  |
| ESD     | Emission Standards Division (OAR)                     |
| ESD     | Environmental Services Division (regional)            |
| ESE     | Environmental Science and Engineering                 |
| ESECA   | Energy Supply and Environmental Coordination Act o... |
| ESH     | Enforcement Safety and Health                         |
| ESO     | Enforcement Specialist Office (NEIC)                  |
| ESP     | Electrostatic Precipitator                            |
| ESRL    | Environmental Sciences Research Laboratory            |
| ET      | Emissions Trading                                     |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| ETA     | Energy Tax Act  |
| ETD     | Economics and Technology Division (OPTS)              |
| ETHOX   | Summary of Ecotox Data on Ethoxylated Surfactants     |
| ETP     | Emissions Trading Policy                              |
| ETS     | Environmental Tobacco Smoke                           |
| ETS     | Extramural Tracking System                            |
| ETS     | Region 4 Ref and Administrative Orders Tracking       |
| EUP     | Environmental Use Permit                              |
| EUTRO4  | Eutrophication Model                                  |
| EWCC    | Environmental Workforce Coordinating Committee        |
| EX      | Executive Level Appointments                          |
| EXAMS   | Exposure Analysis Modeling System                     |
| EXAMSII | Exposure Analysis Modeling System                     |
| ExEx    | Expected Exceedance                                   |
| EXL     | Executive Control Language                            |
| EZP2    | Region 2, EZPLOT-User Operated Business Graphics P... |
| EZPLOT  | EZPLOT  |
| F       | Fahrenheit (Degrees)                                  |
| f/cc    | Fibers per cubic centimeters (of air)                 |
| F/M     | Food to Microorganism Ratio                           |
| FAA     | Federal Aviation Administration                       |
| FAC     | Facility Advisory Committee                           |
| FACA    | Federal Advisory Committee Act                        |
| FACM    | Friable Asbestos-Containing Material                  |
| FACT    | ERL-Gulf Breeze Financial Data Management             |
| FALD    | Fahrenheit Agency Liaison Division (OEA)              |
| FAM     | Friable Asbestos Material                             |
| FAME    | Framework for Achieving Managerial Excellence (AX)... |
| FAN     | Fixed Account Number                                  |
| FAO     | Food and Agriculture Organization                     |
| FAR     | Federal Acquisition Regulations                       |
| FAS     | Frontera Audobon Society                              |
| FASB    | Financial Accounting Standards Board                  |
| FAST    | Fugitive Assessment Sampling Train                    |
| FATES   | FIFRA and TSCA Enforcement System                     |
| FBANK3  | EMSL-RTP National Filter Analysis Network             |
| FBC     | Fluidized Bed Combustion                              |
| FBI     | Federal Bureau of Investigation                       |
| FCC     | Federal Communications Commission                     |
| FCC     | Fluid Catalytic Converter                             |



## Acronyms & Abbreviations

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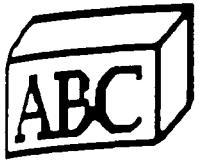
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| FCCU       | Fluid Catalytic Cracking Unit                          |
| FCO        | Federal Coordinating Officer (in disaster areas)       |
| FCO        | Forms Control Officer                                  |
| FCQAS      | Financial Compliance and Quality Assurance Staff (...) |
| FDA        | Food and Drug Administration                           |
| FDF        | Fundamentally Different Factors                        |
| FDIC       | Federal Deposit Insurance Corporation                  |
| FDL        | Final Determination Letter                             |
| FDO        | Fee Determination Official                             |
| FE         | Fugitive Emissions                                     |
| FEA        | Federal Energy Administration                          |
| FEB        | Federal Executive Board                                |
| FEC        | Federal Executive Council                              |
| FEDS       | Federal Energy Data System                             |
| FEGLI      | Federal Employee Group Life Insurance                  |
| FEHB       | Federal Employees Health Benefits                      |
| FEI        | Federal Executive Institute                            |
| FEIS       | Fugitive Emissions Information System                  |
| FEL        | Frank Effect Level                                     |
| FEMA       | Federal Emergency Management Agency                    |
| FEMA-10    | Federal Emergency Mgmt Agency's Planning Guide & C...  |
| FEMA-REP-1 | Response Plans and Preparedness in Support of Nucl...  |
| FEMA-REP 5 | Guidance for Developing State and Local Radiologic...  |
| FEME-RFP-2 | Guidance for Developing State and Local Radiologic...  |
| FEMIS      | Federal Emergency Management Information System        |
| FEPCA      | Federal Environmental Pesticides Control Act           |
| FERC       | Federal Energy Regulatory Commission (DOE)             |
| FERS       | Federal Employees Retirement System                    |
| FERSA      | Federal Employees Retirement System Act                |
| FES        | Factor Evaluation System                               |
| FET        | Foundation on Economic Trends                          |
| FEV        | Forced Expiratory Volume                               |
| FEV1       | Forced Expiratory Volume - one second                  |
| FEVI       | Front End Volatility Index                             |
| FEW        | Federally Employed Women                               |
| FF         | Federal Facilities                                     |
| FFAR       | Fuel and Fuel Additive Registration                    |
| FFARS      | Fuel and Fuel Additives Registration System            |
| FFCS       | Federal Facilities Compliance Staff (OEA)              |
| FFDCA      | Federal Food, Drug and Cosmetic Act                    |



## Acronyms & Abbreviations

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|          |   |
|----------|---|
| FFF      | Firm Financial Facility                               |
| FFFSG    | Fossil Fuel Fired Steam Generator                     |
| FFI      | Full Field Investigation                              |
| FFIS     | Federal Facilities Information System                 |
| FFMC     | Federal Financial Managers' Council                   |
| FFP      | Firm Fixed Price                                      |
| FFTF     | Future Framework Task Force                           |
| FGD      | Fuel Gas Desulfurization                              |
| FGDIS    | Flue Gas Desulfurization Information System           |
| FHA      | Farmers Home Administration                           |
| FHA      | Federal Housing Administration                        |
| FHLBB    | Federal Home Loan Bank Board                          |
| FHwA     | Federal Highway Administration                        |
| FIA      | Federal Insurance Administration                      |
| FIATS    | Freedom of Information Action Tracking System         |
| FIC      | Federal Information Center                            |
| FICA     | Federal Insurance Contributions Act                   |
| FID      | Flame Ionization Detector                             |
| FIFO     | First In/First Out                                    |
| FIFR     | Region 7 FIFRA Neutral Inspection Selection System    |
| FIFRA    | Federal Insecticide, Fungicide, and Rodenticide Ac... |
| FILS     | Federal Information Locator System                    |
| FIM      | Friable Insulation Material                           |
| FINDS    | Facility Index System (OIRM)                          |
| FIP      | Federal Implementation Plan                           |
| FIP      | Federal Information Plan                              |
| FIP      | Final Implementation Plan                             |
| FIPS     | Federal Information Procedures System                 |
| FIPS     | Federal Information Processing Standards              |
| FIRMIS   | OSWER Info System                                     |
| FIRMR    | Federal Info Resources Management Regulation          |
| FIRST-UP | Financial Information Register Satellite Terminal ... |
| FISHTEMP | Ntnl Compendium of Freshwater Fish & Water Temp. D... |
| FIT      | Field Investigation Team                              |
| FLETC    | Federal Law Enforcement Training Center               |
| FLM      | Federal Land Manager                                  |
| FLP      | Flash Point   |
| FLPMA    | Federal Land Policy and Management Act                |
| FLRA     | Federal Labor Relations Authority                     |
| FLRC     | Federal Labor Relations Council                       |



# Acronyms & Abbreviations

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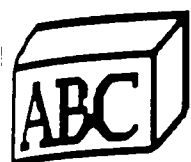
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| FLSA     | Fair Labor Standards Act                              |
| FM       | Friable Material                                      |
| FMC      | Federal Maritime Commission                           |
| FMCS     | Federal Mediation and Conciliation Service            |
| FMD      | Financial Management Division (OARM)                  |
| FMFIA    | Federal Managers' Financial Integrity Act             |
| FML      | Flexible Membrane Liner                               |
| FMO      | Financial Management Officer                          |
| FMP      | Facility Management Plan                              |
| FMP      | Financial Management Plan                             |
| FMS      | ERL-Ada Financial System Management                   |
| FMS      | Financial Management System                           |
| FMSD     | Facilities Management and Services Division (OARM)... |
| FMSD     | Utilization Management and Telephone Directory        |
| FMSMG    | Financial Management System Management Group          |
| FMSR     | Facilities Management System                          |
| FMSTI    | FMS Transaction Input System                          |
| FMSTIU   | FMS Transaction Input & Update System                 |
| FMVCP    | Federal Motor Vehicle Control Program                 |
| FMWOS    | Facility Management Work Order System                 |
| FO       | Facilities Office                                     |
| FOCUS    | For On-Line Computer Users (report writing softwar... |
| FOE      | Friends of the Earth                                  |
| FOI      | Freedom of Information                                |
| FOIA     | Freedom of Information Act                            |
| FOIA     | OWPE Freedom of Information Act System                |
| FOISD    | Fiber Optic Isolated Spherical Dipol Antenna          |
| FONSI    | Finding of No Significant Impact (NEPA)               |
| FORAST   | Forest Response to Anthropogenic Stress               |
| FORTTRAN | Formula Translation                                   |
| FOSD     | Field Operations and Support Division (OA&R)          |
| FP       | Fine Particulate Matter                               |
| FPA      | Federal Pesticide Act                                 |
| FPC      | Federal Power Commission                              |
| FPD      | Flame Photometric Detector                            |
| FPEIS    | Fine Particulate Emissions Information System         |
| FPI      | Federal Prison Industries                             |
| FPM      | Federal Personnel Manual                              |
| FPO      | Federal Protective Officer                            |
| FPPB     | Fiscal Policies and Procedures Branch (FMD)           |



## Acronyms & Abbreviations

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|       |   |
|-------|---|
| FPR   | Federal Procurement Regulation                  |
| FPRS  | Federal Program Resources Statement             |
| FPRS  | Formal Planning and Reporting System            |
| FPS   | Federal Protective Service (GSA)                |
| FR    | Federal Register                                |
| FR    | Final Rulemaking                                |
| FRA   | Federal Register Act                            |
| FRAB  | Financial Repots and Analysis Branch (FMD)      |
| FRB   | Federal Reserve Board                           |
| FRC   | Federal Records Center                          |
| FRCS  | Federal Register Chargeback System              |
| FRD   | Facility Requirements Division (OW)             |
| FRDS  | Federal Reporting Data System                   |
| FREDS | Flexible Regional Emissions Data System         |
| FREE  | Fund for Renewable Energy and the Environment   |
| FRES  | Forest Range Environmental Study                |
| FRM   | Federal Reference Methods                       |
| FRM   | Final Rule Making                               |
| FRN   | Final Rulemaking Notice                         |
| FRO   | Federal Register Office                         |
| FRS   | Formal Reporting System                         |
| FRTIB | Federal Retirement Thrift Investment Board      |
| FS    | Feasibility Study                               |
| FS    | Forest Service                                  |
| FSA   | Food Security Act                               |
| FSB   | Financial Systems Branch (FMD)                  |
| FSC   | Facilities Service Center                       |
| FSIP  | Federal Service Impasse Panel                   |
| FSOD  | MERL-Cinci Field Scale Organics (IBM)           |
| FSP   | Field Sampling Plan                             |
| FSS   | Facility Status Sheet                           |
| FSS   | Federal Supply Schedule                         |
| FSSD  | Facilities and Support Services Division (OARM) |
| FT    | Full Time                                       |
| FTA   | Fairchild Tenants Association                   |
| FTC   | Federal Trade Commission                        |
| FTE   | Full-Time Equivalent                            |
| FTP   | Federal Test Procedure                          |
| FTR   | Federal Travel Regulations                      |
| FTS   | Federal Telecommunications System               |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| FTS     | Field Transfer Service                                |
| FTT     | Full Time Temporary                                   |
| FTTA    | Federal Technology Transfer Act                       |
| FUA     | Fuel Use Act  |
| FUELDB  | Fuels Inspection Data Base                            |
| FURS    | Federal Underground Injection Control Reporting Sy... |
| FUSRAP  | Formally Used Sites Remedial Action Plan (NWP)        |
| FVC     | Forced Vital Capacity                                 |
| FVMP    | Federal Visibility Monitoring Program                 |
| FWCA    | Fish and Wildlife Coordination Act                    |
| FWP     | Federal Women's Program                               |
| FWPAC   | FWP Advisory Committee (OCR)                          |
| FWPCA   | Federal Water Pollution Control Act (aka CWA)         |
| FWQA    | Federal Water Quality Association                     |
| FWS     | Fish and Wildlife Service (DOI)                       |
| FY      | Fiscal Year   |
| FYI     | For Your Information                                  |
| g/mi    | Grams per mile  |
| GAAP    | Generally Accepted Accounting Principles              |
| GAARP   | Grants ADABAS Access and Retrieval Package            |
| GAC     | Granular Activated Carbon                             |
| GAC     | Groundwater Activated Carbon                          |
| GACT    | Granular Activated Carbon Treatment                   |
| GAD     | Grants Administration Division (OARM)                 |
| GADMIS  | Grants Administration Division Management Informat... |
| GADOSAG | Georgia DOSAG   |
| GAO     | General Accounting Office (U.S. Congress)             |
| GASP    | General ADP Support-PDP 11/70                         |
| GAUD    | Region 4 Grants Audit System                          |
| GBL     | Government Bill of Lading                             |
| GC      | Gas Chromatography                                    |
| GC      | General Counsel                                       |
| GC/MS   | Gas Chromatograph/Mass Spectograph                    |
| GCGLD   | Grants, Contracts, and General Law Division (OGC)     |
| GCWR    | Gross Combination Weight Rating                       |
| GEA     | Glossary of EPA Acronyms                              |
| GEI     | Geographic Enforcement Initiative                     |
| GEMS    | Global Environmental Monitoring System                |
| GEMS    | Graphic Exposure Modeling System (OTS)                |
| GEP     | Good Engineering Practice                             |

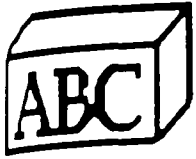




## Acronyms & Abbreviations

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|       |  |
|-------|--|
| GF    | General Files  |
| GFF   | Glass Fiber Filter                                     |
| GFP   | Government-Furnished Property                          |
| GI    | Gastrointestinal                                       |
| GI    | Global Indexing System                                 |
| GICS  | Grant Information and Control System                   |
| GIS   | Geographic Information Systems                         |
| GIS   | Global Indexing System                                 |
| GIS   | Guidelines Implementation Staff (QW)                   |
| GLC   | Gas Liquid Chromatography                              |
| GLERL | Great Lakes Environmental Research Laboratory          |
| GLNPO | Great Lakes National Program Office                    |
| GLOW  | Greater Leadership Opportunity for Women               |
| GLP   | Good Laboratory Practices                              |
| GLWQA | Great Lakes Water Quality Agreement                    |
| GMA   | Grocery Manufacturers Association                      |
| GMCC  | Global Monitoring for Climatic Change                  |
| GMDI  | Geophysical Models for Data Interpretation             |
| GMT   | Greenwich Mean Time                                    |
| GNP   | Gross National Product                                 |
| GOCM  | Goals, Objectives, Commitments and Measures            |
| GOCO  | Government-Owned/Contractor-Operated                   |
| GOGO  | Government-Owned/Government-Operated                   |
| GOLE  | GICS On-Line Data Entry System                         |
| GOMS  | Grants Obligations Management System                   |
| GOP   | General Operating Procedures                           |
| GOPO  | Government-Owned/Private-Operated                      |
| GPAD  | Gallons per acre per day                               |
| GPG   | Gram per gallon  |
| GPO   | Government Printing Office                             |
| GPS   | Groundwater Protection Strategy                        |
| GRCDA | Government Refuse Collection & Disposal Association... |
| GREAT | General Record of Enforcement Actions Tracked          |
| GRGL  | Groundwater Residue Guidance Level                     |
| GRPH  | Region 4 Graphics System                               |
| GS    | General Schedule                                       |
| GSA   | General Services Administration                        |
| GSDP  | Geophysical Survey Data Processing System              |
| GTDMS | GTD Bioassay System                                    |
| GTN   | Global Trends Network                                  |



## Acronyms & Abbreviations

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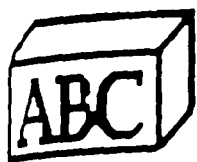
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| GTR                           | Government Transportation Request                     |
| GTTS                          | Grants Treasury Tape System                           |
| GVM                           | Gross Vehicle Weight                                  |
| GVP                           | Gasoline Vapor Pressure                               |
| GVW                           | Gross Vehicle Weight                                  |
| GVWR                          | Gross Vehicle Weight Rating                           |
| GW                            | Ground Water  |
| GWM                           | Ground Water Monitoring                               |
| GWPMs                         | Ground Water Policy and Management Staff (OW)         |
| GWPS                          | General Word Processor Support                        |
| GWPS                          | Ground Water Protection Standard                      |
| GWPS                          | Ground Water Protection Strategy                      |
| GWTF                          | Ground Water Task Force (OSWER)                       |
| H <sub>2</sub> O              | Water   |
| H <sub>2</sub> O <sub>2</sub> | Hydrogen Peroxide                                     |
| H <sub>2</sub> S              | Hydrogen Sulfide                                      |
| HA                            | Hatch Act   |
| HAD                           | Health Assessment Document                            |
| HAOB                          | Headquarters Accounting Operations Branch (FMD)       |
| HAOS                          | Houston Area Oxidant Study                            |
| HAP                           | Hazardous Air Pollutant                               |
| HAPEMS                        | Hazardous Air Pollutants Enforcement Management Sy... |
| HAPPS                         | Hazardous Air Pollutant Prioritization System         |
| HAR03                         | Region 2 Water Quality Models                         |
| HATREMS                       | Hazardous and Trace Emissions System                  |
| HAZARD                        | Hazardous Waste Data Base                             |
| HAZMAT                        | Hazardous Material                                    |
| HAZMAT                        | Hazardous Materials                                   |
| HAZOP                         | Hazard and Operability Study                          |
| HB                            | Health Benefits                                       |
| HBEP                          | Hispanic and Black Employment Programs                |
| HC                            | Hazardous Constituents                                |
| HC                            | Hydrocarbons  |
| HCCPD                         | Hexachlorocyclopentadiene                             |
| HCL                           | Hydrogen Chloride                                     |
| HCP                           | Hydrothermal Coal Process                             |
| HDD                           | Heavy Duty Diesel                                     |
| HDECERT                       | Heavy-Duty Engine Certification Data                  |
| HDC                           | Heavy Duty Gasoline Powered Vehicle                   |
| HDPE                          | High Density Polyethylene                             |



## Acronyms & Abbreviations

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|            |   |
|------------|---|
| HDT        | Heavy-Duty Truck                                      |
| HDV        | Heavy Duty Vehicle                                    |
| HEA        | Health Effects Assessment                             |
| HEAL       | Human Exposure Assessment Location                    |
| HEAST      | Health Effects Assessment Summary Tables              |
| HECC       | House Energy and Commerce Committee                   |
| HED        | Hazard Evaluation Division (OPTS)                     |
| HEED       | Health and Environmental Effects Document             |
| HEEP       | Health and Environmental Effects Profile              |
| HEGP       | Gases and Particles                                   |
| HEHP       | Hazardous Pollutants Research                         |
| HEI        | Health Effects Institute                              |
| HELP MODEL | Hydrologic Evaluation of Landfill Performance Mode... |
| HEM        | Human Exposure Modeling                               |
| HEOX       | Oxidants  |
| HEP        | Hispanic Employment Program                           |
| HEP        | Household Evaluation Program (ORP)                    |
| HEPA       | High-Efficiency Particulate Air                       |
| HEPS       | Pesticides Research                                   |
| HERD       | Health and Environmental Review Division (OPTS)       |
| HERL       | Health Effects Research Laboratory                    |
| HERS       | Hyperion Energy Recovery System                       |
| HESAP      | Health and Environmental Study Audit Program          |
| HETC       | Toxic Substances Research                             |
| HEX-BCH    | Hexachloronorborene                                   |
| HFOS       | HERL-RTP Forced Oscillation System                    |
| HGAS       | HERL-RTP Gas/ Aerosol System                          |
| HHE        | Human Health and the Environment                      |
| HHS        | Department of Health and Human Services               |
| HHV        | Higher Heating Value                                  |
| HHW        | Household Hazardous Waste                             |
| HI         | Hazard Index  |
| HI-VOL     | High-Volume Sampler                                   |
| HIDE       | Heavy-Duty Engine                                     |
| HISLIB     | Effluent Guidelines GC/MS Screening Analysis Data ... |
| HITS       | Headquarters Invoice Tracking System                  |
| HIWAY      | Line Source Model for Gaseous Pollutants              |
| HIWS       | High-Level Waste and Standards                        |
| HMIS       | Hazardous Materials Information System                |
| HMIS       | HERL-RTP Management Information System                |



## Acronyms & Abbreviations

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|       |  |
|-------|--|
| HMS   | Highway Mobile Source                                  |
| HMT   | Hazardous Materials Table                              |
| HMTA  | Hazardous Materials Transportation Act                 |
| HMTR  | Hazardous Materials Transportation Regulations         |
| HO    | Headquarters Offices                                   |
| HOC   | Hazardous Organic Constituents (TSCA/RCRA)             |
| HON   | Hazardous Organic NESHAP                               |
| HOV   | High Occupancy Vehicle                                 |
| HP    | Horse Power  |
| HPLC  | High Performance Liquid Chromatography                 |
| HPLX  | HERL-RTP Plexiglas System                              |
| HPV   | High Priority Violator                                 |
| HQ    | Headquarters   |
| HQCDO | Headquarters Case Development Officer                  |
| HRC   | Human Resources Council                                |
| HRDB  | Human Resources Development Branch (OARM)              |
| HRPS  | High Risk Point Sources                                |
| HRS   | Hazard Ranking System                                  |
| HRSD  | Hazardous Response Support Division (OSWER)            |
| HRUP  | High Risk Urban Problem                                |
| HSCD  | Hazardous Site Control Division (OSWER)                |
| HSDB  | Hazardous Substance Data Base                          |
| HSIA  | Halogenated Solvent Industry Alliance                  |
| HSIRS | Health and Safety Inspection Report System             |
| HSL   | Hazardous Substance List                               |
| HSPF  | Hydrological Simulation Program Fortran                |
| HSWA  | Hazardous and Solid Waste Amendments of 1984           |
| HT    | Hydrothermally Treated                                 |
| HTP   | High Temperature and Pressure                          |
| HTRN  | HERL-RTP Training System                               |
| HUD   | Department of Housing and Urban Development            |
| HVAC  | Heating, Ventilation, and Air Conditioning (System...) |
| HVIO  | High Volume Industrial Organics                        |
| HVLD  | HERL-RTP Validation System                             |
| HW    | Hazardous Waste  |
| HW-FW | Half Wave/Full Wave (electrical distribution)          |
| HWD2  | Region 2 RCRA Facilities Hazard Rating Model           |
| HWDMS | Hazardous Waste Data Management System (OSWER)         |
| HWED  | Hazardous Waste Enforcement Division (OECM)            |
| HWERL | Hazardous Waste Engineering Research Laboratory (O...  |



## Acronyms & Abbreviations

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|           |   |
|-----------|---|
| HWWF      | Half Wave/Full Wave                                   |
| HWGTF     | Hazardous Waste Groundwater Task Force                |
| HWLT      | Hazardous Waste Land Treatment                        |
| HWM       | Hazardous Waste Management                            |
| HWMD      | Hazardous Waste Management Division                   |
| HWRTF     | Hazardous Waste Restrictions Task Force (OW)          |
| HWSA      | Hazardous Waste Services Association                  |
| HWSD      | Hazardous Waste Site Data Base (Indicator Paramete... |
| HWSS      | Hazardous Waste and Superfund Staff (ORD)             |
| HWTC      | Hazardous Waste Treatment Council                     |
| I/M       | Inspection and Maintenance                            |
| IA        | Interagency Agreement                                 |
| IAAC      | Interagency Assessment Advisory Committee             |
| IAD       | Internal Audit Division                               |
| IADB      | Innovative/Alternative Pollution Control Technolog... |
| IAEA      | International Atomic Energy Agency                    |
| IAG       | Interagency Agreement                                 |
| IAG       | Interagency Group                                     |
| IAP       | Incentive Awards Program                              |
| IAP       | Indoor Air Pollution                                  |
| IARC      | International Agency for Research on Cancer           |
| IARDB     | Interim Air Toxics Data Base                          |
| IAS       | Incineration at Sea Site Monitoring and Permits Fi... |
| IATDB     | Interim Air Toxics Data Base                          |
| IBA       | Industrial Biotechnology Association                  |
| IBR       | Incorporation by Reference                            |
| IBRD      | International Bank for Reconstruction and Developm... |
| ICAIR     | Interdisciplinary Planning and Information Researc... |
| ICAP      | Inductively Coupled Argon Plasma                      |
| ICBEN     | International Commission on the Biological Effects... |
| ICC       | Interstate Commerce Commission                        |
| ICE       | Industrial Combustion Emissions Model                 |
| ICE       | Internal Combustion Engine                            |
| ICE MODEL | Industrial Combustion Emissions Model                 |
| ICP       | Inductively Coupled Plasma                            |
| ICR       | Information Collection Request                        |
| ICRA      | Industrial Chemical Research Association              |
| ICRE      | Ignitability, Corrosivity, Reactivity, Extraction ... |
| ICRP      | International Commission on Radiological Protectio... |
| ICS       | Incident Command System                               |



## Acronyms & Abbreviations

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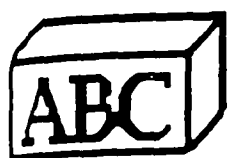
|         |   |
|---------|---|
| ICS     | Institute for Chemical Studies                        |
| ICS     | Intermittent Control Strategies (CAA)                 |
| ICS     | Intermittent Control System (CAA)                     |
| ICWM    | Institute for Chemical Waste Management               |
| ICWP    | Interstate Conference on Water Problems               |
| ID      | Inside Diameter                                       |
| IDBS    | Imports Data Base                                     |
| IDL     | Instrument Detection Limit                            |
| IDLH    | Immediately Dangerous to Life and Health              |
| IDP     | Individual Development Plan                           |
| IEB     | International Environment Bureau                      |
| IEMD    | Integrated Environmental Management Division (OPPE... |
| IEMP    | Integrated Environmental Management Project           |
| IEMS    | Integrated Emergency Management System                |
| IEPD    | Industrial and Extractive Processes Division (ORD)... |
| IERL    | Industrial Environmental Research Laboratory          |
| IES     | Institute of Environmental Sciences                   |
| IFB     | Invitation for Bid                                    |
| IFCAM   | Industrial Fuel Choice Analysis Model                 |
| IFIS    | Industry File Information System                      |
| IFMS    | Integrated Financial Management System                |
| IFPP    | Industrial Fugitive Process Particulate               |
| IFR     | Interim Final Rule                                    |
| IG      | Inspector General                                     |
| IGCI    | Industrial Gas Cleaning Institute                     |
| IGD     | Inspector General Division (OGC)                      |
| IHEU    | In-House Equipment Utilization                        |
| IHS     | Indian Health Service                                 |
| IIS     | Inflationary Impact Statement                         |
| IJC     | International Joint Commission                        |
| ILS     | Intergovernmental Liaison Staff                       |
| IMAGERY | Multispectral Scanner and Photographic Imagery        |
| IMAN    | NEIC Image Analysis System                            |
| IMD     | Information Management Division (OPTS)                |
| IMIS    | IERL-RTP Management Information System                |
| IMM     | Intersection Midblock Model                           |
| IMPACT  | Integrated Model of Plumes and Atmosphere in Compl... |
| IMPREST | IMPREST System  |
| IMPROVE | Interagency Monitoring of Protected Visual Environ... |
| IMS     | Information Management Staff (OSWER)                  |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| IMSD    | Information Management and Services Division (OARM... |
| INCE    | Institute of Noise Control Engineers                  |
| INDX    | Enforcement Document Retrieval System                 |
| INPUFF  | A Gaussian Puff Dispersion Model                      |
| INT     | Intermittent  |
| INVITRO | HERL-RTP In Vitro System                              |
| IO      | Immediate Office                                      |
| IOAA    | Immediate Office of the Assistant Administrator       |
| IOAU    | Input/Output Arithmetic Unit                          |
| IOB     | Iron Ore Benefication                                 |
| IOTV    | Inter Office Transfer Voucher                         |
| IOU     | Input/Output Unit                                     |
| IP      | Inhaleable Particulates                               |
| IPA     | Intergovernmental Personnel Act                       |
| IPA     | Intergovernmental Personnel Agreement                 |
| IPM     | Inhalable Particulate Matter                          |
| IPM     | Integrated Pest Management                            |
| IPMN    | Inhalable Particulate Network                         |
| IPMPCS  | Integrated Pest Management and Program Coordinatio... |
| IPP     | Implementation Planning Program                       |
| IPP     | Integrated Plotting Package                           |
| IR      | Infrared  |
| IRD     | Information Resources Directory (OIRM)                |
| IRG     | Interagency Review Group                              |
| IRIS    | Instructional Resources Information System            |
| IRIS    | Integrated Risk Information System                    |
| IRLG    | Interagency Regulatory Liaison Group                  |
| IRM     | Information Resources Management                      |
| IRM     | Interim Remedial Measures (CERCLA)                    |
| IRMC    | Interagency Risk Management Council                   |
| IRP     | Installation Restoration Program                      |
| IRPTC   | International Register of Potentially Toxic Chemic... |
| IRR     | Institute of Resource Recovery                        |
| IRR     | Inventory Reporting Requirement System                |
| IRS     | Intergovernmental Relations Staff (OEA)               |
| IRS     | Intermedia Ranking Staff                              |
| IRS     | Internal Revenue Service                              |
| IRS     | International Referral System                         |
| IRSD    | Information and Regulatory Systems Division (OPPE)... |
| IS      | Indicator Score                                       |



## Acronyms & Abbreviations

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|       |  |
|-------|--|
| IS    | Interim Status   |
| ISAM  | Indexed Sequential File Access Method                  |
| ISC   | Industrial Source Complex                              |
| ISCL  | Interim Status Compliance Letter                       |
| ISCLT | Industrial Source Complex Long Term Model              |
| ISCST | Industrial Source Complex Short Term Model             |
| ISD   | Information Systems Division (OARM)                    |
| ISD   | Interim Status Document (RCRA)                         |
| ISDB  | Industry Studies Data Base                             |
| ISE   | Ion-specific Electrode                                 |
| ISI   | EPA Information Systems Inventory                      |
| ISIS  | Industry File Indexing System                          |
| ISMAP | Indirect Source Model for Air Pollution                |
| ISS   | Information Security Specialist                        |
| ISS   | Information Systems Staff (ORD)                        |
| ISS   | Interim Status Standards                               |
| ITC   | International Trade Commission                         |
| ITD   | Industrial Technology Division (OW)                    |
| ITD   | Inhalation Toxicology Division                         |
| ITDP  | Individual Training and Development Plan               |
| ITP   | Individual Training Plan                               |
| ITS   | Interagency Testing Committee Tracking System          |
| ITSS  | Integrated Technical Support Services System           |
| IUFED | In-Use Vehicle Fuel Economy Data                       |
| IUTA  | In-Use Technology Assessment                           |
| IUTD  | Ann Arbor In-Use Test Data System                      |
| IVTC  | International Visitors and Travel Coordinator (OIA...) |
| IWC   | In-Stream Waste Concentration (CWA)                    |
| IWS   | Ionizing Wet Scrubber                                  |
| JAPCA | Journal of Air Pollution Control Association           |
| JATS  | Job Application Tracking System                        |
| JCL   | Job Control Language                                   |
| JEC   | Joint Economic Committee                               |
| JFMIP | Joint Financial Management Improvement Program         |
| JLC   | Justification for Limited Competition                  |
| JNCP  | Justification for Noncompetitive Procurement           |
| JOFOC | Justification for Other Than Full and Open Competi...  |
| JPA   | Joint Permitting Agreement                             |
| JSD   | Jackson Structured Design                              |
| JSP   | Jackson Structured Programming                         |

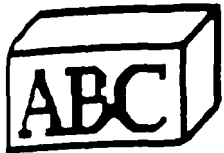




## Acronyms & Abbreviations

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|            |   |
|------------|---|
| JTU        | Jackson Turbidity Unit                                |
| JUDO       | Judicial Officer Case Tracking System                 |
| JV         | Journal Voucher                                       |
| KW         | Kilowatt  |
| KWH        | Kilowatt Hour   |
| KWIC/UNVAC | OA-RTP Keyword in Context Index                       |
| LAA        | Lead Agency Attorney                                  |
| LABELS     | Region 3 Mail Labels System                           |
| LABPROP    | Laboratory Property Management System                 |
| LACS       | Los Angeles Catalytic Study                           |
| LAER       | Lowest Achievable Emission Rate                       |
| LAI        | Laboratory Audit Inspection                           |
| LAMP       | Lake Acidification Mitigation Project (EPRI)          |
| LAMS       | Lake Analysis Management System                       |
| LAN        | Local Area Network                                    |
| LAST       | Labor and Sample Tracking                             |
| LBAU       | Lab Automation System                                 |
| LBI        | Limited Background Investigation                      |
| LC         | Lethal Concentration                                  |
| LC         | Liquid Chromatography                                 |
| LCD        | Local Climatological Data                             |
| LCL        | Lower Control Limit                                   |
| LCM        | Life Cycle Management                                 |
| LCRS       | Leachate Collection and Removal System                |
| LCS        | Ann Arbor Laboratory Computer System                  |
| LCS        | OA-Cinci (EMSAC) Library Circulation System           |
| LCS        | Region 10 Library Circulation System                  |
| LD         | Light Duty  |
| LD50       | Low Dose Where Fifty Percent of Animals Die           |
| LD50       | Median Lethal Dose                                    |
| LDC        | London Dumping Convention                             |
| LDCRS      | Leachate Detection, Collection, and Removal System    |
| LDD        | Light Duty Diesel                                     |
| LDEQ       | Louisiana Department of Environmental Quality         |
| LDIP       | Laboratory Data Integrity Program                     |
| LDMS       | Region 2, Lab Data Management System                  |
| LDPE       | Low Density Polyethylene                              |
| LDPHDN     | Lead Additive Report for Refineries and Importers ... |
| LDR        | Land Disposal Restrictions                            |
| LDRRDDB    | Land Disposal Restrictions (Rule Development)         |



## Acronyms & Abbreviations

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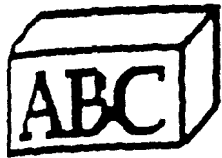
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| LDRTF     | Land Disposal Restrictions Task Force                 |
| LDS       | Light-Duty Vehicle/Truck Certification                |
| LDSFE     | Fuel Economy  |
| LDT       | Light Duty Truck                                      |
| LDV       | Light Duty Vehicle                                    |
| LEL       | Lower Explosive Limit                                 |
| LEP       | Laboratory Evaluation Program                         |
| LEPC      | Local Emergency Planning Committee                    |
| LEPD      | Legal Enforcement Policy Divison (OECM)               |
| LERC      | Local Emergency Response Committee                    |
| LEVEL8(A) | TSCA 8(a) Level A Information System                  |
| LFL       | Lower Flammability Limit                              |
| LIBBKS    | Headquarters Book System                              |
| LIBR      | RTP Library   |
| LIDAR     | NEIC Light Detection and Ranging System               |
| LIFO      | Last In/First Out                                     |
| LIMB      | Limestone-Injection, Multi-Stage Burner               |
| LIRAQ     | Livermore Regional Air Quality Model                  |
| LITS      | Litigation Support System                             |
| LLRW      | Low Level Radioactive Waste                           |
| LLWPA     | Low-Level Waste Policy Act                            |
| LMF       | Logical Mainframe                                     |
| LMFBR     | Liquid Metal Fast Breeder Reactor                     |
| LMR       | Labor Management Relations                            |
| LNEP      | Low Noise Emission Product                            |
| LNG       | Liquified Natural Gas                                 |
| LNRD      | Land and Natural Resources Division (DOJ)             |
| LOAFL     | Lowest Observed Adverse Effect Level                  |
| LOC       | Library of Congress                                   |
| LOC-TFCS  | Letter of Credit - (Dept. of) Treasury Financial C... |
| LOCATOR   | Mail/Locator  |
| LOE       | Level of Effort                                       |
| LOEL      | Lowest Observed Effect Level                          |
| LOIS      | Loss of Interim Status (SDWA)                         |
| LONGZ     | Long Term Terrain Model                               |
| LOOK-UP   | Online Account Status and Payment History             |
| LOQ       | Level of Quantification                               |
| LP        | Legislative Proposal                                  |
| LPG       | Liquified Petroleum Gas                               |
| LRMS      | Low Resolution Mass Spectroscopy                      |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| LRO     | Labor Relations Officer                               |
| LRTAP   | Long Range Transportation of Air Pollution            |
| LSD     | Laboratory Services Division (NEIC)                   |
| LSERA   | ERL-Duluth Financial Management Package               |
| LSERB   | ERL-Duluth Personnel and Payroll                      |
| LSI     | Legal Support Inspection (CWA)                        |
| LSL     | Lump Sum Leave  |
| LST     | Low-Solvent Technology                                |
| LTA     | Lead Trial Attorney                                   |
| LTC     | Long-term Concentration                               |
| LTD     | Land Treatment Demonstration                          |
| LTO     | Landing-Takeoff Cycle                                 |
| LTOP    | Lease to Purchase                                     |
| LTR     | Lead Technical Representative                         |
| LTU     | Land Treatment Unit                                   |
| LUCIFER | Listing of Organic Compounds Identified in Region ... |
| LUST    | Leaking Underground Storage Tanks                     |
| LVAOO   | Las Vegas Accounting Operations Office (OARM)         |
| LVFMC   | Las Vegas Financial Management Center (FMD)           |
| LVRO    | Las Vegas Radiation Operations                        |
| LVS     | Laboratory Ventilation Data System                    |
| LWCF    | Land and Water Conservation Fund                      |
| LWOP    | Lease with Option to Purchase                         |
| LWOP    | Leave Without Pay                                     |
| M&IE    | Meals and Incidental Expenses                         |
| MAB     | Man and Biosphere Program                             |
| MAC     | Management Advisory Committee                         |
| MADCAP  | Model of Advection, Diffusion and Chemistry for Ai... |
| MAER    | Maximum Allowable Emission Rate                       |
| MAG     | Management Advisory Group                             |
| MAP     | Management Assistance Program                         |
| MAP3S   | Multistate Atmospheric Power Production Pollution ... |
| MAPC    | Manpower Model for Control Agencies                   |
| MAPPER  | Maintaining, Preparing, and Producing Executive Re... |
| MAPS    | Region 2 Environmental Map Catalog System             |
| MAPSIM  | Mesoscale Air Pollution Simulation Model              |
| MAR     | Management Assistance Review                          |
| MARC    | Mining and Reclamation Council                        |
| MASBAL  | RCRA Mass Balance System                              |
| MATC    | Maximum Allowable Toxicant Concentration              |



## Acronyms & Abbreviations

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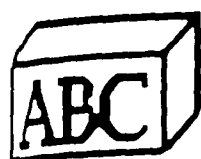
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| MAXDOSE   | Maximum Individual Dose Model                          |
| MBDA      | Minority Business Development Agency                   |
| MBE       | Minority Business Enterprises                          |
| MBE/WBE   | Certification Questionnaire-Minority/Women Business... |
| MBEP      | Region 4 Minority Business Tracking                    |
| MBER      | Minority Business Enterprise Representative            |
| MBO       | Management by Objectives                               |
| MCA       | Manufacturing Chemists Association                     |
| MCD       | Municipal Construction Division (OW)                   |
| MCDF      | Master Code Descriptor File                            |
| MCEF      | Mixed Cellulose Ester Filter                           |
| MCIA      | Methyl Chloride Industry Alliance                      |
| MCL       | Maximum Contaminant Level (SDWA)                       |
| MCLG      | Maximum Contaminant Level Goals                        |
| MCP       | Municipal Compliance Plan (CWA)                        |
| MD        | Mail Drop  |
| MD        | Management Division (regional)                         |
| MDA       | Methylenedianiline                                     |
| MDAAQS    | Miscellaneous Data Analysis and Air Quality Simula...  |
| MDAD      | Monitoring and Data Analysis Division (OA&R)           |
| MDD       | Management Division Director                           |
| MDEQ      | Massachusetts Department of Environmental Quality...   |
| MDL       | Method Detection Limit                                 |
| MDSD      | Monitoring and Data Support Division (OW)              |
| MECA      | Manufacturers of Emission Controls Association         |
| MED       | Minimum Effective Dose                                 |
| MEFS      | Midterm Energy Forecasting System                      |
| MEI       | Maximum Exposed Individual (TSCA)                      |
| MEK       | Methyl Ethyl Ketone                                    |
| MEM       | Modal Emission Model                                   |
| MENS      | Mission Element Needs Statement                        |
| MEP       | Multiple Extraction Procedure                          |
| MERL      | Municipal Environmental Research Laboratory            |
| MES       | Modal Emission Model                                   |
| MESOPAC   | Mesoscale Meteorological Preprocessor Program          |
| MESOPLUME | Mesoscale "Bent Plume" Model                           |
| MESOPUFF  | Mesoscale Puff Model                                   |
| MESS      | Model Evaluation Support System                        |
| METL      | Metals Data Base                                       |
| METL      | Region 4 Metals System                                 |



## Acronyms & Abbreviations

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|           |   |
|-----------|---|
| MEXAMS    | Metals Exposure Analysis Modeling System              |
| MFBI      | Major Fuel Burning Installation                       |
| MFC       | Metal Finishing Category                              |
| MFD       | Municipal Facilities Division (OW)                    |
| MGD       | Millions of Gallons per Day                           |
| MH        | Man Hours   |
| MHD       | Magnethydrodynamics                                   |
| MIBK      | Methyl Isobutyl Ketone                                |
| MIC       | Master Item Code                                      |
| MIC       | Methyl isocyanate                                     |
| MICAD     | Micro-Installation, Inc.                              |
| MICE      | Management Information Capability for Enforcement     |
| MICROMORT | A One in a Million Chance of Death from Environmen... |
| MIDSD     | Management Informaton and Data Systems Division       |
| MINTEQ    | Geochemical Model                                     |
| MIPS      | Millions of Instructions per second                   |
| MIS       | Mineral Industry Surveys                              |
| MISTT     | Midwest Interstate Sulfur Transformation and Trans... |
| MITS      | Management Information Tracking System (New Chemic... |
| ML        | Meteorology Laboratory                                |
| ML        | Military Leave  |
| MLAP      | Migrant Legal Action Program                          |
| MLSS      | Mixed Liquor Suspended Solids                         |
| MLVSS     | Mixed Liquor Volatile Suspended Solids                |
| MMD       | Mass Median Diameter                                  |
| MMS       | Minerals Management Service (DOI)                     |
| MMT       | Million metric tons                                   |
| MOA       | Memorandum of Agreement                               |
| MOBILE    | Mobile Source Emissions Model                         |
| MOCERT    | Motorcycle Certification Data                         |
| MOCS      | MacPhail Operant Chambers                             |
| MOD       | Management and Organization Division (OARM)           |
| MOD       | Manufacturers Operations Division (OA&R)              |
| MOD       | Marine Operations Division (OW)                       |
| MOD       | Miscellaneous Obligation Document                     |
| MOD       | Modification  |
| MODHIWAY  | Modified Hiway Program                                |
| MOI       | Memorandum in Intent                                  |
| MOI       | Memorandum of Information (OARM)                      |
| MORT      | HERL-RTP Mortality Data Base                          |



## Acronyms & Abbreviations

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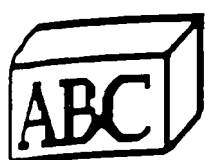
|        |   |
|--------|---|
| MOS    | Management Operations Staff (OFC)                     |
| MOS    | Margin of Safety                                      |
| MOTRON | MacPhail Motron System                                |
| MOU    | Memorandum of Understanding                           |
| MP     | Melting Point   |
| MPD    | Metropolitan Police Department                        |
| MPES   | Management Planning and Evaluation Staff (OIRM)       |
| MPO    | Metropolitan Planning Organization                    |
| MPP    | Merit Promotion Plan                                  |
| MPRSA  | Marine Protection, Research, and Sanctuaries Act      |
| MPS2   | Region 2 Merit Pay System                             |
| MPTDS  | MPTER Model with Deposition and Settling of Pollut... |
| MPTER  | Multiple Point Source Model with Terrain              |
| MRA    | Minimum Retirement Age                                |
| MRAM   | MacPhail Radial Arm Maze                              |
| MRI    | Midwest Research Institute                            |
| MRP    | Multi-Roller Press (in sludge drying unit)            |
| MS     | Mail Stop   |
| MS     | Management Staff (OPTS)                               |
| MS     | Mass Spectrometry                                     |
| MS     | Multilateral Staff (OIA)                              |
| MSA    | Management System Audits                              |
| MSA    | Metropolitan Statistical Areas                        |
| MSAM   | Multi-Keyed Indexed Sequential File Access Method     |
| MSD    | Management Systems Division (OPPE)                    |
| MSDS   | Material Safety Data Sheet                            |
| MSEE   | Major Source Enforcement Effort                       |
| MSHA   | Mine Safety and Health Administration (DOL)           |
| MSIS   | Model State Information System                        |
| MSL    | Mean Sea Level  |
| MSPB   | Merit Systems Protection Board                        |
| MSRM   | Mixture and Systemic Toxicant Risk Model              |
| MSS    | Management Support Staff (OPTS)                       |
| MSS    | Management Systems Staff (OGC)                        |
| MTB    | Materials Transportation Bureau                       |
| MTBE   | Methyl Tertiary Butyl Ether                           |
| MTD    | Maximum Tolerated Dose                                |
| MTDDIS | Mesoscale Transport Diffusion and Deposition Model... |
| MTG    | Media Task Group                                      |
| MTS    | Management Tracking System (OW)                       |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| MTSL    | Monitoring and Technical Support Laboratory           |
| MTU     | Mobile Treatment Unit                                 |
| MUSWTCH | Mussel Watch  |
| MVA     | Multivariate Analysis                                 |
| MVAPCA  | Motor Vehicle Air Pollution Control Act               |
| MVEL    | Motor Vehicle Emission Laboratory                     |
| MVI/M   | Motor Vehicle Inspection/Maintenance                  |
| MVICSA  | Motor Vehicle Information and Cost Savings Act        |
| MVMA    | Motor Vehicle Manufacturers Association               |
| MVRS    | Marine Vapor Recovery System                          |
| MVS     | Multiple Virtual System                               |
| MVTS    | Motor Vehicle Tampering Survey (FISD, OMS)            |
| MW      | Megawatt  |
| MW      | Molecular Weight                                      |
| MWC     | Municipal Waste Combustor                             |
| MWG     | Model Work Group                                      |
| MWL     | Municipal Waste Leachate                              |
| MYDP    | Multi-Year Development Plans                          |
| N/A     | Not Applicable  |
| N/A     | Not Available   |
| NA      | National Archives                                     |
| NA      | Nonattainment   |
| NAA     | Nonattainment Area                                    |
| NAAG    | National Association of Attorneys General             |
| NAAQS   | National Ambient Air Quality Standards Program (CA... |
| NAAS    | National Air Audit System (OAR)                       |
| NABN    | EMSL-RTP National Atmospheric Background Network      |
| NAC     | National Agency Check                                 |
| NAC     | National Asbestos Council                             |
| NACA    | National Agricultural Chemicals Association           |
| NACD    | National Association of Conservation Districts        |
| NACI    | National Agency Check and Inquiry                     |
| NACO    | National Association of Counties                      |
| NADB    | National Aerometric Data Bank                         |
| NADP    | National Atmospheric Deposition Program               |
| NADPSC  | National ADP Service Center                           |
| NAE     | National Academy of Engineering                       |
| NAEP    | National Association of Environmental Professional... |
| NAIS    | Neutral Administrative Inspection Scheme              |
| NALD    | Nonattainment Areas Lacking Demonstrations            |



## Acronyms & Abbreviations

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|          |   |
|----------|---|
| NAM      | National Association of Manufacturers                 |
| NAMA     | National Air Monitoring Audits                        |
| NAMF     | National Association of Metal Finishers               |
| NAMS     | National Air Monitoring Station                       |
| NAMS/MIS | National Air Monitoring Stations Management Inform... |
| NANCO    | National Association of Noise Control Officials       |
| NAPA     | National Academy of Public Administration             |
| NAPAP    | National Acid Precipitation Assessment Program        |
| NAPAP    | National Acid Precipitation Program Emission Inven... |
| NAPBN    | National Air Pollution Background Network             |
| NAPCTAC  | National Air Pollution Control Techniques Advisory... |
| NAR      | National Asbestos Registry                            |
| NARA     | National Air Resoures Act                             |
| NARA     | National Archives and Records Administration          |
| NARS     | National Asbestos-Contractor Registry System          |
| NAS      | National Academy of Sciences                          |
| NAS      | National Audubon Society                              |
| NASA     | National Aeronautics and Space Administration         |
| NASLR    | National Association of State Land Reclamationists    |
| NASN     | National Air Sampling Network                         |
| NASN     | National Air Surveillance Network                     |
| NASR     | National Association of Solvent Recyclers             |
| NATICH   | National Air Toxics Information Clearinghouse         |
| NATO     | North Atlantic Treaty Organization                    |
| NATS     | National Air Toxics Strategy                          |
| NAWC     | National Association of Water Companies               |
| NAWDEX   | National Water Data Exchange                          |
| NBAR     | Non-Binding Allocation of Responsibility              |
| NBS      | National Bureau of Standards                          |
| NCA      | National Coal Association                             |
| NCA      | Noise Control Act                                     |
| NCAC     | National Clean Air Coalition                          |
| NCAF     | National Clean Air Fund                               |
| NCAMP    | National Coalition Against the Misuse of Pesticide... |
| NCAQ     | National Commission on Air Quality                    |
| NCAR     | National Center for Atmospheric Research              |
| NCASI    | Ntl Council of the Paper Industry for Air and Stre... |
| NC       | Noncarcinogen   |
| NCC      | National Climatic Center                              |
| NCC      | National Computer Center                              |

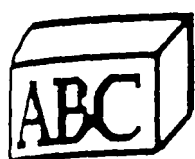




## Acronyms & Abbreviations

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|         |   |
|---------|---|
| NCCMAG  | National Computer Center Management Advisory Group    |
| NCF     | Network Control Facility                              |
| NCHS    | National Center for Health Statistics (NIH)           |
| NCI     | National Cancer Institute                             |
| NCIC    | National Crime Information Center                     |
| NCL     | National Consumers League                             |
| NCLAN   | National Crop Loan Assessment Network                 |
| NCLEHA  | Natural Conference of Local Environmental Health A... |
| NCLP    | National Contract Laboratory Program                  |
| NCLS    | NEIC Library System                                   |
| NCM     | National Coal Model                                   |
| NCM     | Notice of Commencement of Manufacture (TSCA)          |
| NCO     | Negotiated Consent Order                              |
| NCP     | National Contingency Plan (CERCLA)                    |
| NCP     | Noncompliance Penalties (CAA)                         |
| NCP     | Nonconformance Penalty                                |
| NCPIASI | National Council of the Paper Industry for Air and... |
| NCR     | Noncompliance Report (CWA)                            |
| NCR     | Nonconformance Report                                 |
| NCRIC   | National Chemical Response and Information Center ... |
| NCRP    | National Council on Radiation Protection and Measu... |
| NCS     | National Compliance Strategy                          |
| NCSL    | National Conference of State Legislatures             |
| NCV     | Nerve Conduction Velocity                             |
| NCVECS  | National Center for Vehicle Emissions Control and ... |
| NCWM    | National Conference of Weights and Measures           |
| NCWQ    | National Commission on Water Quality                  |
| ND      | Non-detect  |
| NDD     | Negotiation Decision Document                         |
| NDDN    | National Dry Deposition Network                       |
| NDIR    | Nondispersive Infrared Analysis                       |
| NDPD    | National Data Processing Division (OARM)              |
| NDS     | National Dioxin Study                                 |
| NDS     | National Disposal Site                                |
| NDWAC   | National Drinking Water Advisory Council              |
| NEA     | National Energy Act                                   |
| NECRMP  | Northeast Corridor Regional Modeling Project          |
| NEDA    | National Environmental Development Association        |
| NEDS    | National Emissions Data System (CAA)                  |
| NEEC    | National Environmental Enforcement Council (NAAG)     |



## Acronyms & Abbreviations

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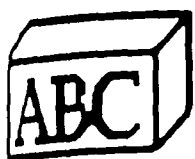
|           |   |
|-----------|---|
| NEEDS     | Needs Survey  |
| NEEJ      | National Environmental Enforcement Journal (NAAG)     |
| NEHA      | National Environmental Health Association             |
| NEIC      | National Enforcement Investigations Center (OECM)     |
| NEMA      | National Electrical Manufacturers Association         |
| NEP       | National Energy Plan                                  |
| NEP       | National Estuary Program                              |
| NEPA      | National Environmental Policy Act of 1969             |
| NER       | National Emissions Report                             |
| NERA      | National Economic Research Associates                 |
| NERO      | National Energy Resources Organization                |
| NEROS     | ASRL-RTP Northeast Regional Oxidant Study             |
| NES PHYTO | National Phytoplankton Data Base (in Lakes)           |
| NESCAUM   | Northeast States for Coordinated Air Use Managemen... |
| NESHAPS   | National Emissions Standards for Hazardous Air Pol... |
| NETA      | National Environmental Training Association           |
| NETC      | National Emergency Training Center                    |
| NETTING   | Emission Trading Used to Avoid PSD/NSR Permit Revi... |
| NFA       | National Fire Academy                                 |
| NFAN      | National Filter Analysis Network                      |
| NFFE      | National Federation of Federal Employees              |
| NFIB      | National Federation of Independent Business           |
| NFIP      | National Flood Insurance Program                      |
| NFMA      | National Forest Management Act                        |
| NFPA      | National Fire Protection Association                  |
| NFPA      | National Forest Products Association                  |
| NFS       | National Forest Service                               |
| NFWF      | National Fish and Wildlife Foundation                 |
| NGA       | National Governors Association                        |
| NGA       | Natural Gas Association                               |
| NGPA      | Natural Gas Policy Act                                |
| NGWIC     | National Ground Water Information Center              |
| NHANES    | National Health and Nutrition Examination Study       |
| NHIS      | National Health Interview Survey                      |
| NHMP      | National Human Milk Monitoring Program                |
| NHPA      | National Historic Preservation Act                    |
| NHTSA     | National Highway Traffic Safety Act                   |
| NHTSA     | National Highway Traffic Safety Administration (DO... |
| NHWP      | Northeast Hazardous Waste Project                     |
| NICS      | National Institute for Chemical Studies               |



## Acronyms & Abbreviations

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|                 |   |
|-----------------|---|
| NICT            | National Incident Coordination Team                   |
| NIEHS           | National Institute of Environmental Health Science... |
| NIEI            | National Indoor Environmental Institute               |
| NIH             | National Institutes of Health                         |
| NIM             | National Impact Model                                 |
| NIMBY           | Not In My Back Yard                                   |
| NIOSH           | National Institute for Occupational Safety and Hea... |
| NIPDWR          | National Interim Primary Drinking Water Regulation... |
| NIS             | Noise Information System                              |
| NISAC           | National Industrial Security Advisory Committee       |
| NIST            | National Institute for Standards and Technology (F... |
| NITEP           | National Incinerator Testing and Evaluation Progra... |
| NJDEP           | New Jersey Department of Environmental Protection ... |
| NLA             | National Lime Association                             |
| NLAP            | National Lab Audit Program                            |
| NLC             | National League of Cities                             |
| NLETS           | National Law Enforcement Teletype System              |
| NLM             | National Library of Medicine                          |
| NLT             | Not Later Than  |
| NMC             | National Meteorological Center                        |
| NMFS            | National Marine Fisheries Service (DOC)               |
| NMFWF           | National Fish and Wildlife Foundation                 |
| NMHC            | Nonmethane Hydrocarbons                               |
| NMI             | Northeast Midwest Institute                           |
| NML             | National Municipal League                             |
| NMOC            | Nonmethane Organic Compounds                          |
| NMP             | National Municipal Policy                             |
| NMR             | Nuclear Magnetic Resonance                            |
| NNC             | Notice of Noncompliance (TSCA)                        |
| NNEMS           | National Network for Environmental Management Stud..  |
| NNPSP           | National Non-Point Source Pollution Program           |
| NO              | Nitric Oxide  |
| NO <sub>2</sub> | Nitrogen Dioxide                                      |
| NOA             | New Obligation Authority                              |
| NOAA            | National Oceanic and Atmospheric Administration (D... |
| NOAEL           | No-observed-adverse-effect-level                      |
| NOC             | Notice of Commencement                                |
| NOD             | Notice of Deficiency (RCRA)                           |
| NOEL            | No Observable Effects Level                           |
| NOHSCP          | National Oil and Hazardous Substances Contingency ... |



## Acronyms & Abbreviations

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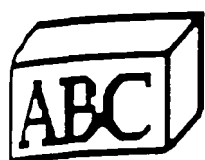
|                 |   |
|-----------------|---|
| NOJC            | National Oil Jobbers Council                          |
| NON             | Notice of Noncompliance                               |
| NON             | Notice of Noncompliance (TSCA)                        |
| NOPEs           | Non-Occupational Pesticide Exposure Study             |
| NORA            | National Oil Recyclers Association                    |
| NOS             | National Ocean Survey (NOAA)                          |
| NOV             | Notice of Violation (CAA, CWA, FIFRA)                 |
| NOV/CD          | Notice of Violation/Compliance Demand                 |
| NO <sub>x</sub> | Nitrogen Oxides                                       |
| NP&AA           | Noise Pollution and Abatement Act of 1970             |
| NPAA            | Noise Pollution and Abatement Act                     |
| NPCA            | National parks and Conservation Association           |
| NPDES           | Laboratory Performance Evaluation (NPDES)             |
| NPDES           | National Pollutant Discharge Elimination System (C... |
| NPDES FILE      | National Pollutant Discharge Elimination System (N... |
| NPIRS           | National Pesticide Information Retrieval System       |
| NPL             | National Priority List (CERCLA)                       |
| NPM             | National Program Manager                              |
| NPN             | National Particulate Network                          |
| NPR             | Notice of Proposed Rulemaking                         |
| NPS             | National Park Service                                 |
| NPS             | National Permit Strategy                              |
| NPS             | National Pesticide Survey (OW)                        |
| NPTN            | National Pesticides Telecommunications Network        |
| NPUG            | National Prime User Group                             |
| NRA             | National Recreation Area                              |
| NRC             | National Referral Center                              |
| NRC             | National Research Council                             |
| NRC             | National Response Center                              |
| NRC             | Non-reusable Container (DOT)                          |
| NRC             | U.S. Nuclear Regulatory Commission                    |
| NRDC            | Natural Resources Defense Council                     |
| NRT             | National Response Team                                |
| NRWA            | National Rural Water Association                      |
| NSA             | National Security Agency                              |
| NSC             | National Security Council                             |
| NSDWR           | National Secondary Drinking Water                     |
| NSEC            | National System for Emergency Coordination            |
| NSEP            | National System for Emergency Preparedness            |
| NSF             | National Sanitation Foundation                        |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| NSF     | National Science Foundation                           |
| NSF     | National Strike Force                                 |
| NSI     | National Security Information                         |
| NSO     | Nonferrous Smelter Order (CAA)                        |
| NSPE    | National Society for Professional Engineers           |
| NSPS    | New Source Performance Standards (CAA)                |
| NSR     | New Source Review (CAA)                               |
| NSR/PSD | New Source Review and Prevention of Significant De... |
| NSTL    | National Space Technology Laboratory                  |
| NSWMA   | National Solid Waste Management Association           |
| NSWS    | National Surface Water Survey                         |
| NTE     | Not to Exceed   |
| NTGS    | National Technical Guidance Studies                   |
| NTIS    | National Technical Information Service                |
| NTN     | National Trends Network                               |
| NTP     | National Toxicology Program                           |
| NTSB    | National Transportation Safety Board                  |
| NUCA    | National Utility Contractors Association              |
| NUREG   | Criteria for Preparation and Evaluation of Radiolo... |
| NURF    | NAPAP Utility Reference File                          |
| NVPP    | National Vehicle Population Poll                      |
| NWA     | National Water Alliance                               |
| NWF     | National Wildlife Federation                          |
| NWPA    | Nuclear Waste Policy Act                              |
| NWRC    | National Weather Records Center                       |
| NWS     | National Weather Service                              |
| O&G     | Oil and Gas   |
| O&M     | Operation and Maintenance                             |
| O&M     | Region 4 O&M Municipal Inventory                      |
| O3      | Ozone   |
| OA      | Office of Administration (OARM)                       |
| OA      | Office of Audits                                      |
| OA      | Office of the Administrator                           |
| OA&R    | Office of Air and Radiation                           |
| OADEMQA | Office of Acid Deposition, Environmental Monitorin... |
| OAE     | Office of Analysis and Evaluation (OW)                |
| OALJ    | Office of Administrative Law Judges (AO)              |
| OAQPS   | Office of Air Quality Planning and Standards (OA&R... |
| OAR     | Office of Air and Radiation                           |
| OARM    | Office of Administration and Resources Management ... |



## Acronyms & Abbreviations

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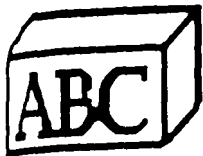
|       |   |
|-------|---|
| OASDI | Old-Age Survivors and Disability Insurance            |
| OASIS | OERR Info System                                      |
| OC    | Object Class  |
| OC    | Office of the Comptroller (OARM)                      |
| OCAPO | Office of Compliance Analysis and Program Operatio... |
| OCD   | Offshore and Coastal Dispersion Model                 |
| OCE   | Office of Criminal Enforcement (OECM)                 |
| OCEM  | Office of Cooperative Environmental Management        |
| OCESL | Office of Criminal Enforcement and Special Litigat... |
| OCI   | Office of Criminal Investigation (NEIC)               |
| OCI   | Organizational Conflicts of Interest                  |
| OCIL  | Office of Community and Intergovernmental Liaison ... |
| OCIR  | Office of Community and Intergovernmental Relation... |
| OCIS  | On Line Chemical Information System                   |
| OCL   | Office of Congressional Liaison (OEA)                 |
| OCM   | Office of Compliance Monitoring (OPTS)                |
| OCR   | Office of Civil Rights (AO)                           |
| OCR   | Office of Community Relations                         |
| OCR   | Optical Character Reader                              |
| OCS   | Outer Continental Shelf                               |
| OCSLA | Outer Continental Shelf Lands Act                     |
| OD    | Office of the Director                                |
| OD    | Operations Division (NEIC)                            |
| OD    | Organizational Development                            |
| OD    | Outside Diameter                                      |
| ODA   | Office of the Deputy Administrator                    |
| ODATS | Office Director Assignment Tracking System            |
| ODES  | Ocean Data Evaluation System                          |
| ODN   | Obligation Document Number                            |
| ODW   | Office of Drinking Water (OW)                         |
| OE    | Office of Enforcement                                 |
| OEA   | Office of External Affairs                            |
| OECD  | Organization for Economic Cooperation and Developm... |
| OECM  | Office of Enforcement and Compliance Monitoring       |
| OEET  | Office of Environmental Engineering and Technology... |
| OEOB  | Old Executive Office Building                         |
| OEP   | Office of Enforcement Policy (OECM)                   |
| OEP   | Office of External Programs                           |
| OEPER | Office of Environmental Processes and Effects Rese... |
| OER   | Office of Exploratory Research (ORD)                  |



## Acronyms & Abbreviations

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|         |  |
|---------|--|
| OERR    | Office of Emergency and Remedial Response (OSWER)      |
| OES     | Office of Executive Support (AO)                       |
| OF      | Optional Form  |
| OFA     | Office of Federal Activities (OEA)                     |
| OFPPA   | Office of Federal Procurement Policy Act               |
| OFSPS   | Office of Federal Statistical Policy and Standards     |
| OGC     | Office of General Counsel                              |
| OGE     | Office of Government Ethics                            |
| OGR     | Office of Government Relations (Regional)              |
| OGWP    | Office of Ground Water Protection (OW)                 |
| OHEA    | Office of Health and Environmental Assessment (ORD...) |
| OHEA    | Office of Health Effects Assessment                    |
| OHMTADS | Oil and Hazardous Materials Technical Assistance D...  |
| OHR     | Office of Health Research (ORD)                        |
| OHRM    | Office of Human Resources Management (OARM)            |
| OHSS    | Occupation Health and Safety Staff (OA)                |
| OI      | Office of Investigations                               |
| OIA     | Office of International Activities                     |
| OIG     | Office of Inspector General                            |
| OIL     | Office of Intergovernmental Liaison (OEA)              |
| OILHM   | Oil and Hazardous Material Information System          |
| OIRA    | Office of Information and Regulatory Affairs           |
| OIRM    | Office of Information Resources Management (OARM)      |
| OLA     | Office of Legislative Analysis (OEA)                   |
| OMB     | Office of Management and Budget                        |
| OMEP    | Office of Marine and Estuarine Protection (OW)         |
| OMMSQA  | Office of Modeling, Monitoring Systems and Quality...  |
| OMPC    | Office of Municipal Pollution Control (OW)             |
| OMPE    | Office of Management Planning and Evaluation (OPPE...) |
| OMS     | Office of Management Support (AO)                      |
| OMS     | Office of Mobile Sources (OA&R)                        |
| OMSE    | Office of Management Systems and Evaluation (OPPE)...  |
| OMTA    | Office of Management and Technical Assessment          |
| OO      | Operation Office (ORD)                                 |
| OP      | Operating Plan   |
| OPA     | Office of Policy Analysis (OPPE)                       |
| OPA     | Office of Public Affairs (OEA)                         |
| OPAC    | Overall Performance Appraisal Certification            |
| OPAR    | Office of Policy Analysis and Review (OAR)             |
| OPD     | Office of Program Development (OAR)                    |



## Acronyms & Abbreviations

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|          |   |
|----------|---|
| OPF      | Official Personnel Folder                             |
| OPFT     | Other Than Permanent Full Time                        |
| OPFTE    | Other Than Permanent Full Time Equivalent             |
| OPM      | Office of Program Management (OSWER)                  |
| OPME     | Office of Program Management and Evaluation (OPTS)... |
| OPMO     | Office of Program Management Operations (OPTS)(OAR... |
| OPMS     | Office of Program Management and Support (OSWER)      |
| OPMT     | Office of Program Management and Technology (OSWER... |
| OPP      | Office of Pesticide Programs (OPTS)                   |
| OPPAS    | OPP Administrative Support Systems                    |
| OPPE     | Office of Policy, Planning and Evaluation             |
| OPPI     | Office of Policy, Planning and Information (OSWER)... |
| OPPM     | Office of Policy and Program Management (OSWER)       |
| OPTS     | Office of Pesticides and Toxic Substances             |
| OPTS RTS | OPTS Regulation Tracking System                       |
| ORALTOX  | Acute Oral Toxicity for Birds, Mice, Rats             |
| ORC      | Office of Regional Counsel                            |
| ORD      | Office of Research and Development                    |
| ORDIS    | Office of Research and Development Information Sys... |
| ORM      | Other Regulated Material                              |
| ORMS     | Office Resources Management System                    |
| ORNL     | Oak Ridge National Laboratory                         |
| ORO      | Office of Regional Operations                         |
| ORP      | Office of Radiation Programs (OA&R)                   |
| ORPM     | Office of Research Program Management (ORD)           |
| ORS      | Office of Regulatory Support                          |
| ORSSA    | Office of Regulatory Support and Scientific Analys... |
| ORV      | Off-Road Vehicle                                      |
| OS/VS    | Operating System/Virtual Storage                      |
| OSC      | On-scene Coordinator                                  |
| OSC      | Options Selection Committee                           |
| OSDBU    | Office of Small and Disadvantaged Business Utiliza... |
| OSDH     | Oklahoma State Department of Health                   |
| OSHA     | Occupational Safety and Health Administration         |
| OSHA     | Occupational Safety and Health Administration         |
| OSM      | Office of Surface Mining (DOI)                        |
| OSR      | Office of Standards and Regulations (OPPE)            |
| OSTP     | Office of Science and Technology Policy               |
| OSW      | Office of Solid Waste (OSWER)                         |
| OSWER    | Office of Solid Waste and Emergency Response          |

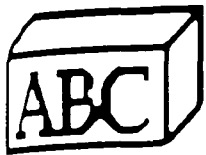




## Acronyms & Abbreviations

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|         |   |
|---------|---|
| OT      | Overtime  |
| OTA     | Office of Technology Assessment (U.S. Congress)       |
| OTP     | Office of Territorial Programs                        |
| OTS     | Office of Toxic Substances (OPTS)                     |
| OTS MTS | OTS Milestone Tracking System                         |
| OUO     | Official Use Only                                     |
| OUST    | Office of Underground Storage Tanks (OSWER)           |
| OW      | Office of Water                                       |
| OWCP    | Office of Workers Compensation Programs               |
| OWEP    | Office of Water Enforcement and Permits (OW)          |
| OWEP    | Oily Waste Extraction Program                         |
| OWP     | Office of Wetlands Protection (OW)                    |
| OWPE    | Office of Waste Programs Enforcement (OSWER)          |
| OWPO    | Office of Water Program Operations (OW)               |
| OWRS    | Office of Water Regulations and Standards (OW)        |
| Ox      | Total Oxidants  |
| OY      | Operating Year  |
| OYG     | Operating Year Guidance                               |
| OZIPP   | Kinetics Model and Ozone Isopleth Plotting Package    |
| OZIPPM  | Modified Ozone Isopleth Plotting Package              |
| P&A     | Precision & Accuracy                                  |
| PA      | Policy Analyst (OMS)                                  |
| PA      | Preliminary Assessment                                |
| PA      | Property Administrator                                |
| PA/SI   | Preliminary Assessment/Site Inspection                |
| PAA     | Priority Abatement Areas                              |
| PAAS    | Region 10 External Affairs Labels System              |
| PAD     | Planning and Analysis Division (OW)                   |
| PADRE   | Particulate Data Reduction                            |
| PAGM    | Permit Applicants Guidance Manual                     |
| PAH     | Polycyclic Aromatic Hydrocarbon                       |
| PAHO    | Pan American Health Organization                      |
| PAI     | Performance Audit Inspection (CWA)                    |
| PAID    | Plutonium Air Inhalation Dose                         |
| PAIR    | Preliminary Assessment Information Rule               |
| PAL     | Point, Area, and Line Source Air Quality Model        |
| PALDS   | PAL Model with Deposition and Settling of Pollutan... |
| PAN     | Peroxyacetyl Nitrate                                  |
| PAO     | Property Accountable Officer                          |
| PAPR    | Powered Air Purifying Respirator                      |



# Acronyms & Abbreviations

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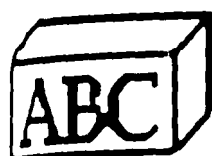
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|---------|---|
| PARACDS | Missing Parameter Codes                               |
| PARS    | Precision and Accuracy Reporting System               |
| PAS     | Policy Analysis Staff                                 |
| PASS    | Procurement Automated Source System (SBA)             |
| PAT     | Permit Assistance Team (RCRA)                         |
| PBB     | Polybrominated biphenyl                               |
| PBL     | Planetary Boundary Layer                              |
| PBLSQ   | The Lead Line Source (PBLSQ) Model                    |
| PC      | Personal Computer                                     |
| PC      | Planned Commitment                                    |
| PC      | Position Classification                               |
| PC      | Potential Carcinogen                                  |
| PC      | Pulverized Coal                                       |
| PC&B    | Personnel Compensation and Benefits                   |
| PCA     | Principal Component Analysis                          |
| PCB     | Polychlorinated biphenyl                              |
| PCCW    | Public Citizens Congress Watch                        |
| PCDD    | Polychlorinated dibenzodioxin                         |
| PCDF    | Polychlorinated dibenzofuran                          |
| PCE     | Perchloroethylene                                     |
| PCEE    | President's Commission on Executive Exchange          |
| pCi/l   | Picocuries Per Litre                                  |
| PCIE    | President's Council on Integrity and Efficiency in... |
| PCIO    | PC Information Officer                                |
| PCIOS   | Processor Common Input/Output System                  |
| PCM     | Phase Contrast Microscopy                             |
| PCMD    | Procurement and Contracts Management Division (OAR... |
| PCMI    | President's Council on Management Improvement         |
| PCO     | Printing Control Officer                              |
| PCON    | Potential Contractor                                  |
| PCP     | Pentachlorophenyl                                     |
| PCS     | Permanent Change of Station                           |
| PCS     | Permit Compliance System (CWA)                        |
| PCS     | Program Coordination Staff (OPTS)(ORD)                |
| PCSC    | PC Site Coordinator                                   |
| PCV     | Positive Crankcase Ventilation System                 |
| PD      | Permits Division (OW)                                 |
| PD      | Position Description                                  |
| PD      | Position Document                                     |
| PD      | Press Division (OEA)                                  |



## Acronyms & Abbreviations

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|           |   |
|-----------|---|
| PDAS      | Physiological Data Acquisition System                 |
| PDED      | Program Development and Evaluation Division (OW)      |
| PDFID     | Preconcentration Direct Flame Ionization Detection... |
| PDM       | Probabilistic Dilution Model                          |
| PDMS      | Pesticide Document Management System (OPP)            |
| PDR       | Particulate Data Reduction                            |
| PE        | Performance Evaluation                                |
| PE        | Program Element                                       |
| PEARL     | Portable Environmental Assessment and Research Lab... |
| PEAS      | Policy and External Affairs Staff (POSWER)            |
| PED       | Program Evaluation Division (OPPE)                    |
| PEFOS     | Program Evaluation and Field Operations Staff         |
| PEI       | Petroleum Equipment Institute                         |
| PEL       | Permissible Exposure Limit                            |
| PEL       | Personal Exposure Limit                               |
| PEM       | Partial Equilibrium Multimarket Model                 |
| PEM       | Personal Exposure Model                               |
| PEPE      | Prolonged Elevated Pollution Episode                  |
| PER7      | Region 7 Personnel System                             |
| PERF      | Police Executive Research Forum                       |
| PERMDATA  | PERMDATA Management System                            |
| PERS      | ERL-Ada Personnel System                              |
| PERSPROP  | Personal Property Data Entry and Report System        |
| PES       | Planning and Evaluation Staff (ORD)                   |
| PESC      | EMSL-Cinci Performance Evaluation System              |
| PEST      | Region 7 Nebraska Pesticide                           |
| PESTAN    | Pesticides Analytical Transport Solution              |
| PF        | Potency Factor  |
| PF        | Protection Factor                                     |
| PFLT      | Paint Filter Liquids Test                             |
| PFSS      | Pesticide Farmworker Safety Staff (OPTS)              |
| PFT       | Permanent Full Time                                   |
| PFTE      | Permanent Full Time Equivalent                        |
| PGD       | Policy and Grants Division (OPTS)                     |
| PHC       | Principal Hazardous Constituent                       |
| PHE       | Public Health Evaluation                              |
| PHEM      | Public Health Evaluation Manual                       |
| PHF       | Public Health Foundation                              |
| PHN       | Public Health Network                                 |
| PHONEBOOK | Region 3 Telephone Directory                          |



## Acronyms & Abbreviations

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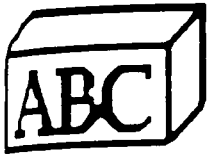
|         |   |
|---------|---|
| PHRED   | Public Health Risk Evaluation Database (OERR)         |
| PHS     | Public Health Service                                 |
| PHSA    | Public Health Service Act                             |
| PI      | Preliminary Injunction                                |
| PI      | Program Information                                   |
| PIAT    | Public Information Assist Team                        |
| PIC     | Pressurized Ion Chamber                               |
| PIC     | Products of Incomplete Combustion                     |
| PIC     | Public Information Center                             |
| PICO    | Pacific Islands Contact Office                        |
| PIGS    | Pesticides in Groundwater Strategy                    |
| PIMS    | Pesticide Incident Monitoring System                  |
| PIN     | Procurement Information Notice                        |
| PIP     | Public Involvement Program                            |
| PIQUIC  | Program Integration Project Queries Use in Interac... |
| PIRG    | Public Interest Research Group                        |
| PIRT    | Pretreatment Implementation Review Task Force         |
| PIRU    | Public Information Reference Unit                     |
| PIS     | Public Information Specialist                         |
| PITS    | Project Information Tracking System (OTS)             |
| PKSDD   | Probability Kriging to Spatially Distributed Data ... |
| PLIRRA  | Pollution Liability Insurance and Risk Retention A... |
| PLM     | Polarized Light Microscopy                            |
| PLPT    | Pretreatment Local Program Tracking System            |
| PLS     | Program Liaison Staff (ORD)                           |
| PLUME   | Outfall PLUME Model                                   |
| PLUME2D | Two-Dimensional Plumes in Uniform Ground Water Flo... |
| PLUME3D | Three-Dimensional Plumes in Uniform Ground Water F... |
| PLUVUE  | Plume Visibility Model                                |
| PM      | Particulate Matter                                    |
| PM      | Product Manager                                       |
| PM10    | Particulate Matter nominally 10m and less             |
| PM15    | Particulate Matter nominally 15m and less             |
| PMD     | Personnel Management Division (OARM)                  |
| PMD     | Planning and Management Division (regional)           |
| PMEL    | Pacific Marine Environment Laboratory                 |
| PMI     | Presidential Management Intern                        |
| PMIP    | Presidential Management Intern Program                |
| PMIS    | Personnel Management Information System               |
| PMN     | Premanufacture Notification (TSCA)                    |



## Acronyms & Abbreviations

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|       |  |
|-------|--|
| PMNF  | Premanufacture Notification Form (TSCA)        |
| PMO   | Program Management Office (OAR)                |
| PMOS  | Program Management and Operation Staff (OSWER) |
| PMR   | Pollutant Mass Rate                            |
| PMRK  | NEIC Permit Ranking System                     |
| PMRS  | Merit Pay System                               |
| PMRS  | Performance Management and Recognition System  |
| PMRS  | Performance Monitoring and Reporting System    |
| PMS   | Performance Management System                  |
| PMS   | Personnel Management Specialist                |
| PMS   | Planning and Management Staff (OAQPS)          |
| PMS   | Program Management Staff (OPPE)(OW)            |
| PMS   | Region 4 Position Management System            |
| PMSD  | Program Management and Support Division (OPTS) |
| PMSO  | Program Management and Support Office (OSWER)  |
| PMSS  | Policy and Management Support Staff (OW)       |
| PNA   | Polynuclear Aromatic Hydrocarbons              |
| PO    | Program Operations (OAR)                       |
| PO    | Project Officer                                |
| PO    | Purchase Order                                 |
| POA   | Program Office Approvals                       |
| POC   | Point of Compliance                            |
| POC   | Program Office Contacts                        |
| POE   | Point of Exposure                              |
| POGO  | Privately-Owned/Government Operated            |
| POHC  | Principal Organic Hazardous Constituent        |
| POI   | Point of Interception                          |
| POLRE | Pollution Report                               |
| POM   | Particulate Organic Matter                     |
| POM   | Polycyclic Organic Matter                      |
| POMO  | Program Operations and Management Office       |
| POR   | Program of Requirements                        |
| PORS  | Project Officer Record System                  |
| POS   | Program Operations Staff (ORD)                 |
| POSS  | Program Operations Support Staff (OARM)        |
| POTRK | Region 3 Purchase Order Tracking System        |
| POTW  | Publicly-owned treatment works                 |
| POV   | Privately Owned Vehicle                        |
| PP    | Pay Period                                     |
| PP    | Program Planning                               |



# Acronyms & Abbreviations

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|            |   |
|------------|---|
| PPA        | Pesticide Producers Association                       |
| PPA        | Planned Program Accomplishment                        |
| PPAS       | Personal Property Accountability System               |
| PPB        | Parts per billion                                     |
| PPBS       | Program Planning and Budget Staff (OGC)               |
| PPC        | Personal Protective Clothing                          |
| PPE        | Personal Protective Equipment                         |
| PPIS       | Pesticide Product Information System                  |
| PPM        | Parts per million                                     |
| PPMAP      | Power Planning Modeling Application Procedure         |
| PPMS       | Personal Property Management System                   |
| PPRS       | Program Planning and Review Staff                     |
| PPSP       | Power Plant Sitting Program                           |
| ppt        | Parts per trillion                                    |
| PPT        | Permanent Part Time                                   |
| ppth       | Parts per thousand                                    |
| PPU        | Pollution Prevention Office                           |
| PR         | Preliminary Review                                    |
| PR         | Procurement Request                                   |
| PRA        | Paperwork Reduction Act                               |
| PRA        | Planned Regulatory Action                             |
| PRAMS      | Paperwork Reduction Act Management System (PRAMS)     |
| PREPRZM    | Pesticide Root Zone Model                             |
| PRESTO-EPA | A Low-Level Radioactive Waste Environmental Transp... |
| PRI        | Periodic Reinvestigation                              |
| PRM        | Prevention Reference Manuals                          |
| PRMS       | Plans Review Management System                        |
| PROF       | Premixed One-Dimensional Flame Code                   |
| PRP        | Potentially Responsible Parties (CERCLA)              |
| PRS        | Procurement Tracking System                           |
| PRTYPOLS   | Priority Pollutants                                   |
| PRZM       | Pesticide Root Zone Model                             |
| PS         | Planning Staff (OPTS) (ORD)                           |
| PS         | Point Souce   |
| PS         | Preparedness Staff (OSWER)                            |
| PSAM       | Point Source Ambient Monitoring                       |
| PSD        | Prevention of Significant Deterioration (CAA)         |
| PSD        | Program Systems Division (OIRM)                       |
| PSDL       | Region 4 PSD Log System                               |
| PSE        | Program Sub-element                                   |



## Acronyms & Abbreviations

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|            |  |
|------------|--|
| PSES       | Pretreatment Standards for Existing Sources            |
| PSEUDO-HWD | HWDMS-SAS  |
| PSI        | Pollutant Standards Index                              |
| PSI        | Pounds Per Square Inch (Pressure)                      |
| PSI        | Pressure per square inch                               |
| PSIG       | Pressure per square inch gauge                         |
| PSM        | Point Source Modeling                                  |
| PSNS       | Pretreatment Standards for New Sources                 |
| PSP        | Payroll Savings Plan                                   |
| PSPD       | Permits and State Programs Division (OSWER)            |
| PSS        | Personnel Security Staff (OEA)                         |
| PSS        | Personnel Staffing Specialist                          |
| PSS        | Physical Security Specialist                           |
| PSS        | Program Support Staff                                  |
| PSTN       | Pesticide Safety Team Network                          |
| PT         | Part Time  |
| PTAT       | Pesticides, Toxics and Air Team (ORD)                  |
| PTDIS      | Single Stack Meteorological Model in EPA UNAMAP S...   |
| PTE        | Potential to Emit                                      |
| PTFE       | Polytetrafluoroethylene (Teflon)                       |
| PTMAX      | Single Stack Meteorological Model in EPA UNAMAP S...   |
| PTMTP      | Multistack Meteorological Model in EPA UNAMAP Serie... |
| PTPLU      | Point Source Gaussian Diffusion Model                  |
| PTS        | Project Tracking System                                |
| PTSD       | Pesticides and Toxic Substances Division (OCS)         |
| PTSED      | Pesticides and Toxic Substances Enforcement Divisi...  |
| PUC        | Public Utility Commission                              |
| PV         | Project Verification                                   |
| PVC        | Polyvinyl Chloride                                     |
| PWEP       | Oily Waste Extraction Program                          |
| PWS        | Public Water Supply                                    |
| PWS        | Public Water System (SDWA)                             |
| PWSS       | Public Water Supply System (SDWA)                      |
| PY         | Prior Year   |
| QA         | Quality Assurance                                      |
| QA/QC      | Quality Assistance/Quality Control                     |
| QAC        | Quality Assurance Coordinator                          |
| QAFILE     | Ambient Quality Assurance Data Base                    |
| QAMIS      | Quality Assurance Management and Information Syste...  |
| QAMS       | Quality Assurance Management Staff (ORD)               |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| QAO     | Quality Assurance Officer (OAR)                       |
| QAPP    | Quality Assurance Project Plan                        |
| QASRCE  | EMSL-RTP Quality Assurance Data System                |
| qBtu    | Quadrillion British Thermal Units                     |
| QC      | Quality Control                                       |
| QCA     | Quiet Communities Act                                 |
| QCI     | Quality Control Index                                 |
| QCP     | Quiet Community Program                               |
| QCSDS   | Quality Control Sample Distribution                   |
| QL      | Quantitation Limit                                    |
| QNCR    | Quarterly Noncompliance Report                        |
| QSI     | Quality Step Increase                                 |
| QUAL-II | Stream Quality Model                                  |
| QUAL2E  | Enhanced Stream Water Quality Model                   |
| QUAL2EU | Enhanced Stream Water Quality Model + Uncertainty ... |
| R&D     | Research and Development                              |
| RA      | Reasonable Alternative                                |
| RA      | Regional Administrator                                |
| RA      | Regulatory Alternative                                |
| RA      | Regulatory Analysis                                   |
| RA      | Remedial Action                                       |
| RA      | Resource Allocation                                   |
| RA      | Risk Analysis   |
| RA      | Risk Assessment                                       |
| RAATS   | RCRA Administrative Action Tracking System            |
| RAC     | Radiation Advisory Committee (SAB)                    |
| RAC     | Regional Asbestos Coordinator                         |
| RACF    | Resource Access Control Facility (NCC systems secu... |
| RACM    | Reasonably Available Control Measures                 |
| RACS    | Reiter Acoustic Startle                               |
| RACT    | Reasonably Available Control Technology               |
| RAD     | Radiation   |
| RADM    | Random Walk Advection and Dispersion Model            |
| RADM    | Regional Acid Deposition Model                        |
| RADRISK | Radionuclide Dose Rate/Risk                           |
| RADX    | ORD-Cinci Radiation Exposure Tracking System          |
| RAM     | Urban Air Quality Model for Point and Area Souces ... |
| RAMP    | Rural Abandoned Mine Program                          |
| RAMS    | Regional Air Monitoring System                        |
| RAP     | Radon Action Program                                  |





## Acronyms & Abbreviations

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|           |  |
|-----------|--|
| RAP       | Remedial Accomplishment Plan                           |
| RAPS      | ASRL-RTP Regional Air Pollution Study                  |
| RARG      | Regulatory Analysis Review Group                       |
| RAS       | Routine Analytical Services                            |
| RAT       | Relative Accuracy Test                                 |
| RB        | Red Border   |
| RBC       | Red Blood Cells  |
| RC        | Regional Counsel                                       |
| RC        | Responsibility Center                                  |
| RCA       | Responsibility Center A (OAA/OPMO)                     |
| RCB       | Responsibility Center B (OTLIP)                        |
| RCC       | Radiation Coordinating Council                         |
| RCDO      | Regional Case Development Officer                      |
| RCF       | Responsibility Center F (OPA)                          |
| RCM       | Responsibility Center Monthly                          |
| RCP       | Research Centers Program (ORD)                         |
| RCP       | Regional Contingency Plan                              |
| RCRA      | Resource Conservation and Recovery Act                 |
| RCRC      | Regional Cost Recovery Coordinator                     |
| RCRIS     | Resource Conservation & Recovery Information System... |
| RCS       | Computer Timesharing Resource Control System           |
| RD        | Registration Division (OPTS)                           |
| RD        | Remedial Design (CERCLA)                               |
| RD&D      | Research Development and Demonstration                 |
| RDF       | Refuse-Derived Fuel                                    |
| rDNA      | Recombinant DNA  |
| RDS-HWDMS | National Hazardous Waste Data Management Systems       |
| RDU       | Regional Decision Unit                                 |
| RE        | Reasonable Efforts                                     |
| RE        | Reportable Event                                       |
| READ      | Regulatory and Economics Analysis Division             |
| REAG      | Reproductive Effects Assessment Group (ORD)            |
| REAP      | Regional Enforcement Activities Plan                   |
| REAS      | Regional Enforcement and Superfund System              |
| RECALLDB  | Recall Data Base                                       |
| RECEIV-II | Receiving Water Model                                  |
| RED       | RCRA Enforcement Division (OSWER)                      |
| REE       | Rare Earth Elements                                    |
| REEP      | Reasonable Extra Efforts Program                       |
| REEP      | Review of Environmental Effects of Pollutants          |



# Acronyms & Abbreviations

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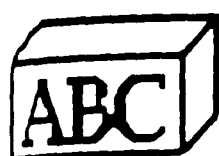
|         |   |
|---------|---|
| REF     | Reference   |
| REIT    | HERL-RTP Reiter Maze System                           |
| REM     | Roentgen Equivalent, Man                              |
| REM/FIT | Remedial/Field Investigation Team                     |
| REMARC  | Resource Entry, Management, Accountability and Rep... |
| REMS    | RCRA Enforcement Management System                    |
| REP     | Reasonable Efforts Program                            |
| REPR    | Real Estate Planning Report                           |
| REPRISK | High Level Radioactive Waste-Repository Risk Model    |
| REPS    | Regional Emissions Projection System                  |
| RESOLVE | Center for Environmental Conflict Resolution (CF)     |
| REXS    | Report on Executive Staffing                          |
| RF      | Radio Frequency                                       |
| RF      | Response Factor                                       |
| RFA     | RCRA Facility Assessment (RCRA)                       |
| RFA     | Regulatory Flexibility Act                            |
| RFB     | Request for Bids                                      |
| RfD     | Reference Dose  |
| RfDdt   | Developmental RfD                                     |
| RFD     | Reference Dose Values                                 |
| RFI     | Remedial Facility Investigation                       |
| RFP     | Reasonable Further Progress                           |
| RFP     | Request for Proposal                                  |
| RFQ     | Request for Quote                                     |
| RGICS   | Region 7 Version of Region 5 Grants Information an... |
| RGS     | Research Grants Staff (ORD)                           |
| RI      | Reconnaissance Inspection (CWA)                       |
| RI      | Remedial Investigation                                |
| RI/FS   | Remedial Investigation/Feasibility Study (CERCLA)     |
| RIA     | Regulatory Impact Analysis                            |
| RIA     | Regulatory Impact Analysis Facility Profile           |
| RIA     | Regulatory Impact Assessment                          |
| RIC     | Radon Information Council                             |
| RIC     | RTP Information Center                                |
| RICC    | Retirement Information and Counseling Center          |
| RICO    | Racketeer Influenced and Corrupt Organizations Act... |
| RID     | Regulatory Integration Division (OPPE)                |
| RIF     | Reduction in Force                                    |
| RIM     | Regulatory Interpretation Memorandum                  |
| RIMD    | Regulation and Information Management Division (OP... |



## Acronyms & Abbreviations

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|           |  |
|-----------|--|
| RIN       | Regulatory Identifier Number                           |
| RIP       | RCRA Implementation Plan                               |
| RIS       | Regulatory Innovations Staff (OPPE)                    |
| RISC      | Regulatory Information Service Center (OMB)            |
| RITA      | Relocation Income Tax Allowance                        |
| RITZ      | Regulator and Treatment Zone Model                     |
| RJE       | Remote Job Entry                                       |
| RLAB      | Region 4 Labels System                                 |
| RLL       | Rapid and Large Leakage (Rate)                         |
| RMAO      | Resources Management and Administrative Office (OW...) |
| RMCL      | Recommended Maximum Contaminant Levels (SDWA)          |
| RMDHS     | Regional Model Data Handling System                    |
| RMDS      | Resource Management Directives System                  |
| RME       | Reasonable Maximum Exposure                            |
| RMIS      | Resources Management Information System                |
| RMIS/BARS | Resource Management Information System/Budget Anal...  |
| RMO       | Records Management Officer                             |
| RMP       | Radon/Radon Progeny Measurement Proficiency Progra...  |
| RMS       | Region 10 Resource Management System                   |
| RMS       | Resource Management Staff (OSWER)                      |
| RNA       | Ribonucleic Acid                                       |
| RO        | Regional Office  |
| ROADCHEM  | ROADWAY Version (including reactions of NO, NO2, ...)  |
| ROADWAY   | A Model to Predict Pollutant Concentrations Near a...  |
| ROC       | Record of Communication                                |
| ROD       | Record of Decisions                                    |
| ROG       | Reactive Organic Gases                                 |
| ROLLBACK  | A Proportional Reduction Model                         |
| ROM       | Regional Oxidant Model                                 |
| ROMCOE    | Rocky Mountain Center on Environment                   |
| ROP       | Regional Oversight Policy                              |
| ROPA      | Record of Procurement Action                           |
| RP        | Respirable Particulates                                |
| RP        | Responsible Party                                      |
| RPAR      | Rebuttable Presumption Against Registration (FIFRA...) |
| RPD       | Regulatory Policy Division (OPPE)                      |
| RPIO      | Responsible Planning and Implementation Officer        |
| RPM       | Reactive Plume Model                                   |
| RPM       | Remedial Project Manager (CERCLA)                      |
| RPM       | Revolutions Per Minute                                 |



## Acronyms & Abbreviations

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|        |  |
|--------|--|
| RPO    | Regional Planning Officer                              |
| RPO    | Regional Program Officer (RCRA/CERCLA)                 |
| RPS    | Remedial Planning Staff (OSWER)                        |
| RPTS   | Regional Priority Tracking System                      |
| RQs    | Reportable Quantities                                  |
| RQ     | Reportable Quantity                                    |
| RRC    | Regional Response Center                               |
| RRS    | Regulatory Reform Staff (OPPE)                         |
| RRT    | Regional Response Team                                 |
| RRT    | Requisite Remedial Technology                          |
| RSCC   | Regional Sample Control Center                         |
| RSKERL | Robert S. Kerr Environmental Research Laboratory (...) |
| RSMD   | Resource Systems Management Division (OC)              |
| RSPA   | Research and Special Programs Administration           |
| RSS    | Regional Services Staff (ORD)                          |
| RT     | Regional Total   |
| RTCM   | Reasonable Transportation Control Measures             |
| RTD    | Return to Duty   |
| RTDM   | Rough Terrain Diffusion Model                          |
| RTECS  | Registry of Toxic Effects of Chemical Substances       |
| RTel   | OA-RTP FTS Telephone System                            |
| RTM    | Regional Transport Model                               |
| RTP    | Research Triangle Park (North Carolina)                |
| RTS    | Regulation Tracking System                             |
| RUP    | Restricted Use Pesticide (FIFRA)                       |
| RVP    | Reid Vapor Pressure                                    |
| RWC    | Residential Wood Combustion                            |
| RX75   | Region 10 Laboratory Management System                 |
| S&A    | Surveillance and Analysis                              |
| S&A    | Sampling and Analysis                                  |
| S&E    | Salaries and Expenses                                  |
| S/TCAC | Scientific/Technical Careers Advisory Committee        |
| SA     | Special Assistant                                      |
| SA     | Sunshine Act   |
| SAAMS  | Sample Analyses and Management System, Region 4        |
| SAB    | Science Advisory Board (AO)                            |
| SAC    | Secretarial Advisory Committee                         |
| SAC    | Support Agency Coordinator                             |
| SAC    | Suspended and Canceled Pesticides (FIFRA)              |
| SAD    | EMSL-RTP Acid Rain System                              |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| SADAA   | Science Assistant to the Deputy Assistant Administ... |
| SAE     | Society of Automotive Engineers                       |
| SAEWG   | Standing Air Emission Work Group (OAR)                |
| SAIC    | Special-Agents-In-Charge (NEIC)                       |
| SAIP    | Systems Acquisition and Implementation Program        |
| SAMAC   | Standing AIRS Management Advisory Committee (OAR)     |
| SAMWG   | Standing Air Monitoring Work Group                    |
| SANE    | Sulfur and Nitrogen Emissions                         |
| SANSS   | Structure and Nomenclature Search System              |
| SAP     | Sampling and Analysis Plan                            |
| SAP     | Scientific Advisory Panel                             |
| SAP     | Special Access Program                                |
| SAPCD   | Sacramento Air Pollution Control District             |
| SAR     | Start Action Request                                  |
| SAR     | Structural Activity Relationship                      |
| SARA    | Superfund Amendments and Reauthorization Act of 19... |
| SAROAD  | Storage and Retrieval of Aerometric Data / AIRS       |
| SAS     | Special Analytical Services                           |
| SAS     | Statistical Analysis System                           |
| SASD    | Strategies and Air Standards Division (OAR)           |
| SASS    | Source Assessment Sampling System                     |
| SATO    | Scheduled Airline Traffic Office                      |
| SBA     | Small Business Act                                    |
| SBA     | Small Business Administration                         |
| SBI     | Special Background Investigation                      |
| SBO     | Senior Budget Officer                                 |
| SBO     | Small Business Ombudsman (OSDBU)                      |
| SC      | Sierra Club   |
| SC      | Steering Committee                                    |
| SCAB    | South Coast Air Basin                                 |
| SCAC    | Support Careers Advisory Committee                    |
| SCAP    | Superfund Comprehensive Accomplishments Plan (CERC... |
| SCBA    | Self-Contained Breathing Apparatus                    |
| SCC     | Source Classification Code                            |
| SCFM    | Standard cubic feet per minute                        |
| SCI     | Sensitive Compartmented Information                   |
| SCLDF   | Sierra Club Legal Defense Fund                        |
| SCORPIO | Subject Content Oriented Retriever for Processing ... |
| SCR     | Selective Catalytic Reduction                         |
| SCRAM   | State Consolidated RCRA Authorization Manual          |



## Acronyms & Abbreviations

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|       |   |
|-------|---|
| SCRC  | (RCRA...  |
| SCRIP | Superfund Community Relations Coordinator (OSWER)     |
| SCS   | Superfund Community Relations Program (OSWER)         |
| SCS   | Soil Conservation Service                             |
| SCS   | Supplementary Control Strategy                        |
| SCSA  | Supplementary Control System                          |
| SCSP  | Soil Conservation Society of America                  |
|       | Storm and Combined Sewer Program                      |
| SCW   | Supercritical Water Oxidation                         |
| SD    | Standard Deviation                                    |
| SDBE  | Small Disadvantages Business Enterprise               |
| SDBUS | Small and Disadvantaged Business Utilization Speci... |
| SDC   | Systems Decision Plan                                 |
| SDCM  | Dry standard cubic meter                              |
| SDI   | Subchronic Daily Intake                               |
| SDWA  | Safe Drinking Water Act                               |
| SEA   | State Enforcement Agreement                           |
| SEA   | State/EPA Agreement                                   |
| SEAM  | Superfund Exposure Assessment Manual                  |
| SEAM  | Surface, Environment, and Mining                      |
| SEAS  | Strategic Environmental Assessment System             |
| SEB   | Source Evaluation Board                               |
| SEC   | Securities and Exchange Commission                    |
| SEC   | Senior Enforcement Counsel (OECM)                     |
| SEE   | Senior Environmental Employment                       |
| SEIA  | Socioeconomic Impact Analysis                         |
| SEM   | Scanning Electron Microscope                          |
| SEP   | Special Emphasis Program (OCR)                        |
| SEPWC | Senate Environment and Public Works Committee         |
| SER   | Society for Epidemiologic Research                    |
| SERC  | State Emergency Response Commission                   |
| SERF  | Systems Enhancement Request Form                      |
| SERS  | SES and Executive Resources Staff (OHRM)              |
| SES   | Secondary Emissions Standard                          |
| SES   | Senior Executive Service                              |
| SES   | Socioeconomic Status                                  |
| SETS  | Site Enforcement Tracking System                      |
| SETS  | Superfund Enforcement Tracking System                 |
| SF    | Slope Factor  |
| SF    | Standard Form   |



## Acronyms & Abbreviations

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|        |  |
|--------|--|
| SF     | Superfund  |
| SF-52  | SF-52 Personnel Management Tracking System             |
| SFA    | Spectral Flame Analyzers                               |
| SFFAS  | Superfund Financial Assessment System                  |
| SFIREG | State FIFRA Issues Research and Evaluation Group (...) |
| SFO    | Servicing Finance Office                               |
| SGL    | Standard General Ledger                                |
| SHORTZ | Short Term Terrain Model                               |
| SHWL   | Seasonal High Water Level                              |
| SI     | International Systems of Units                         |
| SI     | Site Inspection  |
| SI     | Spark Ignition   |
| SIBAC  | Simplified Intragovernmental Billing and Collectio...  |
| SIC    | Standard Industrial Classification                     |
| SIC    | Standard Industrial Code                               |
| SICEA  | Steel Industry Compliance Extension Act                |
| SIEFA  | Source Inventory Emission Factor Analysis              |
| SIMS   | Secondary Ion-Mass Spectrometry                        |
| SIP    | State Implementation Plan (CAA)                        |
| SIRMO  | Senior Information Resources Management Officer        |
| SIS    | Science Integration Staff (OPTS)                       |
| SIS    | Secretarial Information System                         |
| SIS    | Stay in School   |
| SITE   | Superfund Innovative Technology Evaluation             |
| SITS   | Site Investigation Tracking System                     |
| SL     | Sick Leave   |
| SLAMS  | State/Local Air Monitoring Station                     |
| SLANG  | Selected Letter and Abbreviated Name Guide             |
| SLAPS  | St. Louis Air Pollution Study                          |
| SLD    | Special Litigation Division (OECM)                     |
| SLPD   | State and Local Planning Division                      |
| SLS    | Superfund Label System                                 |
| SLSM   | Simple Line Source Model                               |
| SM/HD  | Survey Meter and Historical Dosimetry Data Base        |
| SMCL   | Secondary Maximum Contaminant Level                    |
| SMCRA  | Surface Mining Control and Reclamation Act of 1977...  |
| SME    | Subject Matter Expert                                  |
| SMO    | Sample Management Office                               |
| SMOA   | Superfund Memorandum of Agreement                      |
| SMS    | Security Management Section                            |



## Acronyms & Abbreviations

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|                 |   |
|-----------------|---|
| SMSA            | Standard Metropolitan Statistical Area                |
| SNA             | System Network Architecture                           |
| SNAAQs          | Secondary National Ambient Air Quality Standards      |
| SNAP            | Significant Noncompliance Action Program              |
| SNARL           | Suggested No Adverse Response Level                   |
| SNARS           | Spill Notification and Response System                |
| SNC             | Significant Noncompliers                              |
| SNUR            | Significant New Use Rule (TSCA)                       |
| SO <sub>2</sub> | Sulfur Dioxide  |
| SOC             | Synthetic Organic Chemicals                           |
| SOCMA           | Synthetic Organic Chemical Manufacturers Associati... |
| SOCMI           | Synthetic Organic Chemical Manufacturing Industry     |
| SOP             | Standard Operating Procedures                         |
| SORTST          | Region 1 Source Test File                             |
| SOTDAT          | Source Test Data                                      |
| SOV             | Single Occupancy Vehicle                              |
| SOW             | Scope of Work   |
| SOW             | Statement of Work                                     |
| SO <sub>x</sub> | Sulfur Oxides   |
| SPAD            | Special Programs and Analysis Division (OEA)          |
| SPAR            | Status of Permit Application Report                   |
| SPATS           | Small Purchase Automated Tracking System              |
| SPCC            | Spill Prevention, Containment and Countermeasures ... |
| SPD             | State Programs Division (OW)                          |
| SPE             | Secondary Particulate Emissions                       |
| SPECS           | Specifications  |
| SPF             | Structured Programming Facility                       |
| SPHEM           | Superfund Public Health Evaluation Manual             |
| SPHI            | OSW Sludge Program-Health Impacts                     |
| SPI             | Strategic Planning Initiative                         |
| SPLMD           | Soil-pore Liquid Monitoring Device                    |
| SPM             | Special Purpose Monitoring                            |
| SPMB            | Security and Property Management Branch               |
| SPMS            | Special Purpose Monitoring Stations                   |
| SPMS            | Strategic Planning and Management System              |
| SPO             | Servicing Personnel Officers                          |
| SPOC            | Single Points of Contact                              |
| SPS             | Safety Plan System                                    |
| SPS             | State Permit System                                   |
| SPSS            | Statistical Package for the Social Sciences           |





## Acronyms & Abbreviations

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|          |   |
|----------|---|
| SPTS     | Small Purchase Tracking System                        |
| SPUR     | Software Package for Unique Reports                   |
| SQAO     | Reg 5 Toxics Monitoring System                        |
| SQBE     | Small Quantity Burner Exemption (RCRA)                |
| SQG      | Small Quantity Generator (RCRA)                       |
| SRAP     | Superfund Remedial Accomplishment Plan                |
| SRC      | Solvent Refined Coal                                  |
| SRM      | Standard Reference Method                             |
| SRU      | System Resource Unit                                  |
| SS       | Settleable Solids                                     |
| SS       | Superfund Surcharge                                   |
| SSA      | Sole Source Aquifer                                   |
| SSAC     | Soil Site Assimulated Capacity                        |
| SSAN     | Social Security Account Number                        |
| SSC      | Scientific Support Coordinator                        |
| SSC      | State Superfund Contracts: (OSWER)                    |
| SSCD     | Stationary Source Compliance Division (OA&R, RTP)     |
| SSD      | Standards Support Document                            |
| SSEIS    | Standard Support and Environmental Impact Statemen... |
| SSEIS    | Stationary Source Emissions and Inventory System      |
| SSI      | Size Selective Inlet                                  |
| SSIS     | Store Stock Inventory / Accounting System             |
| SSMS     | Spark Source Mass Spectroscopy                        |
| SSN      | Social Security Number                                |
| SSO      | Source Selection Official                             |
| SSO      | Support Services Office                               |
| SSS      | Security Support Staff                                |
| SSS      | Strategic Studies Staff (OPPE)                        |
| SST      | Supersonic Transport                                  |
| SSURO    | Stop Sale, Use and Removal Order (FIFRA)              |
| STALAPCO | State and Local Air Pollution Control Officials       |
| STAPPA   | State and Territorial Air Pollution Program Admini... |
| STAR     | Stability Wind Rose                                   |
| STAR     | State Acid Rain Projects                              |
| STARA    | Studies on Toxicity Applicable to Risk Assessment     |
| STARS    | Superfund Transactions Automated Retrieval System     |
| STATUS   | Region 4 Status of GSA Orders                         |
| STC      | Short-term Concentration                              |
| STDMS    | Sample Tracking and Data Management System            |
| STEL     | Short Term Exposure Limit                             |



## Acronyms & Abbreviations

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|         |   |
|---------|---|
| STEM    | Scanning Transmission-Electron Microscopy             |
| STN     | Scientific and Technical Information Network          |
| STORAGE | CSSD-Cinci(EMSAC) Disk Storage Annual Report          |
| STORET  | Storage and Retrieval of Water Quality Information    |
| STP     | Sewage Treatment Plant                                |
| STP     | Standard Temperature and Pressure                     |
| SUP     | Standard Unit of Processing                           |
| SUPTRK  | Superfund Site Tracking Information System            |
| SURE    | Sulfate Regional Experiment Program                   |
| SV      | Sampling Visit  |
| SVE     | Society of Vector Ecologists                          |
| SVOC    | Semivolatile Organic Chemical                         |
| SW      | Slow Wave   |
| SWAG    | Simulated Waste Access To Ground Water                |
| SWC     | Settlement With Conditions                            |
| SWDA    | Solid Waste Disposal Act                              |
| SWE     | Society of Women Engineers                            |
| SWERD   | Solid Waste and Emergency Response Division (OGC)     |
| SWETS   | Safe Water Enforcement Tracking                       |
| SWIE    | Southern Waste Information Exchange                   |
| SWMM    | Storm Water Management Model                          |
| SWMU    | Solid Waste Management Unit                           |
| SYSOP   | Systems Operator                                      |
| T&A     | Time and Attendance                                   |
| T-R     | Transformer-Rectifier                                 |
| TA      | Travel Authorization                                  |
| TACB    | Texas Air Control Board                               |
| TAFPD   | Technical Assessment and Fraud Prevention Division... |
| TALMS   | Tunable Atomic Line Molecular Spectroscopy            |
| TAMPER  | Anti-tampering and Fuel-switching Information Syst... |
| TAMS    | Toxic Air Monitoring System                           |
| TAMTAC  | Toxic Air Monitoring Technical Advisory Committee     |
| TAO     | TSCA Assistance Office (OPTS)                         |
| TAP     | Technical Assistance Program                          |
| TAPDS   | Toxic Air Pollutant Data System                       |
| TAPP    | Time and Attendance, Personnel, Payroll               |
| TAPPI   | Technical Association of the Pulp and Paper Indust... |
| TAS     | Terminal Access System                                |
| TAT     | Technical Assistance Team                             |
| TBI     | Throttle Body Injection Systems                       |



## Acronyms & Abbreviations

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|       |   |
|-------|---|
| TBT   | Tributyltin                                       |
| TC    | Target Concentration                              |
| TC    | Technical Center                                  |
| TC    | Toxic Concentration                               |
| TCAS  | Telephone Call Analysis System                    |
| TCDD  | Dioxin (Tetrachlorodibenzo-p-dioxin)              |
| TCDF  | Tetrachlorodibenzofurans                          |
| TCE   | Trichloroethylene                                 |
| TCL   | Target Compound List                              |
| TCLP  | Toxicity Characteristic Leaching Procedure (RCRA) |
| TCM   | Texas Climatological Model                        |
| TCM   | Transportation Control Measure                    |
| TCP   | Transportation Control Plan                       |
| TCP   | Trichloroethylene                                 |
| TCP   | Trichloropropane                                  |
| TCRI  | Toxic Chemical Release Inventory                  |
| TCTS  | EMSL-Vegas Time Card Tracking System              |
| TD    | Toxic Dose  |
| TDH   | Texas Department of Health                        |
| TDS   | Total Dissolved Solids                            |
| TDTOX | Tetradichloroxylene                               |
| TDY   | Temporary Duty                                    |
| TEAM  | Total Exposure Assessment Methodology             |
| TEC   | Technical Evaluation Committee                    |
| TEG   | Tetraethylene Glycol                              |
| TEGD  | Technical Enforcement Guidance Document           |
| TEM   | Texas Episodic Model                              |
| TEM   | Transmission Electron Microscopy                  |
| TEP   | Technical Evaluation Panel                        |
| Term  | Definition/Use                                    |
| TES   | Technical Enforcement Support                     |
| TEXIN | Texas Intersection Air Quality Model              |
| TFCS  | Treasury Financial Communications System          |
| TFMS  | Treasury File Management System                   |
| TFT   | Temporary Full Time                               |
| TFTE  | Temporary Full Time Equivalent                    |
| TGO   | Total Gross Output                                |
| THC   | Total Hydrocarbons                                |
| THM   | Trihalomethane                                    |
| TI    | Temporary Intermittent                            |



## Acronyms & Abbreviations

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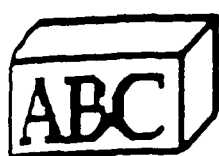
|         |   |
|---------|---|
| TIBL    | Thermal Internal Boundary Layer                       |
| TIC     | Technical Information Coordinator                     |
| TIC     | Tentatively Identified Compounds                      |
| TIM     | Technical Information Manager                         |
| TIP     | Transportation Improvement Program                    |
| TIS     | Technical Information Staff                           |
| TISE    | Take It Somewhere Else (Solid Waste Syndrome. See...  |
| TITC    | TSCA Interagency Testing Committee                    |
| TLD     | Thermoluminescent Dosimetry Data Base                 |
| TLD     | Toxics Litigation Division (OECM)                     |
| TLV     | Threshold Limit Value                                 |
| TMAC    | Time Accounting System                                |
| TMC     | Travel Management Center                              |
| TMI     | Three Mile Island                                     |
| TMI RAD | Three Mile Island Environmental Radiation             |
| TMS     | FMD Travel Management System                          |
| TNSS    | Region 7 TOSCA Neutral Selection                      |
| TNT     | Trinitrotoluene                                       |
| TO      | Task Order  |
| TO      | Travel Order  |
| TOA     | Trace Organic Analysis                                |
| TOC     | Total Organic Carbon                                  |
| TOC     | Total Organic Compound                                |
| TOPSY   | Toxics and Pesticides Management System               |
| TOT     | Time-of-Travel  |
| TOX     | Total Organic Halogens                                |
| TOX     | Tetradichloroxylene                                   |
| TOXFLO  | Urban Wastewater Toxics Flow Model                    |
| TPC     | Testing Priorities Committee                          |
| TPD     | Technical Programs Division (ORD)                     |
| TPD     | Toxics and Pesticide Division (ORD)                   |
| TPI     | Technical Proposal Instructions                       |
| TPQ     | Threshold Planning Quantity                           |
| TPSIS   | Transportation Planning Support Information System... |
| TPTH    | Triphenyltinhydroxide                                 |
| TPY     | Tons per year   |
| TQM     | Total Quality Management                              |
| TR      | Transportation Request                                |
| TRAV    | Travel System   |
| TRC     | Technical Review Committee                            |



## Acronyms & Abbreviations

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|        |   |
|--------|---|
| TRD    | Technical Resources Document                          |
| TRI    | Toxic Chemical Release Inventory                      |
| TRI    | Toxic Release Inventory                               |
| TRIANA | Triana Medical Claims Information System              |
| TRIP   | Toxic Release Inventory Program                       |
| TRIS   | Toxic Chemical Release Inventory System               |
| TRLN   | Triangle Research Library Network                     |
| TRO    | Temporary Restraining Order                           |
| TRRP   | Trends Report   |
| TRS    | Total Reduced Sulfur                                  |
| TRSC   | Total Reduced Sulfur Compounds                        |
| TS     | Toxic Substances                                      |
| TSA    | Technical Systems Audit                               |
| TSC    | Toxic Substances Coordinator                          |
| TSC    | Transportation Systems Center                         |
| TSCA   | Toxic Substances Control Act                          |
| TSCATS | TSCA Test Submissions Database (OTS)                  |
| TSCC   | Toxic Substances Coordinating Committee               |
| TSD    | Technical Support Division (OQAPS)                    |
| TSD    | Technical Support Document                            |
| TSD    | Treatment, Storage, and Disposal Facilities           |
| TSDF   | Air Emissions from Treatment Storage and Disposal ... |
| TSDF   | Treatment, Storage & Disposal Facility (RCRA)         |
| TSDG   | Toxic Substances Dialogue Group                       |
| TSM    | Transportation System Management                      |
| TSO    | Time Sharing Option                                   |
| TSP    | Teleprocessing Services Program                       |
| TSP    | Thrift Savings Plan                                   |
| TSP    | Total Suspended Particulates                          |
| TSS    | Technical Services Staff (OEA)                        |
| TSS    | Terminal Security System                              |
| TSS    | Total Suspended Solids                                |
| TSS    | Technical Support Staff (OAR)                         |
| TSSMS  | Time Sharing Services Management System               |
| TTFA   | Target Transformation Factor Analysis                 |
| TTHM   | Total Trihalomethane                                  |
| TTO    | Total Toxic Organics                                  |
| TTS    | TRI Tracking System                                   |
| TTY    | Teletypewriter  |
| TUCC   | Triangle University Computer Center                   |



## Acronyms & Abbreviations

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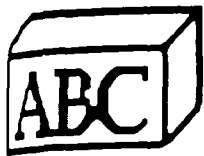
|        |   |
|--------|---|
| TV     | Travel Voucher  |
| TVA    | Tennessee Valley Authority                            |
| TWA    | Time Weighted Authority                               |
| TWC    | Texas Water Commission                                |
| TWMD   | Toxics and Waste Management Division (regional)       |
| TZ     | Treatment Zone  |
| UAC    | User Advisory Committee                               |
| UAM    | Urban Airshed Model                                   |
| UAPSP  | Utility Acid Precipitation Study Program              |
| UAQI   | Uniform Air Quality Index                             |
| UARG   | Utility Air Regulatory Group                          |
| UCC    | Ultra Clean Coal                                      |
| UCL    | Upper Control Limit                                   |
| UDMH   | Unsymmetrical Dimethyl Hydrazine                      |
| UEL    | Upper Explosive Limit                                 |
| UFL    | Upper Flammability Limit                              |
| UIC    | Underground Injection Control (SDWA)                  |
| UICTS  | UIC Tracking System                                   |
| UL     | Underwriter's Laboratories                            |
| ULP    | Unfair Labor Practice                                 |
| UMP    | Upward Mobility Program                               |
| UMTA   | Urban Mass Transportation Administration              |
| UMTRCA | Uranium Mill Tailings Radiation Control Act           |
| UN     | United Nations  |
| UNAMAP | Users' Network for Applied Modeling of Air Polluti... |
| UNEP   | United Nations Environment Program                    |
| UNESCO | United Nations Educational, Scientific and Cultura... |
| UNIDO  | United National Industrial Development Organizatio... |
| UO     | Utilization Officer                                   |
| UPCONE | Upconing of a Salt-Water/Fresh Water Interface Bel... |
| USA    | United States Attorney                                |
| USAO   | United States Attorney's Office                       |
| USBM   | United States Bureau of Mines                         |
| USBS   | United States Bureau of Standards                     |
| USC    | Unified Soil Classification                           |
| USC    | United States Code                                    |
| USCA   | United States Code Annotated                          |
| USCG   | United States Coast Guard                             |
| USCP   | U.S. Capitol Police                                   |
| USDA   | United States Department of Agriculture               |



## Acronyms & Abbreviations

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|            |   |
|------------|---|
| USDOJ      | United States Department of the Interior              |
| USDW       | Underground Source of Drinking Water                  |
| USEPA      | U.S. Environmental Protection Agency                  |
| USFS       | United States Forest Service                          |
| USGS       | United States Geological Survey (DOI)                 |
| USNRC      | United States Nuclear Regulatory Commission           |
| USPHS      | United States Public Health Service                   |
| USPP       | U.S. Park Police                                      |
| USPS       | United States Postal Service                          |
| USSS       | U.S. Secret Service                                   |
| UST        | Underground Storage Tank                              |
| UTM        | Universal Transverse Mercator                         |
| UTP        | Urban Transportation Planning                         |
| UV         | Ultraviolet   |
| UZM        | Unsaturated Zone Monitoring                           |
| VA         | Veterans Administration                               |
| VALLEY     | Meteorological Model to Calculate Concentrations o... |
| VAN        | HERL-RTP Van System                                   |
| VAT        | Value Added Tax                                       |
| VBOK       | EMSL-Vegas Library Book System                        |
| VCEM       | EMSL-Vegas Chemical Inventory                         |
| VCM        | Vinyl Chloride Monomer                                |
| VDT        | Video Display Terminal                                |
| VE         | Visual Emissions                                      |
| VEO        | Visible Emission Observation                          |
| VHS        | Vertical and Horizontal Spread Model                  |
| VHT        | Vehicle-Hours of Travel                               |
| VIEW       | Visibility Investigative Experiment in the West       |
| VISTA      | Employee I.D. No. Data Entry at Parklawn Computer ... |
| VISTTA     | Visibility Impairment from Sulfur Transform. & Tra... |
| VKT        | Vehicle Kilometers Traveled                           |
| VLIB       | EMSL-Vegas Library Inventory                          |
| VMAL       | EMSL-Vegas Mail List                                  |
| VMT        | Vehicle Miles Traveled                                |
| VOC        | Volatile Organic Compounds                            |
| VOLSTORAGE | Volatile Organic Liquid Storage Facilities            |
| VOS        | Vehicle Operating Survey                              |
| VOST       | Volatile Organic Sampling Train                       |
| VP         | Vapor Pressure  |
| VSAM       | Virtual Storage Access Method                         |
| VSD        | Virtually Safe Dose                                   |



## Acronyms & Abbreviations

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|           |   |
|-----------|---|
| VSI       | Visual Site Inspection                                |
| VSPC      | EMSL-Vegas Species System                             |
| VSS       | Volatile Suspended Solids                             |
| VSS       | Voucher and Scheduling System                         |
| WA        | Work Assignment                                       |
| WACO      | Region 7 NPDES Water Compliance System                |
| WADTF     | Western Atmospheric Deposition Task Force             |
| WAM       | Work Assignment Manager                               |
| WAP       | Waste Analysis Plan (RCRA)                            |
| WASP      | Water Quality Analysis Simulation Program, Version... |
| WATER     | Economic Analysis of Water Supply                     |
| WATQ      | Region 2 Water Quality Analysis Graphics System       |
| WB        | Wet Bulb  |
| WB        | World Bank  |
| WBC       | White Blood Cells                                     |
| WBC       | Whole-Body Count and Bioassay                         |
| WBE       | Women's Business Enterprise                           |
| WCC       | Washington Computer Center                            |
| WCED      | World Commission on Environment and Development       |
| WD        | Water Division (OGC)                                  |
| WDROP     | Distribution Register of Organic Pollutants in Wat... |
| WED       | Water Enforcement Division (OECM)                     |
| WED       | Women's Equality Day                                  |
| WENDB     | Water Enforcement National Data Base                  |
| WERL      | Water Engineering Research Laboratory (ORD)           |
| WESPDOSE2 | High Level Radioactive Waste Risk Model Environmen... |
| WFPM      | Western Fine Particulate Monitoring                   |
| WG        | Wage Grade  |
| WG        | Work Group  |
| WGI       | Within Grade Increase                                 |
| WHO       | World Health Organization (UN)                        |
| WHO-WMO   | International Air Data Base                           |
| WHWT      | Water and Hazardous Waste Team                        |
| WIC       | Washington Information Center                         |
| WICEM     | World Industry Conference on Environmental Managem... |
| WISE      | Women in Science and Engineering                      |
| WL        | Warning Letter  |
| WL        | Working Levels  |
| WLA/TMDL  | Wasteload Allocation/Total Maximum Daily Load         |
| WLD       | Water and Land Division (ORD)                         |

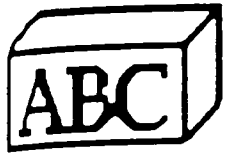




## Acronyms & Abbreviations

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|         |   |
|---------|---|
| WLM     | Working Level Months                                  |
| WMD     | Waste Management Division (ORD)                       |
| WMD     | Water Management Division (Regional)                  |
| WMED    | Waste Management and Economics Division (OSWER)       |
| WMO     | World Meteorological Organization                     |
| WMS     | Workforce Management Staff (OHRM)                     |
| WOW     | We-Cycle Office Wastepaper                            |
| WP      | Water Pollution Lab Performance Evaluation Studies    |
| WPC     | Word Processing Center                                |
| WPCF    | Water Pollution Control Federation                    |
| WPD     | Water Planning Division (OW)                          |
| WPI     | Wholesale Price Index                                 |
| WPO     | Water Policy Office (OW)                              |
| WPPISDC | Wisconsin Power Plant Impact Study Data Center        |
| WQC     | Water Quality Criteria                                |
| WQM4    | Region 4 Water Quality Modeling                       |
| WQMSGSL | Water Quality Modeling System for the Great Lakes     |
| WRC     | Water Resources Congress                              |
| WRC     | Water Resources Council                               |
| WRDA    | Water Resources Development Act                       |
| WRI     | World Resources Institute                             |
| WRS     | Reg 5 ADP Workload Reporting System                   |
| WS      | Water Supply Evaluation Studies Lab Performance       |
| WS      | Work Status   |
| WSAP    | Weighted Sensitivity Analysis Program                 |
| WSF     | Water Soluble Fraction                                |
| WSM     | Waterside Mall  |
| WSRA    | Wild and Scenic Rivers Act                            |
| WSSM    | Water Supply Simulation Model                         |
| WSTB    | Water Science and Technology Board                    |
| WSVS    | Region 2 Water Supply Violation Assessment Graphic... |
| WTPS    | Water, Toxics and Pesticides Staff (ORD)              |
| WTS     | HPOB Automated Workload Management System             |
| WTSHRD  | Water and Toxic Substances Health Research Divisio... |
| WWEMA   | Waste and Wastewater Equipment Manufacturers Assoc... |
| WWF     | World Wildlife Fund                                   |
| WWMMRD  | Water and Waste Management Monitoring Research Div... |
| WWMS    | Water and Waste Management Staff (ORD)                |
| WWTP    | Wastewater Treatment Plant                            |
| YTD     | Year to Date  |



## Acronyms & Abbreviations

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|     |                          |
|-----|--------------------------|
| ZBB | Zero Base Budgeting      |
| ZHE | Zero Headspace Extractor |
| ZOI | Zone of Incorporation    |
| ZRL | Zero Risk Level          |



## Section J

# Environmental Glossary

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This section is a reprint of the Office of Public Affairs' Glossary of Environmental Terms. The publication is intended to define the more commonly used environmental terms as found in EPA publications. Every attempt has been made to define the terms using non-technical language, although it was sometimes necessary to use scientific terminology.

The terms are listed alphabetically. Common abbreviations, if any, follow the term. In a few instances the term is listed by acronym only. In some cases, cross references to synonyms and related terminology are also listed.

These definitions do not constitute the Agency's official use of terms and phrases for regulatory purposes. Nothing in this document should be construed in any way to alter or supplant any other Federal document. Official terminology may be found in the laws and regulations as published in such sources as the Congressional Record and the Federal Register.

**SAMPLE ENTRY**

|             |  |                   |
|-------------|--|-------------------|
| <b>TERM</b> | <p><u>National Priorities List (NPL)</u> -</p> <p>EPA's list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under Superfund. A site must be on the NPL to receive money from the Trust Fund for remedial action. The list is based primarily on the score a site receives from the Hazard Ranking System. EPA is required to update the NPL at least once a year.</p> | <b>DEFINITION</b> |
|-------------|--|-------------------|

Sources: U.S. EPA. Office of Public Affairs. Glossary of Environmental Terms. Mar. 1988. OPA-87-017.



# Environmental Glossary

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## A-Scale Sound Level -

A measurement of sound approximating the sensitivity of the human ear, used to note the intensity or annoyance of sounds.

## Abandoned Well -

A well whose use has been permanently discontinued or which is in a state of disrepair such that it cannot be used for its intended purpose.

## Abatement

Reducing the degree or intensity of, or eliminating, pollution.

## ABEL -

EPA's computer model for analyzing a violator's ability to pay a civil penalty.

## Absorption -

1. Adhesion of molecules of gas, liquid, or dissolved solids to a surface.
2. An advanced method of treating wastes in which activated carbon removes organic matter from wastewater.
3. The passage of one substance into or through another; e.g., an operation in which one or more soluble components of a gas mixture are dissolved in a liquid.

## Accelerator -

In radiation science, a device that speeds up charged particles such as electrons or protons.

## Acceptable Daily Intake (ADI) -

An estimate similar in concept to the RfDs, however, derived using a less rigorously defined methodology. RfDs have replaced the ADI as the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

## Acceptable Intake for Chronic Exposure (AICs) -

An estimate similar in concept to the RfDs, however, derived using a less rigorously defined methodology. RfDs have replaced AICs as the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

## Acceptable Intake for Subchronic Exposure (AIS) -

An estimate similar in concept to a subchronic RfDs, however, derived using a less rigorously defined methodology. Subchronic RfDs have replaced AICs as



# Environmental Glossary

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the Agency's preferred value for use in evaluating potential noncarcinogenic health effects resulting from exposure to a chemical.

## Accident Site -

The location of an unexpected occurrence, failure, or loss, either at a plant or along a transportation route, resulting in a release of hazardous materials.

## Acclimatization -

The physiological and behavioral adjustments of an organism to changes in its environment.

## Acetylcholine -

A substance in the human body having important neurotransmitter effects on various internal systems; often used as a bronchoconstrictor.

## Acid Deposition -

A complex chemical and atmospheric phenomenon that occurs when emissions of sulfur and nitrogen compounds and other substances are transformed by chemical processes in the atmosphere, often far from the original sources, and then deposited on earth in either a wet or dry form. The wet forms, popularly called "acid rain," can fall as rain, snow, or fog. The dry forms are acidic gases or particulates.

## Acid Rain -

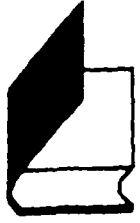
(See: acid deposition)

## Action Levels -

1. Regulatory levels recommended by EPA for enforcement by FDA and USDA when pesticide residues occur in food or feed commodities for reasons other than the direct application of the pesticide. As opposed to "tolerances" which are established for residues occurring as a direct result of proper usage, action levels are set for inadvertent residues resulting from previous legal use or accidental contamination.
2. In the Superfund program, the existence of a contaminant concentration in the environment high enough to warrant action or trigger a response under SARA and the National Oil and Hazardous Substances Contingency Plan. The term can be used similarly in other regulatory programs. (See: Tolerances)

## Activated Carbon -

A highly adsorbent form of carbon used to remove odors and toxic substances from liquid or gaseous emissions. In waste treatment it is used to remove dissolved organic matter from waste water. It is also used in motor vehicle



# Environmental Glossary

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evaporative control systems.

## Activated Sludge -

Sludge that results when primary effluent is mixed with bacteria-laden sludge and then agitated and aerated to promote biological treatment. This speeds breakdown of organic matter in raw sewage undergoing secondary waste treatment.

## Active Ingredient -

In any pesticide product, the component which kills, or otherwise controls, target pests. Pesticides are regulated primarily on the basis of active ingredients.

## Acute Exposure -

A single exposure to a toxic substance which results in severe biological harm or death. Acute exposures are usually characterized as lasting no longer than a day.

## Acute Toxicity -

The ability of a substance to cause poisonous effects resulting in severe biological harm or death soon after a single exposure or dose. Also, any severe poisonous effect resulting from a single short-term exposure to a toxic substance. (See: Chronic Toxicity, Toxicity)

## Adaptation -

Changes in an organism's structure that help it adjust to its surroundings.

## Add On Control Device -

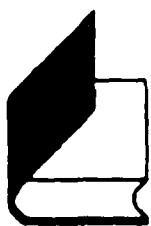
An air pollution control device such as carbon absorber or incinerator which reduces the pollution in an exhaust gas. The control device usually does not affect the process being controlled and thus is "add on" technology, as opposed to a scheme to control pollution through making some alteration to the basic process.

## Adhesion -

Molecular attraction which holds the surfaces of two substances in contact.

## Administrative Order -

A legal document signed by EPA directing an individual, business, or other entity to take corrective action or refrain from an activity. It describes the violations and actions to be taken, and can be enforced in court. Such orders



## Environmental Glossary

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may be issued, for example, as a result of an administrative complaint whereby the respondent is ordered to pay a penalty for violations of a statute.

### Administrative Procedures Act -

A law that spells out procedures and requirements related to the promulgation of regulations.

### Adulterants -

Chemical impurities or substances that by law do not belong in a food or in a pesticide.

### Advanced Waste Water Treatment -

Any treatment of sewage that goes beyond the secondary or biological water treatment stage and includes the removal of nutrients such as phosphorus and nitrogen and a high percentage of suspended solids. (See: Primary, Secondary Treatment)

### Advisory -

A non-regulatory document that communicates risk information to persons who may have to make risk management decisions.

### Aeration -

A process which promotes biological degradation of organic water. The process may be passive (as when waste is exposed to air) or active (as when a mixing or bubbling device introduces the air).

### Aeration Tank -

A chamber used to inject air into water.

### Aerobic -

Life or processes that require, or are not destroyed by, the presence of oxygen. (See: Anaerobic)

### Aerobic Treatment -

Process by which microbes decompose complex organic compounds in the presence of oxygen and use the liberated energy for reproduction and growth. Types of aerobic processes include extended aeration, trickling filtration, and rotating biological contactors.

### Aerosol -

A suspension of liquid or solid particles in a gas.



# Environmental Glossary

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## Afterburner -

In incinerator technology, a burner located so that the combustion gases are made to pass through its flame in order to remove smoke and odors. It may be attached to or be separated from the incinerator proper.

## Agent Orange -

A toxic herbicide and defoliant which was used in the Vietnam conflict. It contains 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) and 2,4-dichlorophenoxyacetic acid (2,4-D) with trace amounts of dioxin.

## Agglomeration -

The process by which precipitation particles grow larger by collision or contact with cloud particles or other precipitation particles.

## Agglutination -

The process of uniting solid particles coated with a thin layer of adhesive material or of arresting solid particles by impact on a surface coated with an adhesive.

## Agricultural Pollution -

The liquid and solid wastes from farming, including: runoff and leaching of pesticides and fertilizers; erosion and dust from plowing; animal manure and carcasses; crop residues; and debris.

## Air Changes Per Hour (ACH) -

The movement of a volume of air in a given time; if a house has one air change per hour, it means that all of the air in the house will be replaced in a one-hour period.

## Air Contaminant -

Any particulate matter, gas, or combination thereof, other than water vapor or natural air. (See: Air Pollutant)

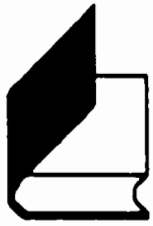
## Air Curtain -

A method of containing oil spills. Air bubbling through a perforated pipe causes an upward water flow that slows the spread of oil. It can also be used to stop fish from entering polluted water.

## Air Mass -

A widespread body of air that gains certain meteorological or polluted characteristics, e.g., a heat inversion or smogginess while set in one location. The characteristics can change as it moves away.





# Environmental Glossary

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## Air Monitoring -

(See: Monitoring)

## Air Pollutant -

Any substance in air which could, if in high enough concentration, harm man, other animals, vegetation, or material. Pollutants may include almost any natural or artificial composition of matter capable of being airborne. They may be in the form of solid particles, liquid droplets, gases, or in combinations of these forms. Generally, they fall into two main groups:

- (1) those emitted directly from identifiable sources; and
- (2) those produced in the air by interaction between two or more primary pollutants, or by reaction with normal atmospheric constituents, with or without photoactivation. Exclusive of pollen, fog, and dust, which are of natural origin, about 100 contaminants have been identified and fall into these categories: solids, sulfur compounds, volatile organic chemicals, nitrogen compounds, oxygen compounds, halogen compounds, radioactive compounds, and odors.

## Air Pollution -

The presence of contaminant or pollutant substances in the air that do not disperse properly and interfere with human health or welfare, or produce other harmful environmental effects.

## Air Pollution Episode -

A period of abnormally high concentration of air pollutants, often due to low winds and temperature inversion, that can cause illness and death. (See: Episode, Pollution)

## Air Quality Control Region -

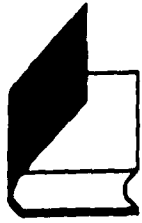
An area -- designated by the federal government -- in which communities share a common air pollution problem. Sometimes several states are involved.

## Air Quality Criteria -

The levels of pollution and lengths of exposure above which adverse health and welfare effects may occur.

## Air Quality Standards -

The level of pollutants prescribed by regulations that may not be exceeded during a specified time in a defined area.



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## Airborne Particulates -

Total suspended particulate matter found in the atmosphere as solid particles or liquid droplets. The chemical composition of particulates varies widely, depending on location and time of year. Airborne particulates include windblown dust, emissions from industrial processes, smoke from the burning of wood and coal, and the exhaust of motor vehicles.

## Airborne Release -

Release of any chemical into the air.

## Alachlor -

A herbicide, marketed under the trade name Lasso, used mainly to control weeds in corn and soybean fields.

## Alar -

Trade name for daminozide, a pesticide that makes apples redder, firmer, and less likely to drop off trees before growers are ready to pick them. It is also used to a lesser extent on peanuts, tart cherries, concord grapes, and other fruits.

## Aldicarb -

An insecticide sold under the trade name Temik. It is made from ethyl isocyanate.

## Algae -

Simple rootless plants that grow in sunlit waters in relative proportion to the amounts of nutrients available. They can affect water quality adversely by lowering the dissolved oxygen in the water. They are food for fish and small aquatic animals.

## Algal Blooms -

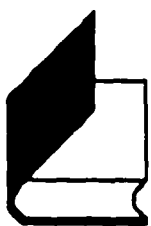
Sudden spurts of algal growth, which can affect water quality adversely and indicate potentially hazardous changes in local water chemistry.

## Alpha Particle -

A positively charged particle composed of 2 neutrons and 2 protons released by some atoms undergoing radioactive decay. The particle is identical to the nucleus of a helium atom.

## Alternate Method -

Any method of sampling and analyzing for an air pollutant which is not a reference or equivalent method but which has been demonstrated in specific



## Environmental Glossary

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cases to EPA's satisfaction to produce results adequate for compliance.

### Ambient Air Quality Standards -

(See: Criteria Pollutants, National Ambient Air Quality Standards)

### Ambient Air -

Any unconfined portion of the atmosphere: open air, surrounding air.

### Anadromous -

Fish that spend their adult life in the sea but swim upriver to fresh water spawning grounds to reproduce.

### Anaerobic -

A life or process that occurs in, or is not destroyed by, the absence of oxygen.

### Analytes -

The chemicals for which a sample is analyzed.

### Antagonism -

The interaction of two chemicals having an opposing, or neutralizing, effect on each other, or given some specific biological effect a chemical interaction that appears to have an opposing or neutralizing effect over what might otherwise be expected.

### Antarctic "Ozone Hole"

Refers to the seasonal depletion of ozone in a large area over Antarctica.

### Anti-Degradation Clause -

Part of federal air quality and water quality requirements prohibiting deterioration where pollution levels are above the legal limit.

### Antibodies -

Proteins produced in the body by immune system cells in response to antigens, and capable of combining with antigens.

### Antigen -

A substance that causes production of antibodies when introduced into animal or human tissue.



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## Aquifer -

An underground geological formation, or group of formations, containing usable amounts of groundwater that can supply wells and springs.

## Arbitration -

A process for the resolution of disputes. Decisions are made by an impartial arbitrator selected by the parties. These decisions are usually legally binding. (See: Mediation)

## Area of Review -

In the UIC program, the area surrounding an injection well that is reviewed during the permitting process to determine whether the injection operation will induce flow between aquifers.

## Area Source -

Any small source of non-natural air pollution that is released over a relatively small area but which cannot be classified as a point source. Such sources may include vehicles and other small fuel combustion engines.

## Asbestos -

A mineral fiber that can pollute air or water and cause cancer or asbestosis when inhaled. EPA has banned or severely restricted its use in manufacturing and construction.

## Asbestosis -

A disease associated with chronic exposure to and inhalation of asbestos fibers. The disease makes breathing progressively more difficult and can lead to death.

## Ash -

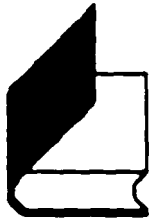
The mineral content of a product remaining after complete combustion.

## Assimilation -

The ability of a body of water to purify itself of pollutants.

## Atmosphere -

1. A standard unit of pressure representing the pressure exerted by a 29.92-inch column of mercury at sea level at 45° latitude and equal to 1000 grams per square centimeter.
2. The whole mass of air surrounding the earth, composed largely of oxygen and nitrogen.



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## Atomize -

To divide a liquid into extremely minute particles, either by impact with a jet of steam or compressed air, or by passage through some mechanical device.

## Attainment Area -

An area considered to have air quality as good as or better than the national ambient air quality standards as defined in the Clean Air Act. An area may be an attainment area for one pollutant and a non attainment area for others.

## Attenuation -

The process by which a compound is reduced in concentration over time, through adsorption, degradation, dilution, and/or transformation.

## Attractant -

A chemical or agent that lures insects or other pests by stimulating their sense of smell.

## Attrition -

Wearing or grinding down of a substance by friction. A contributing factor in air pollution, as with dust.

## Autotrophic -

An organism that produces food from inorganic substances.

## Background Level -

In air pollution control, the concentration of air pollutants in a definite area during a fixed time prior to the starting up or on the stoppage of a source of emission under control. In toxic substances monitoring, the average presence in the environment, originally referring to naturally occurring phenomena.

## BACT (Best Available Control Technology) -

An emission limitation based on the maximum degree of emission reduction which (considering energy, environmental, and economic impacts and other costs) is achievable through application of production processes and available methods, systems, and techniques. In no event does BACT permit emissions in excess of those allowed under any applicable Clean Air Act provisions. Use of the BACT concept is allowable on a case by case basis for major new or modified emissions sources in attainment areas and applies to each regulated pollutant.



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## Bacteria -

Microscopic living organisms which can aid in pollution control by consuming or breaking down organic matter in sewage, or by similarly acting on oil spills or other water pollutants. Bacteria in soil, water or air can also cause human, animal and plant health problems. The singular form of bacteria is bacterium.

## Baffle Chamber -

In incinerator design, a chamber designed to promote the settling of fly ash and coarse particulate matter by changing the direction and/or reducing the velocity of the gases produced by the combustion of the refuse or sludge.

## Baghouse Filter -

Large fabric bag, usually made of glass fibers, used to eliminate intermediate and large (greater than 20 microns in diameter) particles. This device operates in a way similar to the bag of an electric vacuum cleaner, passing the air and smaller particulate matter, while entrapping the larger particulates.

## Baling -

Compacting solid waste into blocks to reduce volume and simplify handling.

## Ballistic Separator -

A machine that sorts organic from inorganic matter for composting.

## Band Application -

In pesticides, the spreading of chemicals over, or next to, each row of plants in a field.

## Banking -

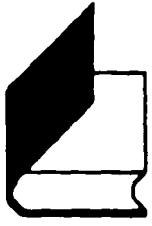
A system for recording qualified air emission reductions for later use in bubble, offset, or netting transactions. (See: Emissions Trading)

## Bar Screen -

In wastewater treatment, a device used to remove large solids.

## Barrier Coating(s) -

A layer of a material that acts to obstruct or prevent passage of something through a surface that is to be protected, e.g., grout, caulk, or various sealing compounds. Sometimes used with polyurethane membranes to prevent corrosion or oxidation of metal surfaces, chemical impacts on various materials, or, for example, to prevent soil-gas-borne radon from moving



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through walls, cracks, or joints in a house.

### Basal Application -

In pesticides, the application of a chemical on plant stems or tree trunks just above the soil line.

### BEN -

EPA's computer model for analyzing a violator's economic gain from not complying with the law.

### Benthic Organism (Benthos) -

A form of aquatic plant or animal life that is found on or near the bottom of a stream, lake, or ocean.

### Benthic Region -

The bottom layer of a body of water.

### Beryllium -

An airborne metal that can be hazardous to human health when inhaled. It is discharged by machine shops, ceramic and propellant plants, and foundries.

### Beta Particle

An elementary particle emitted by radioactive decay that may cause skin burns. It is halted by a thin sheet of paper.

### Bioaccumulative

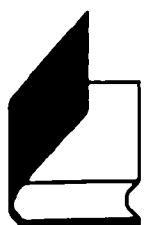
Substances that increase in concentration in living organisms (that are very slowly metabolized or excreted) as they breathe contaminated air, drink contaminated water, or eat contaminated food. (See: Biological Magnification)

### Bioassay -

Using living organisms to measure the effect of a substance, factor, or condition by comparing before- and after- data. Term is often used to mean cancer bioassays.

### Biochemical Oxygen Demand (BOD) -

A measure of the amount of oxygen consumed in the biological processes that break down organic matter in water. The greater the BOD, the greater the degree of pollution.



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## Biodegradable -

The ability to break down or decompose rapidly under natural conditions and processes.

## Biological Control

In pest control, the use of animals and organisms that eat or otherwise kill or out-compete pests.

## Biological Magnification -

Refers to the process whereby certain substances such as pesticides or heavy metals move up the food chain, work their way into a river or lake and are eaten by aquatic organisms such as fish, which in turn are eaten by large birds, animals, or humans. The substances become concentrated in tissues or internal organs as they move up the chain. (See: Bioaccumulative)

## Biological Oxidation -

The way bacteria and microorganisms feed on and decompose complex organic materials. Used in self-purification of water bodies and in activated sludge wastewater treatment.

## Biological Treatment -

A treatment technology that uses bacteria to consume waste. This treatment breaks down organic materials.

## Biomass -

All of the living material in a given area; often refers to vegetation. Also called "biota".

## Biomonitoring -

1. The use of living organisms to test the suitability of effluents for discharge into receiving waters and to test the quality of such waters downstream from the discharge.
2. Analysis of blood, urine, tissues, etc., to measure chemical exposure in humans.

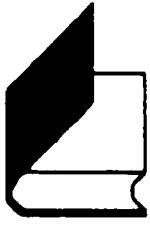
## Biosphere -

The portion of Earth and its atmosphere that can support life.

## Biostabilizer -

A machine that converts solid waste into compost by grinding and aeration.





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**Biota -**

(See: Biomass)

**Biotechnology -**

Techniques that use living organisms or parts of organisms to produce a variety of products (from medicines to industrial enzymes) to improve plants or animals or to develop microorganisms for specific uses such as removing toxics from bodies of water, or as pesticides.

**Biotic Community -**

A naturally occurring assemblage of plants and animals that live in the same environment and are mutually sustaining and interdependent.

**Black Lung -**

A disease of the lungs caused by habitual inhalation of coal dust.

**Blackwater -**

Water that contains animal, human, or food wastes.

**BOD5**

The amount of dissolved oxygen consumed in five days by biological processes breaking down organic matter.

**Bog -**

A type of wetland that accumulates appreciable peat deposits. Bogs depend primarily on precipitation for their water source and are usually acidic and rich in plant residue with a conspicuous mat of living green moss.

**Boom -**

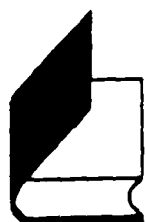
1. A floating device used to contain oil on a body of water.
2. A piece of equipment used to apply pesticides from ground equipment such as a tractor or truck. (See: Sonic Boom)

**Botanical Pesticide -**

A pesticide whose active ingredient is a plant produced chemical such as nicotine or strychnine.

**Bottle Bill -**

Proposed or enacted legislation which requires a returnable deposit on beer or soda containers and provides for retail store or other redemption centers. Such legislation is designed to discourage use of throwaway containers.



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## Bottom Land Hardwoods -

Forested freshwater wetlands adjacent to rivers in the southeastern United States. They are especially valuable for wildlife breeding and nesting and habitat areas.

## Brackish Water -

A mixture of fresh and salt water.

## Broadcast Application -

In pesticides, the spreading of chemicals over an entire area.

## Bubble -

A system under which existing emissions sources can propose alternate means to comply with a set of emissions limitations. Under the bubble concept, sources can control more than required at one emission point where control costs are relatively low in return for a comparable relaxation of controls at a second emission point where costs are higher.

## Bubble Policy -

(See: Emissions Trading)

## Buffer Strips -

Strips of grass or other erosion-resisting vegetation between or below cultivated strips or fields.

## Burial Ground (Graveyard) -

A disposal site for radioactive waste materials that uses earth or water as a shield.

## By-product -

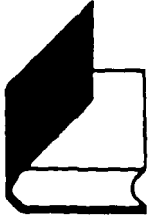
Material, other than the principal product, that is generated as a consequence of an industrial process.

## Cadmium (CD) -

A heavy metal element that accumulates in the environment.

## Cancellation -

Refers to Section 6 (b) of the the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), which authorizes cancellation of a pesticide registration if unreasonable adverse effects to the environment and public health develop when a product is used according to widespread and commonly



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recognized practice, or if its labeling or other material required to be submitted does not comply with FIFRA provisions.

### Cap -

A layer of clay, or other highly impermeable material, installed over the top of a closed landfill to prevent entry of rainwater and minimize production of leachate.

### Capture Efficiency -

The fraction of all organic vapors generated by a process that are directed to an abatement or recovery device.

### Carbon Adsorber -

An add on control device which uses activated carbon to absorb volatile organic compounds (VOCs) from a gas stream. The VOCs are later recovered from the carbon.

### Carbon Dioxide (CO<sub>2</sub>) -

A colorless, odorless, non-poisonous gas, which results from fossil fuel combustion and is normally a part of the ambient air.

### Carbon Monoxide (CO) -

A colorless, odorless, poisonous gas produced by incomplete fossil fuel combustion.

### Carboxyhemoglobin -

Hemoglobin in which the iron is associated with carbon monoxide (CO). The affinity of hemoglobin for CO is about 300 times greater than for oxygen.

### Carcinogen -

Any substance that can cause or contribute to the production of cancer.

### Carcinogen Risk Assessment Verification Endeavor (CRAVE) Workgroup

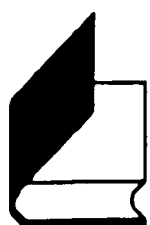
An EPA workgroup formed to validate Agency carcinogen risk assessments and resolve conflicting potency values among various program offices.

### Carcinogenic -

Cancer-producing.

### Carrying Capacity -

1. In recreation management, the amount of use a recreation area can sustain without deterioration of its quality.



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2. In wildlife management, the maximum number of animals an area can support during a given period of the year.

### Cask

A thick-walled container (usually lead) used to transport radioactive material. Also called a coffin.

### Catalytic Converter -

An air pollution abatement device that removes pollutants from motor vehicle exhaust, either by oxidizing them into carbon dioxide and water or reducing them to nitrogen and oxygen.

### Catalytic Incinerator -

A control device which oxidizes volatile organic compounds (VOCs) by using a catalyst to promote the combustion process. Catalytic incinerators require lower temperatures than conventional thermal incinerators, with resultant fuel and cost savings.

### Catanadramous -

Fish that swim downstream to spawn.

### Categorical Exclusion -

A class of actions which either individually or cumulatively would not have a significant effect on the human environment and therefore would not require preparation of an environmental assessment or environmental impact statement under the National Environmental Policy Act (NEPA).

### Categorical Pretreatment Standard -

A technology-based effluent limitation for an industrial facility which discharges into a municipal sewer system. Analogous in stringency to Best Availability Technology (BAT) for direct dischargers.

### Cathodic Protection

A technique to prevent corrosion of a metal surface by making that surface the cathode of an electrochemical cell.

### Caustic Soda -

Sodium hydroxide, a strong alkaline substance used as the cleaning agent in some detergents.

### CBOD5 -

The amount of dissolved oxygen consumed in 5 days from the carbonaceous



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portion of biological processes breaking down in an effluent. The test methodology is the same as for BOD<sub>5</sub>, except that nitrogen demand is suppressed.

### Cells -

1. In solid waste disposal, holes where waste is dumped, compacted, and covered with layers of dirt on a daily basis.
2. The smallest structural part of living matter capable of functioning as an independent unit.

### Centrifugal Collector -

A mechanical system using centrifugal force to remove aerosols from a gas stream or to de-water sludge.

### Cesium (Cs) -

A silver-white, soft ductile element of the alkali metal group that is the most electropositive element known. Used especially in photoelectric cells.

### Channelization -

Straightening and deepening streams so water will move faster. A flood-reduction or marsh-drainage tactic that can interfere with waste assimilation capacity and disturb fish and wildlife habitats.

### Characteristic -

Any one of the four categories used in defining hazardous waste: ignitability, corrosivity, reactivity, and toxicity.

### Chemical Oxygen Demand (COD) -

A measure of the oxygen required to oxidize all compounds in water, both organic and inorganic.

### Chemical Treatment

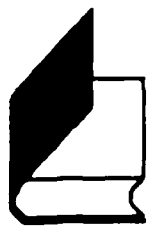
Any one of a variety of technologies that use chemicals or a variety of chemical processes to treat waste.

### Chemicals of Potential Concern -

Chemicals that are potentially site-related and whose data are of sufficient quality for use in the quantitative risk assessment.

### Chemosterilant -

A chemical that controls pests by preventing reproduction.



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## Chilling Effect -

The lowering of the Earth's temperature because of increased particles in the air blocking the sun's rays. (See: Greenhouse Effect)

## Chlorinated Hydrocarbons -

These include a class of persistent, broad-spectrum insecticides, that linger in the environment and accumulate in the food chain. Among them are DDT, aldrin, dieldrin, heptachlor, chlordane, lindane, endrin, mirex, hexachloride, and toxaphene. Other examples include TCE, used as an industrial solvent.

## Chlorinated Solvent -

An organic solvent containing chlorine atoms, e.g., methylene chloride and 1,1,1-trichloromethane, which are used in aerosol spray containers and in traffic paint.

## Chlorination -

The application of chlorine to drinking water, sewage, or industrial waste to disinfect or to oxidize undesirable compounds.

## Chlorinator -

A device that adds chlorine, in gas or liquid form, to water or sewage to kill infectious bacteria.

## Chlorine-Contact Chamber -

That part of a water treatment plant where effluent is disinfected by chlorine.

## Chlorofluorocarbons (CFCs) -

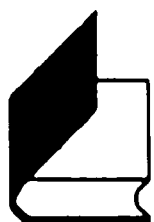
A family of inert, nontoxic, and easily liquified chemicals used in refrigeration, air conditioning, packaging, insulation, or as solvents and aerosol propellants. Because CFCs are not destroyed in the lower atmosphere, they drift into the upper atmosphere where their chlorine components destroy ozone.

## Chlorosis -

Discoloration of normally green plant parts that can be caused by disease, lack of nutrients, or various air pollutants.

## Chromium -

(See: Heavy Metals)



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## Chronic RfD -

An estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a lifetime daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects. Chronic RfDs are specifically developed to be protective for long-term exposure to a compound (7 years to lifetime).

## Chronic Toxicity -

The capacity of a substance to cause long-term poisonous human health effects. (See: Acute Toxicity.)

## Clarification -

Clearing action that occurs during wastewater treatment when solids settle out. This is often aided by centrifugal action and chemically induced coagulation in wastewater.

## Clarifier -

A tank in which solids are settled to the bottom and are subsequently removed as sludge.

## Cleanup -

Actions taken to deal with a release or threat of release of a hazardous substance that could affect humans and/or the environment. The term "cleanup" is sometimes used interchangeably with the terms remedial action, removal action, response action, or corrective action.

## Clear Cut -

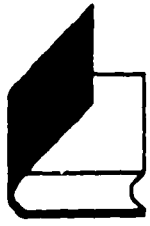
A forest management technique that involves harvesting all the trees in one area at one time. Under certain soil and slope conditions it can contribute sediment to water pollution.

## Cloning -

In biotechnology, obtaining a group of genetically identical cells from a single cell. This term has assumed a more general meaning that includes making copies of a gene.

## Closed-Loop Recycling -

Reclaiming or reusing wastewater for non-potable purposes in an enclosed process.



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### Coagulation -

A clumping of particles in wastewater to settle out impurities. It is often induced by chemicals such as lime, alum, and iron salts.

### Coastal Zone -

Lands and waters adjacent to the coast that exert an influence on the uses of the sea and its ecology, or, inversely, whose uses and ecology are affected by the sea.

### Coefficient of Haze (COH) -

A measurement of visibility interference in the atmosphere.

### Coliform Index -

A rating of the purity of water based on a count of fecal bacteria.

### Coliform Organism -

Microorganisms found in the intestinal tract of humans and animals. Their presence in water indicates fecal pollution and potentially dangerous bacterial contamination by disease causing microorganisms.

### Combined Sewers -

A sewer system that carries both sewage and storm-water runoff. Normally, its entire flow goes to a waste treatment plant, but during a heavy storm, the storm water volume may be so great as to cause overflows. When this happens, untreated mixtures of storm water and sewage may flow into receiving waters. Storm-water runoff may also carry toxic chemicals from industrial areas or streets into the sewer system.

### Combustion

Burning, or rapid oxidation, accompanied by release of energy in the form of heat and light. A basic cause of air pollution.

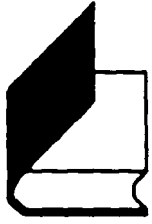
### Combustion Product -

Substance produced during the burning or oxidation of a material.

### Command Post -

Facility located at a safe distance upwind from an accident site, where the on-scene coordinator, responders, and technical representatives can make response decisions, deploy manpower and equipment, maintain liaison with news media, and handle communications.





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## Comment Period -

Time provided for the public to review and comment on a proposed EPA action or rulemaking after it is published in the Federal Register.

## Comminuter -

A machine that shreds or pulverizes solids to make waste treatment easier.

## Comminution -

Mechanical shredding or pulverizing of waste. Used in both solid waste management and wastewater treatment.

## Common Laboratory Contaminants -

Certain organic chemicals (considered by EPA to be acetone, 2-butanone, methylene chloride, toluene, and the phthalate esters) that are commonly used in the laboratory and thus may be introduced into a sample from laboratory cross-contamination, not from the site.

## Community Relations -

The EPA effort to establish two-way communication with the public to create understanding of EPA programs and related actions, to assure public input into decision-making processes related to affected communities, and to make certain that the Agency is aware of and responsive to public concerns. Specific community relations activities are required in relation to Superfund remedial actions.

## Community Water System -

A public water system which serves at least 15 service connections used by year-round residents or regularly serves at least 25 year-round residents.

## Compaction -

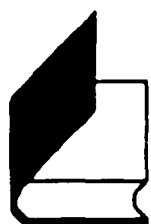
Reduction of the bulk of solid waste by rolling and tamping.

## Compliance Coating -

A coating whose volatile organic compound content does not exceed that allowed by regulation.

## Compliance Schedule -

A negotiated agreement between a pollution source and a government agency that specifies dates and procedures by which a source will reduce emissions and, thereby, comply with a regulation.



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## Compost -

A mixture of garbage and degradable trash with soil in which certain bacteria in the soil break down the garbage and trash into organic fertilizer.

## Composting -

The natural biological decomposition of organic material in the presence of air to form a humun-like material. Controlled methods of composting include mechanical mixing and aerating, ventilating the materials by dropping them through a vertical series of aerated chambers, or placing the compost in piles out in the open air and mixing or turning it periodically.

## Conditional Registration -

Under special circumstances, the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) permits registration of pesticide products that is "conditional" upon the submission of additional data. These special circumstances include a finding by the EPA Administrator that a new product or use of an existing pesticide will not significantly increase the risk of unreasonable adverse effects. A product containing a new (previously unregistered) active ingredient may be conditionally registered only if the Administrator finds that such conditional registration is in the public interest, that a reasonable time for conducting the additional studies has not elapsed, and the use of the pesticide for the period of conditional registration will not present an unreasonable risk.

## Confined Aquifer -

An aquifer in which ground water is confined under pressure that is significantly greater than atmospheric pressure.

## Consent Decree -

A legal document, approved by a judge, that formalizes an agreement reached between EPA and potentially responsible parties (PRPs) through which PRPs will conduct all of part of a cleanup action at a Superfund site; cease or correct actions or processes that are polluting the environment; or otherwise comply with regulations where the PRP's failure to comply caused EPA to initiate regulatory enforcement actions. The consent decree describes the actions PRPs will take and may be subject to a public comment period.

## Conservation -

Avoiding waste of, and renewing when possible, human and natural resources. The protection, improvement, and use of natural resources according to principles that will assure their highest economic or social benefits.



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## Contact Pesticide

A chemical that kills pests when it touches them, rather than by being eaten (stomach poison). Also, soil that contains the minute skeletons of certain algae that scratches and dehydrates waxy-coated insects.

## Contact rate -

Amount of medium (e.g., ground water, soil) contacted per unit time or event (e.g. liters of water ingested per day).

## Contaminant -

Any physical, chemical, biological, or radiological substance or matter that has an adverse affect on air, water, or soil.

## Contingency Plan -

A document setting out an organized, planned, and coordinated course of action to be followed in case of a fire, explosion, or other accident that releases toxic chemicals, hazardous wastes, or radioactive materials which threaten human health or the environment. (See: National Oil and Hazardous Substances Contingency Plan.)

## Contour Plowing -

Farming methods that break ground following the shape of the land in a way that discourages erosion.

## Contract Laboratory Program -

Analytical program developed for Superfund waste site samples to fill the need for legally defensible analytical results supported by a high level of quality assurance and documentation.

## Contract Labs -

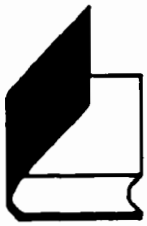
Laboratories under contract to EPA, which analyze samples taken from wastes, soil, air, and water or carry out research projects.

## Contract-Required Quantitation Limit -

Chemical-specific levels that a CLP laboratory must be able to routinely and reliably detect and quantitate in specified sample matrices. May or may not equal to the reported quantitation limit of a given chemical in a given sample.

## Contrails -

Long, narrow clouds caused when high-flying jet aircraft disturb the atmosphere.



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## Control Technique Guidelines (CTG) -

A series of EPA documents designed to assist states in defining reasonable available control technology (RACT) for major sources of volatile organic compounds (VOCs).

## Conventional Pollutants -

Statutorily listed pollutants which are understood well by scientists. These may be in the form of organic waste, sediment, acid, bacteria and viruses, nutrients, oil and grease, or heat.

## Conventional Systems -

Systems that have been traditionally used to collect municipal wastewater in gravity sewers and convey it to a central primary or secondary treatment plant prior to discharge to surface waters.

## Coolant -

A liquid or gas used to reduce the heat generated by power production in nuclear reactors, electric generators, various industrial and mechanical processes, and automobile engines.

## Cooling Tower -

A structure that helps remove heat from water used as a coolant, e.g., in electric power generating plants.

## Core -

The uranium-containing heart of a nuclear reactor, where energy is released.

## Corrosion -

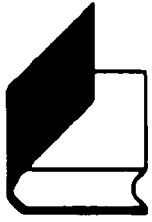
The dissolving and wearing away of metal caused by a chemical reaction such as between water and the pipes that the water contacts, chemicals touching a metal surface, or contact between two metals.

## Corrosive -

A chemical agent that reacts with the surface of a material causing it to deteriorate or wear away.

## Cost Recovery -

A legal process by which potentially responsible parties who contributed to contamination at a Superfund site can be required to reimburse the Trust Fund for money spent during any cleanup actions by the federal government.



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## Cost-Effective Alternative -

An alternative control or corrective method identified after analysis as being the best available in terms of reliability, permanence, and economic considerations. Although costs are one important consideration, when regulatory and compliance methods are being considered, such analysis does not require EPA to choose the least expensive alternative. For example, when selecting a method for cleaning up a site on the Superfund National Priorities List, the Agency balances costs with the long term effectiveness of the various methods proposed.

## Cover -

Vegetation or other material providing protection as ground cover.

## Cover Material -

Soil used to cover compacted solid waste in a sanitary landfill.

## Crawl Space -

In some types of houses, which are constructed so that the floor is raised slightly above the ground, an area beneath the floor which allows access to utilities and other services. This is in contrast to slab-on-grade or basement construction houses.

## Criteria -

Descriptive factors taken into account by EPA in setting standards for various pollutants. These factors are used to determine limits on allowable concentration levels and to limit the number of violations per year. When issued by EPA, the criteria provide guidance to the states on how to establish their standards.

## Criteria Pollutants -

The 1970 amendments to the Clean Air Act required EPA to set National Ambient Air Quality Standards for certain pollutants known to be hazardous to human health. EPA has identified and set standards to protect human health and welfare for six pollutants: ozone, carbon monoxide, total suspended particulates, sulfur dioxide, lead, and nitrogen oxide. The term, "criteria pollutants" derives from the requirement that EPA must describe the characteristics and potential health and welfare effects of these pollutants. It is on the basis of these criteria that standards are set or revised.

## Cubic Feet Per Minute (CFM) -

A measure of the volume of a substance flowing through air within a fixed



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period of time. With regard to indoor air, refers to the amount of air, in cubic feet, that is exchanged with indoor air in a minute's time, or an air exchange rate.

### Cultural Eutrophication -

Increasing rate at which water bodies "die" by pollution from human activities.

### Cumulative Working Level Months (CWLM) -

The sum of lifetime exposure to radon working levels expressed in total working level months

### Curie -

A quantitative measure of radioactivity equal to  $3.7 \times 10^{10}$  disintegrations per second.

### Cutie-Pie -

An instrument used to measure radiation levels.

### Cyclone Collector -

A device that uses centrifugal force to pull large particles from polluted air.

### Data Call-In -

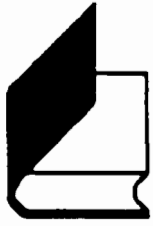
A part of the Office of Pesticide Programs (OPP) process of developing key required test data, especially on the long-term, chronic effects of existing pesticides, in advance of scheduled Registration Standard reviews. Data Call-In is an adjunct of the Registration Standards program intended to expedite reregistration and involves the "calling in" of data from manufacturers.

### DDT -

The first chlorinated hydrocarbon insecticide (chemical name: Dichloro-Diphsdyl-Trichloromethane). It has a half-life of 15 years and can collect in fatty tissues of certain animals. EPA banned registration and interstate sale of DDT for virtually all but emergency uses in the United States in 1972 because of its persistence in the environment and accumulation in the food chain.

### Dechlorination -

Removal of chlorine from a substance by chemically replacing it with hydrogen or hydroxide ions in order to detoxify the substances involved.



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## **Decibel (dB) -**

A unit of sound measurement. In general, a sound doubles in loudness for every increase of ten decibels.

## **Decomposition -**

The breakdown of matter by bacteria and fungi. It changes the chemical makeup and physical appearance of materials.

## **Defoliant -**

A herbicide that removes leaves from trees and growing plants.

## **Degradation -**

The process by which a chemical is reduced to a less complex form.

## **Delegated State -**

A state (or other governmental entity) which has applied for, and received authority to administer, within its territory, its state regulatory program as the federal program required under a particular federal statute. As used in connection with NPDES, UIC, and PWS programs, the term does not connote any transfer of federal authority to a state.

## **Delist -**

Use of the petition process to have a facility's toxic designation rescinded.

## **Denitrification -**

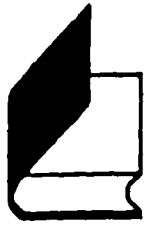
The anaerobic biological reduction of nitrate nitrogen to nitrogen gas.

## **Depletion Curve -**

In hydraulics, a graphical representation of water depletion from storage-stream channels, surface soil, and ground water. A depletion curve can be drawn for base flow, direct runoff, or total flow.

## **Depressurization -**

A condition that occurs when the air pressure inside a structure is lower than the air pressure outside. Depressurization can occur when household appliances that consume or exhaust house air, such as fireplaces or furnaces, are not supplied with enough makeup air. Radon-containing soil gas may be drawn into a house more rapidly under depressurized conditions.



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## Dermal Toxicity -

The ability of a pesticide or toxic chemical to poison people or animals by contact with the skin. (See: contact pesticide.)

## DES -

A synthetic estrogen, diethylstilbestrol is used as a growth stimulant in food animals. Residues in meat are thought to be carcinogenic.

## Desalinization -

Removing salt from ocean or brackish water.

## Desiccant -

A chemical agent that absorbs moisture; some desiccants are capable of drying out plants or insects, causing death.

## Designated Pollutant -

An air pollutant which is neither a criteria nor hazardous pollutant, as described in the Clean Air Act, but for which new sources performance standards exist. The Clean Air Act does require states to control these pollutants, which include acid mist, total reduced sulfur (TRS), and fluorides.

## Designated Uses -

Those water uses identified in state water quality standards which must be achieved and maintained as required under the Clean Water Act. Uses can include cold water fisheries, public water supply, agriculture, etc.

## Designer Bugs -

Popular term for microbes developed through biotechnology that can degrade specific toxic chemicals at their source in toxic waste dumps or in ground water.

## Desulfurization -

Removal of sulfur from fossil fuels to reduce pollution.

## Detection Limit -

The lowest amount that can be distinguished from the normal electronic noise of an analytical instrument.

## Detergent -

Synthetic washing agent that helps to remove dirt and oil. Some contain compounds which kill useful bacteria and encourage algae growth when they are in wastewater that reaches receiving waters.





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### Developer -

A person, government unit, or company that proposes to build a hazardous waste treatment, storage, or disposal facility.

### Developmental RfD -

An estimate (with uncertainty spanning perhaps an order of magnitude or greater) of an exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of developmental effects. Developmental RfDs are used to evaluate the effects of a single event (generally 1 day) exposure.

### Diatomaceous Earth (Diatomite) -

A chalk-like material (fossilized diatoms) used to filter out solid waste in waste-water treatment plants, also used as an active ingredient in some powdered pesticides.

### Diazinon -

An insecticide. In 1986, EPA banned its use on open areas such as sod farms and golf courses because it posed a danger to migratory birds who gathered on them in large numbers. The ban did not apply to its use in agriculture, or on lawns of homes and commercial establishments.

### Dicofol -

A pesticide used on citrus fruits.

### Differentiation -

The process by which single cells grow into particular forms of specialized tissue, e.g., root, stem, leaf.

### Diffused Air -

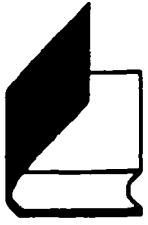
A type of aeration that forces oxygen into sewage by pumping air through perforated pipes inside a holding tank and bubbling it through the sewage.

### Digester -

In wastewater treatment, a closed tank; in solid waste conversion, a unit in which bacterial action is induced and accelerated in order to break down organic matter and establish the proper carbon to nitrogen ratio.

### Digestion -

The biochemical decomposition of organic matter, resulting in partial gasification, liquefaction, and mineralization of pollutants.



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## Dike -

A low wall that can act as a barrier to prevent a spill from spreading.

## Dilution Ratio -

The relationship between the volume of water in a stream and the volume of incoming water. It affects the ability of the stream to assimilate waste.

## Dinocap -

A fungicide used primarily by apple growers to control summer diseases. EPA, in 1986, proposed restrictions on its use when laboratory tests found it caused birth defects in rabbits.

## Dinoseb -

A herbicide that is also used as a fungicide and insecticide. It was banned by EPA in 1986 because it posed the risk of birth defects and sterility.

## Dioxin -

Any of a family of compounds known chemically as dibenzo-p-dioxins. Concern about them arises from their potential toxicity and contaminants in commercial products. Tests on laboratory animals indicate that it is one of the more toxic man-made chemicals known.

## Direct Discharger -

A municipal or industrial facility which introduces pollution through a defined conveyance or system; a point source.

## Disinfectant -

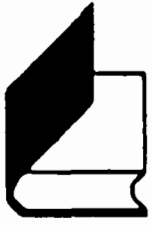
A chemical or physical process that kills pathogenic organisms in water. Chlorine is often used to disinfect sewage treatment effluent, water supplies, wells, and swimming pools.

## Dispersant -

A chemical agent used to break up concentrations of organic material such as spilled oil.

## Disposal -

Final placement or destruction of toxic, radioactive, or other wastes; surplus or banned pesticides or other chemicals; polluted soils; and drums containing hazardous materials from removal actions or accidental releases. Disposal may be accomplished through use of approved secure landfills, surface impoundments, land farming, deep well injection, ocean dumping, or incineration.



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## Dissolved Oxygen (DO) -

The oxygen freely available in water. Dissolved oxygen is vital to fish and other aquatic life and for the prevention of odors. Traditionally, the level of dissolved oxygen has been accepted as the single most important indicator of a water body's ability to support desirable aquatic life. Secondary and advanced waste treatment are generally designed to protect DO in waste-receiving waters.

## Dissolved Solids -

Disintegrated organic and inorganic material contained in water. Excessive amounts make water unfit to drink or use in industrial processes.

## Distillation -

The act of purifying liquids through boiling, so that the steam condenses to a pure liquid and the pollutants remain in a concentrated residue.

## DNA -

Deoxyribonucleic acid, the molecule in which the genetic information for most living cells is encoded. Viruses, too, can contain RNA.

## DNA Hybridization -

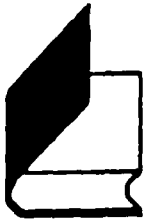
Use of a segment of DNA, called a DNA probe, to identify its complementary DNA; used to detect specific genes. This process takes advantage of the ability of a single strand of DNA to combine with a complimentary strand.

## Dose -

The amount of a substance penetrating the exchange boundaries of an organism after contact. Dose is calculated from the intake and the absorption efficiency, and it usually is expressed as mass of a substance absorbed into the body per unit body weight per unit time (e.g., mg/kg-day). Also, in radiology, the quantity of energy or radiation absorbed.

## Dose-response evaluation -

The process of quantitatively evaluation the toxicity information and characterizing the relationship between the dose of the contaminant administered or received and the incidence of adverse health effects in the exposed population. From the quantitative dose-response relationship, toxicity values are derived that are used in the risk characterization step to estimate the likelihood of adverse effects occurring in humans at different exposure levels.



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**Dosimeter -**

An instrument that measures exposure to radiation.

**Dredging -**

Removal of mud from the bottom of water bodies using a scooping machine. This disturbs the ecosystem and causes silting that can kill aquatic life. Dredging of contaminated muds can expose aquatic life to heavy metals and other toxics. Dredging activities may be subject to regulation under Section 404 of the Clean Water Act.

**Dump -**

A site used to dispose of solid wastes without environmental controls.

**Dust -**

Particles light enough to be suspended in air.

**Dustfall Jar -**

An open container used to collect large particles from the air for measurement and analysis.

**Dystrophic Lakes -**

Shallow bodies of water that contain much humus and/or organic matter, that contain many plants but few fish and are highly acidic.

**Ecological Impact -**

The effect that a man-made or natural activity has on living organisms and their non-living (abiotic) environment.

**Ecology -**

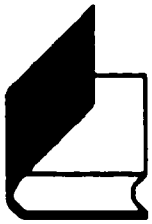
The relationship of living things to one another and their environment, or the study of such relationships.

**Economic Poisons -**

Chemicals used to control pests and to defoliate cash crops such as cotton.

**Ecosphere -**

The "bio-bubble" that contains life on earth, in surface waters, and in the air. (See: biosphere.)



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## Ecosystem -

The interacting system of a biological community and its non-living environmental surroundings.

## Effluent -

Wastewater--treated or untreated--that flows out of a treatment plant, sewer, or industrial outfall. Generally refers to wastes discharged into surface waters.

## Effluent Limitation -

Restrictions established by a State or EPA on quantities, rates, and concentrations in wastewater discharges.

## Electrodialysis

A process that uses electrical current applied to permeable membranes to remove minerals from water. Often used to desalinize salty or brackish water.

## Electrostatic Precipitator (ESP) -

An air pollution control device that removes particles from a gas stream (smoke) after combustion occurs. The ESP imparts an electrical charge to the particles, causing them to adhere to metal plates inside the precipitator. Rapping on the plates causes the particles to fall into a hopper for disposal.

## Eligible Costs -

The construction costs for waste-water treatment works upon which EPA grants are based.

## Emergency (Chemical) -

A situation created by an accidental release or spill of hazardous chemicals which poses a threat to the safety of workers, residents, the environment, or property.

## Emergency Episode -

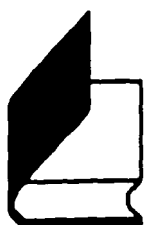
(See: air pollution episode.)

## Eminent Domain -

Government taking--or forced acquisition--of private land for public use, with compensation paid to the landowner.

## Emission -

Pollution discharged into the atmosphere from smokestacks, other vents, and



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surface areas of commercial or industrial facilities; from residential chimneys; and from motor vehicle, locomotive, or aircraft exhausts.

## Emission Factor -

The relationship between the amount of pollution produced and the amount of raw material processed. For example, an emission factor for a blast furnace making iron would be the number of pounds of particulates per ton of raw materials.

## Emission Inventory -

A listing, by source, of the amount of air pollutants discharged into the atmosphere of a community. It is used to establish emission standards.

## Emission Standard -

The maximum amount of air polluting discharge legally allowed from a single source, mobile or stationary.

## Emissions Trading -

EPA policy that allows a plant complex with several facilities to decrease pollution from some facilities while increasing it from others, so long as total results are equal to or better than previous limits. Facilities where this is done are treated as if they exist in a bubble in which total emissions are averaged out. Complexes that reduce emissions substantially may "bank" their "credits" or sell them to other industries.

## Endangered Assessment -

A study conducted to determine the nature and extent of contamination at a site on the National Priorities List and the risk posed to public health or the environment. EPA or the state conduct the study when a legal action is to be taken to direct potentially responsible parties to clean up a site or pay for the cleanup. An endangered assessment supplements a remedial investigation.

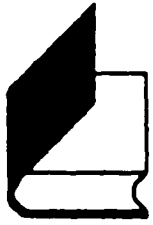
## Endangered Species -

Animals, birds, fish, plants, or other living organisms threatened with extinction by man-made or natural changes in their environment.

Requirements for declaring a species endangered are contained in the Endangered Species Act.

## Enforcement -

EPA, state, or local legal actions to obtain compliance with environmental laws, rules, regulations, or agreements and/or obtain penalties or criminal sanctions for violations. Enforcement procedures may vary, depending on the



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specific requirements of different environmental laws and related implementing regulatory requirements. Under CERCLA, for example, EPA will seek to require potentially responsible parties to clean up a Superfund site, or pay for the cleanup, whereas under the Clean Air Act the agency may invoke sanctions against cities failing to meet ambient air quality standards that could prevent certain types of construction or federal funding. In other situations, if investigations by EPA and state agencies uncover willful violations, criminal trials and penalties are sought.

## **Enforcement Decision Document (EDD) -**

A document that provides an explanation to the public of EPA's selection of the cleanup alternative at enforcement sites on the National Priorities List. Similar to a Record of Decision.

## **Enrichment -**

The addition of nutrients (e.g., nitrogen, phosphorus, carbon compounds) from sewage effluent or agricultural runoff to surface water. This process greatly increases the growth potential for algae and aquatic plants.

## **Environment -**

The sum of all external conditions affecting the life, development and survival of an organism.

## **Environmental Assessment -**

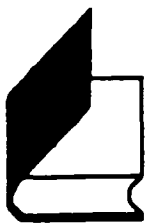
A written environmental analysis which is prepared pursuant to the National Environmental Policy Act to determine whether a federal action would significantly affect the environment and thus require preparation of a more detailed environmental impact statement.

## **Environmental Audit -**

1. An independent assessment of the current status of a party's compliance with applicable environmental requirements.
2. An independent evaluation of a party's environmental compliance policies, practices, and controls.

## **Environmental Impact Statement -**

A document required of federal agencies by the National Environmental Policy Act for major projects or legislative proposals significantly affecting the environment. A tool for decision making, it describes the positive and negative effects of the undertaking and lists alternative actions.



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## Environmental Response Team -

EPA experts located in Edison, N.J., and Cincinnati, OH, who can provide around-the-clock technical assistance to EPA regional offices and states during all types of emergencies involving hazardous waste sites and spills of hazardous substances.

## EPA -

The U.S. Environmental Protection Agency; established in 1970 by Presidential Executive Order, bringing together parts of various government agencies involved with the control of pollution.

## Epidemic -

Widespread outbreak of a disease, or a large number of cases of a disease in a single community or relatively small area.

## Epidemiology -

The study of diseases as they affect population, including the distribution of disease, or other health-related states and events in human populations, the factors (e.g. age, sex, occupation, economic status) that influence this distribution, and the application of this study to control health problems.

## Episode (Pollution) -

An air pollution incident in a given area caused by a concentration of atmospheric pollution reacting with meteorological conditions that may result in a significant increase in illnesses or deaths. Although most commonly used in relation to air pollution, the term may also be used in connection with other kinds of environmental events such as a massive water pollution situation.

## Equilibrium -

In relation to radiation, the state at which the radioactivity of consecutive elements within a radioactive series is neither increasing nor decreasing.

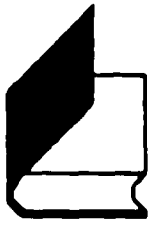
## Equivalent Method -

Any method of sampling and analyzing for air pollution which has been demonstrated to the EPA Administrator's satisfaction to be, under specific conditions, an acceptable alternative to the normally used reference methods.

## Erosion -

The wearing away of land surface by wind or water. Erosion occurs naturally from weather or runoff but can be intensified by land-clearing practices related to farming, residential or industrial development, road building, or





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timber-cutting.

## Estuary -

Regions of interaction between rivers and nearshore ocean waters, where tidal action and river flow create a mixing of fresh and salt water. These areas may include bays, mouths of rivers, salt marshes, and lagoons. These brackish water ecosystems shelter and feed marine life, birds, and wildlife. (See: wetlands.)

## Ethylene Dibromide (EDB) -

A chemical used as an agricultural fumigant and in certain industrial processes. Extremely toxic and found to be a carcinogen in laboratory animals, EDB has been banned for most agricultural uses in the United States.

## Eutrophic Lakes -

Shallow, murky bodies of water that have excessive concentrations of plant nutrients causing excessive algal production. (See: dystrophic lakes.)

## Eutrophication -

The slow aging process during which a lake, estuary, or bay evolves into a bog or marsh and eventually disappears. During the later stages of eutrophication the water body is choked by abundant plant life as the result of increased amounts of nutritive compounds such as nitrogen and phosphorus. Human activities can accelerate the process.

## Evaporation Ponds -

Areas where sewage sludge is dumped and allowed to dry out.

## Evapotranspiration -

The loss of water from the soil both by evaporation and by transpiration from the plants growing in the soil.

## Exceedance -

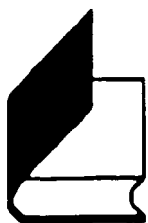
Violation of environmental protection standards by exceeding allowable limits or concentration levels.

## Exclusionary -

Any form of zoning ordinance that tends to exclude specific classes of persons or businesses from a particular district or area.

## Exempt Solvent -

Specific organic compounds that are not subject to requirements of regulation



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because they have been deemed by EPA to be of negligible photochemical reactivity.

## Exempted Aquifer -

Underground bodies of water defined in the Underground Injection Control program as aquifers that are sources of drinking water (although they are not being used as such) and that are exempted from regulations barring underground injection activities.

## Exposure -

The amount of radiation or pollutant present in an environment which represents a potential health threat to the living organisms in that environment.

## Exposure -

Contact of an organism with a chemical or physical agent. Exposure is quantified as the amount of the agent available at the exchange boundaries of the organism (e.g., skin, lungs, gut) and available for absorption.

## Exposure Assessment -

The determination or estimation (qualitative or quantitative) of the magnitude, frequency, duration, and route of exposure.

## Exposure event -

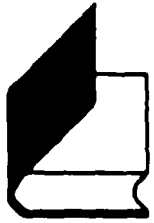
An incident of contact with a chemical or physical agent. An exposure event can be defined by time (e.g., day, hour) or by the incident (e.g., eating a single meal of contaminated fish).

## Exposure pathway -

The course a chemical or physical agent takes from the source to the exposed organism. An exposure pathway describes a unique mechanism by which an individual or population is exposed to chemicals or physical agents at or originating from the site. Each exposure pathway includes a source or release from a source, an exposure point, and an exposure route. If the exposure point differs from the source, a transport/exposure medium (e.g., air) or media (in cases of intermedia transfer) also is included.

## Exposure point -

A point of potential contact between an organism and a chemical or physical agent.



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## Exposure point concentration -

The concentration of a chemical at the exposure point.

## Exposure route -

The way a chemical or physical agent comes in contact with an organism (i.e., by ingestion, inhalation, or dermal contact).

## Extremely Hazardous Substances -

Any of 406 chemicals identified by EPA on the basis of toxicity, and listed under SARA Title III. The list is subject to revision.

## Fabric Filter -

A cloth device that catches dust particles from industrial emissions.

## Feasibility Study -

1. Analysis of the practicability of a proposal; e.g., a description and analysis of the potential cleanup alternatives for a site or alternatives for a site on the National Priorities List. The feasibility study usually recommends selection of a cost-effective alternative. It usually starts as soon as the remedial investigation is underway; together, they are commonly referred to as the "RI/FS". The term can apply to a variety of proposed corrective or regulatory actions.
2. In research, a small-scale investigation of a problem to ascertain whether or not a proposed research approach is likely to provide useful data.

## Fecal Coliform Bacteria -

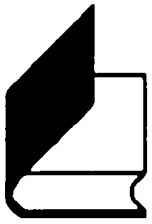
Bacteria found in the intestinal tracts of mammals. Their presence in water or sludge is an indicator of pollution and possible contamination by pathogens.

## Feedlot -

A relatively small, confined area for the controlled feeding of animals that tends to concentrate large amounts of animal wastes that cannot be absorbed by the soil and, hence, may be carried to nearby streams or lakes by rainfall runoff.

## Fen -

A type of wetland that accumulates peat deposits. Fens are less acidic than bogs, deriving most of their water from groundwater rich in calcium and magnesium. (See: wetlands.)



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## **Fermentation -**

Chemical reactions accompanied by living microbes that are supplied with nutrients and other critical conditions such as heat, pressure, and light that are specific to the reaction at hand.

## **Fertilizer -**

Materials such as nitrogen and phosphorus that provide nutrients for plants. Commercially sold fertilizers may contain other chemicals or may be in the form of processed sewage sludge.

## **Field Sampling Plan -**

Provides guidance for all fieldwork by defining in detail the sampling and data-gathering methods to be used on a project.

## **Filling -**

Depositing dirt and mud or other materials into aquatic areas to create more dry land, usually for agricultural or commercial development purposes. Such activities often damage the ecology of the area.

## **Filtration -**

A treatment process, under the control of qualified operators, for removing solid (particulate) matter from water by passing the water through porous media such as sand or a man-made filter. The process is often used to remove particles that contain pathogenic organisms.

## **Finding of No Significant Impact (FNSI) -**

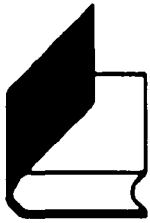
A document prepared by a federal agency that presents the reasons impact: why a proposed action would not have a significant impact on the environment and thus would not require preparation of an Environmental Impact Statement. An FNSI is based on the results of an environmental assessment.

## **First Draw -**

The water that immediately comes out when a tap is first opened. This water is likely to have the highest level of lead contamination from plumbing materials.

## **Floc -**

A clump of solids formed in sewage by biological or chemical action.



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## **Flocculation -**

The process by which clumps of solids in water or sewage are made to increase in size by biological or chemical action so that they can be separated from the water.

## **Floor Sweep -**

A vapor collection designed to capture vapors which are heavier than air and which collect along the floor.

## **Flowmeter -**

A gauge that shows the speed of wastewater moving through a treatment plant. Also used to measure the speed of liquids moving through various industrial processes.

## **Flue Gas -**

The air coming out of a chimney after combustion in the burner it is venting. It can include nitrogen oxides, carbon oxides, water vapor, sulfur oxides, particles and many chemical pollutants.

## **Flue Gas Desulfurization -**

A technology which uses a sorbent, usually lime or limestone, to remove sulfur dioxide from the gases produced by burning fossil fuels. Flue gas desulfurization is current the state-of-the art technology in use by major SO<sub>2</sub> emitter, e.g., power plants.

## **Flume -**

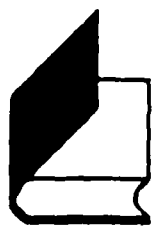
A natural or man-made channel that diverts water.

## **Fluorides -**

Gaseous, solid, or dissolved compounds containing fluorine that result from industrial processes. Excessive amounts in food can lead to fluor.

## **Fluorocarbon (FCs) -**

Any of a number of organic compounds analogous to hydrocarbons in which one or more hydrogen atoms are replaced by fluorine. Once used in the United States as a propellant in aerosols, they are now primarily used in coolants and some industrial processes. FCs containing chlorine are called chlorofluorocarbons (CFCs). They are believed to be modifying the ozone layer in the stratosphere, thereby allowing more harmful solar radiation to reach the Earth's surface.



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### Fluorosis -

An abnormal condition caused by excessive intake of fluorine, characterized chiefly by mottling of the teeth.

### Flush -

1. To open a cold-water tap to clear out all the water which may have been sitting for a long time in the pipes. In new homes, to flush a system means to send large volumes of water gushing through the unused pipes to remove loose particles of solder and flux.
2. To force large amounts of water through liquid to clean out piping or tubing, storage or process tanks.

### Fly Ash -

Non-combustible residual particles from the combustion process, carried by flue gas.

### Fogging -

Applying a pesticide by rapidly heating the liquid chemical so that it forms very fine droplets that resemble smoke or fog. It may be used to destroy mosquitoes, black flies, and similar pests.

### Food Chain -

A sequence of organisms, each of which uses the next, lower member of the sequence as a food source.

### Formaldehyde -

A colorless, pungent, irritating gas,  $\text{CH}_2\text{O}$ , used chiefly as a disinfectant and preservative and in synthesizing other compounds and resins.

### Formulation -

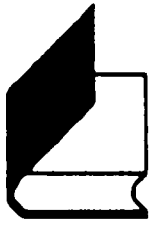
The substance or mixture of substances which is comprised of all active and inert ingredients in a pesticide.

### Fresh Water -

Water that generally contains less than 1,000 milligrams-per-liter of dissolved solids.

### Fuel Economy Standard -

The Corporate Average Fuel Economy Standard (CAFE) which went into effect in 1978. It was meant to enhance the national fuel conservation effort by slowing fuel consumption through a miles-per-gallon requirement for motor vehicles.



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## Fugitive Emissions -

Emissions not caught by a capture system.

## Fume -

Tiny particles trapped in vapor in a gas stream.

## Fumigant -

A pesticide that is vaporized to kill pests. Used in buildings and greenhouses.

## Functional Equivalent -

Term used to describe EPA's decision-making process and its relationship to the environmental review conducted under the National Environmental Policy Act (NEPA). A review is considered functionally equivalent when it addresses the substantive components of a NEPA review.

## Fungi -

(Singular, Fungus) Molds, mildews, yeasts, mushrooms, and puffballs, a group organisms that lack chlorophyll (i.e., are not photosynthetic) and which are usually non-mobile, filamentous, and multicellular. Some grow in the ground, others attach themselves to decaying trees and other plants, getting their nutrition from decomposing organic matter. Some cause disease, others stabilize sewage and break down solid wastes in composting.

## Fungicide -

Pesticides which are used to control, prevent, or destroy fungi.

## Game Fish -

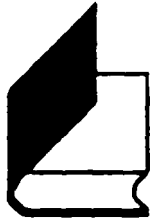
Species like trout, salmon, or bass, caught for sport. Many of them show more sensitivity to environmental change than "rough" fish.

## Gamma Radiation -

Gamma rays are true rays of energy in contrast to alpha and beta radiation. The properties are similar to x rays and other electromagnetic waves. They are the most penetrating waves of radiant nuclear energy but can be blocked by dense materials such as lead.

## Gasification -

Conversion of solid material such as coal into a gas for use as a fuel.



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## Geiger Counter -

An electrical device that detects the presence of certain types of radioactivity.

## Gene -

A length of DNA that directs the synthesis of a protein.

## Gene Library -

A collection of DNA fragments from cells or organisms. So far, no simple way for sorting the contents of gene libraries has been devised. However, DNA pieces can be moved into bacterial cells where sorting according to gene function becomes feasible.

## General Permit -

A permit applicable to a class or category of dischargers.

## Generator -

A facility or mobile source that emits pollutants into the air or releases hazardous wastes into water or soil.

## Genetic Engineering -

A process of inserting new genetic information into existing cells in order to modify any organism for the purpose of changing one of its characteristics.

## Germicide -

Any compound that kills disease-causing microorganisms.

## Grain Loading -

The rate at which particles are emitted from a pollution source. Measurement is made by the number of grains per cubic foot of gas emitted.

## Granular Activated Carbon Treatment -

A filtering system often used in small water systems and individual homes to remove organics. GAC can be highly effective in removing elevated levels of radon from water.

## Gray Water -

The term given to domestic wastewater composed of washwater from sinks, kitchen sinks, bathroom sinks and tubs, and laundry tubs.





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## Greenhouse Effect -

The warming of the Earth's atmosphere caused by a build-up of carbon dioxide or other trace gases; it is believed by many scientists that this build-up allows light from the sun's rays to heat the Earth but prevents a counterbalancing loss of heat.

## Grinder Pump -

A mechanical device which shreds solids and raises the fluid to a higher elevation through pressure sewers.

## Gross Alpha Particle Activity -

Total activity due to emission of alpha particles. Used as the screening measurement for radioactivity generally due to naturally-occurring radionuclides. Activity is commonly measured in picocuries.

## Gross Beta Particle Activity -

Total activity due to emission of beta particles. Used as the screening measurement for radioactivity from man-made radionuclides since the decay products of fission are beta particle and gamma ray emitters. Activity is commonly measured in picocuries.

## Ground Cover -

Plants grown to keep soil from eroding.

## Ground Water -

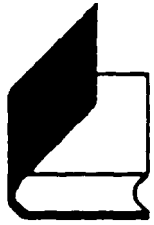
The supply of fresh water found beneath the Earth's surface, usually in aquifers, which is often used for supplying wells and springs. Because ground water is a major source of drinking water there is growing concern over areas where leaching agricultural or industrial pollutants or substances from leaking underground storage tanks are contaminating ground water.

## Habitat -

The place where a population (e.g., human, animal, plant, microorganism) lives and its surroundings, both living and non-living.

## Half-Life -

1. The time required for a pollutant to lose half its affect on the environment. For example, the half-life of DDT in the environment is 15 years, of radium, 1,580 years.
2. The time required for half of the atoms of a radioactive element to undergo decay.
3. The time required for the elimination of one half a total dose from the



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body.

## Halogen -

Any of a group of 5 chemically-related nonmetallic elements that includes bromine, fluorine, chlorine, iodine, and astatine.

## Halon -

Bromine containing compounds with long atmospheric lifetimes whose breakdown in the stratosphere cause depletion of ozone. Halons are used in fire fighting.

## Hammermill

A high-speed machine that hammers and cutters use to crush, grind, chip, or shred solid wastes.

## Hard Water -

Alkaline water containing dissolved salts that interfere with some industrial processes and prevent soap from lathering.

## Hazard quotient -

The ratio of a single substance exposure level over a specified time period (e.g., subchronic) to a reference dose for that substance derived from a similar exposure period.

## Hazardous Air Pollutants -

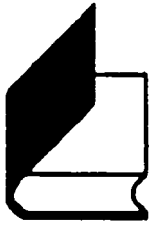
Air pollutants which are not covered by ambient air quality standards but which, as defined in the Clean Air Act, may reasonably be expected to cause or contribute to irreversible illness or death. Such pollutants include asbestos, beryllium, mercury, benzene, coke oven emissions, radionuclides, and vinyl chloride.

## Hazardous Ranking System -

The principle screening tool used by EPA to evaluate risks to public health and the environment associated with abandoned or uncontrolled hazardous waste sites. The HRS calculates a score based on the potential of hazardous substances spreading from the site through the air, surface water, or ground water and on other factors such as nearby population. This score is the primary factor in deciding if the site should be on the National Priorities List and, if so, what ranking it should have compared to other sites on the list.

## Hazardous Substance -

1. Any material that poses a threat to human health and/or the



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environment. Typical hazardous substances are toxic, corrosive, ignitable, explosive, or chemically reactive.

2. Any substance designated by EPA to be reported if a designated quantity of the substance is spilled in the waters of the United States or if otherwise emitted to the environment.

## Hazardous Waste -

By-products of society that can pose a substantial or potential hazard to human health or the environment when improperly managed. Possesses at least one of four characteristics (ignitability, corrosivity, reactivity, or toxicity), or appears on special EPA lists.

## Hazards Analysis -

The procedures involved in:

- (1) identifying potential sources of release of hazardous materials from fixed facilities or transportation accidents;
- (2) determining the vulnerability of a geographical area to a release of hazardous materials; and
- (3) comparing hazards to determine which present greater or lesser risks to a community.

## Hazards identification -

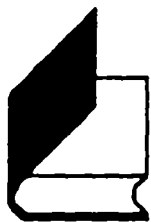
1. Providing information on which facilities have extremely hazardous substances, what those chemicals are, and how much there is at each facility. The Process also provides information on how the chemicals are stored and whether they are used at high temperatures.
2. The process of determining whether exposure to an agent can cause an increase in the incidence of a particular adverse health effect (e.g., cancer, birth defect) and whether the adverse health effect is likely to occur in humans.

## Heat Island Effect -

A "dome" of elevated temperatures over an urban area caused by structural and pavement heat fluxes, and pollutant emissions from the area below the dome.

## Heavy Metals -

Metallic elements with high atomic weights, e.g., mercury, chromium, cadmium, arsenic, and lead. They can damage living things at low concentrations and tend to accumulate in the food chain.



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### Heptachlor -

An insecticide that was banned on some food products in 1975 and all of them 1978. It was allowed for use in seed treatment until in 1983. More recently it was found in milk and other dairy products in Arkansas and Missouri, as a result of illegally feeding treated seed to dairy cattle.

### Herbicide -

A chemical pesticide designed to control or destroy plants, weeds, or grasses.

### Herbivore -

An animal that feeds on plants.

### Heterotrophic Organisms -

Consumers such as humans and animals, and decomposers—chiefly bacteria and fungi—that are dependent on organic matter for food.

### High-Density Polyethylene -

A material that produces toxic fumes when burned. Used to make plastic bottles and other products.

### High-Level Radioactive Waste (HLW) -

Waste generated in the fuel of a nuclear reactor, found at nuclear reactors or nuclear fuel reprocessing plants. It is a serious threat to anyone who comes near the wastes without shielding. (See Low-Level Radioactive Waste).

### Holding Pond -

A pond or reservoir, usually made of earth, built to store polluted runoff.

### Hood Capture Efficiency -

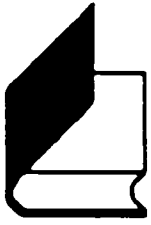
The emissions from a process which are captured by hood and directed into the control device, expressed as a percent of all emissions.

### Host -

1. In genetics, the organism, typically a bacterium, into which a gene from another organism is transplanted.
2. In medicine, an animal infected by or parasitized by another organism.

### Humus -

Decomposed organic material.



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## Hybrid -

A cell or organism resulting from a cross between two unlike plant or animal cells or organisms.

## Hybridoma -

A hybrid cell that produces monoclonal antibodies in large quantities.

## Hydrocarbons (HC) -

Chemical compounds that consist entirely of carbon and hydrogen.

## Hydrogen Sulfide (HS) -

Gas emitted during organic decomposition. Also a byproduct of oil refining and burning. It smells like rotten eggs and, in heavy concentration, can cause illness.

## Hydrogeology -

The geology of ground water, with particular emphasis on the chemistry and movement of water.

## Hydrology -

The science dealing with the properties, distribution, and circulation of water.

## Ignitable -

Capable of burning or causing a fire.

## Immediately Dangerous to Life and Health (IDLH) -

The maximum level to which a healthy individual can be exposed to a chemical for 30 minutes and escape without suffering irreversible health effects or impairing symptoms. Used as a "level of concern." (See: level of concern.)

## Impoundment -

A body of water or sludge confined by a dam, dike, floodgate, or other barrier.

## In Vitro -

1. "In glass"; a test-tube culture.
2. Any laboratory test using living cells taken from an organism.



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## In Vivo -

In the living body of a plant or animal. In vivo tests are those laboratory experiments carried out on whole animals or human volunteers.

## Incineration -

1. Burning of certain types of solid, liquid or gaseous materials.
2. A treatment technology involving destruction of waste by controlled burning at high temperatures, e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash which can be disposed of safely on land, in some waters or in underground locations.

## Incineration at Sea -

Disposal of waste by burning at sea on specially-designed incinerator ships.

## Incinerator -

A furnace for burning wastes under controlled conditions.

## Indicator -

In biology, an organism, species, or community whose characteristics show the presence of specific environmental conditions.

## Indirect Discharge -

Introduction of pollutants from a non-domestic source into a publicly owned waste treatment system. Indirect dischargers can be commercial or industrial facilities whose wastes go into the local sewers.

## Indoor Air -

The breathing air inside a habitable structure or conveyance.

## Indoor Air Pollution -

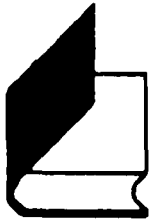
Chemical, physical, or biological contaminants in indoor air.

## Indoor Climate -

Temperature, humidity, lighting and noise levels in a habitable structure or conveyance. Indoor climate can affect indoor air pollution.

## Inert Ingredient -

Pesticide components such as solvents, carriers, and surfactants that are not active against target pests. Not all inert ingredients are innocuous.



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## Inertial Separator -

A device that uses centrifugal force to separate waste particles.

## Infiltration -

1. The penetration of water through the ground surface into sub-surface soil or the penetration of water from the soil into sewer or other pipes through defective joints, connections, or manhole walls.
2. A land application technique where large volumes of waste water are applied to land, allowed to penetrate the surface and percolate through the underlying soil. (See: percolation.)

## Inflow -

Entry of extraneous rain water into a sewer system from sources other than infiltration, such as basement drains, manholes, storm drains, and street washing.

## Influent -

Water, wastewater, or other liquid flowing into a reservoir, basin, or treatment plant.

## Information File -

In the Superfund program, a file that contains accurate, up-to-date documents on a Superfund site. The file is usually located in a public building such as a school, library, or city hall that is convenient for local residents.

## Injection Well -

A well into which fluids are injected for purposes such as waste disposal, improving the recovery of crude oil, or solution mining.

## Injection Zone -

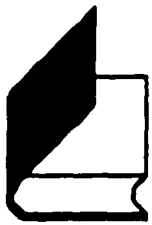
A geological formation, group of formations, or part of a formation receiving fluids through a well.

## Inoculum -

1. Bacterium placed in compost to start biological action.
2. A medium containing organisms which is introduced into cultures or living organisms.

## Inorganic Chemicals -

Chemical substances of mineral origin, not of basically carbon structure.



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## Insecticide -

A pesticide compound specifically used to kill or control the growth of insects.

## Inspection and Maintenance (I/M) -

1. Activities to assure proper emissions related operation of mobile sources of air pollutants, particularly automobile emissions controls.
2. Also applies to wastewater treatment plants and other anti-pollution facilities and processes.

## Instream Use -

Water use taking place within a stream channel, e.g., hydro-electric power generation, navigation, water-quality.

## Intake -

A measure of exposure expressed as the mass of substance in contact with the exchange boundary per unity body weight per unit time (e.g., mg/kg-day). Also termed the normalized exposure rate.

## Integrated Pest Management (IPM) -

A mixture of pesticide and non-pesticide methods to control pests.

## Integrated Risk Information System (IRIS) -

IRIS is an EPA data base containing verified RfDs and slope factors and up-to-date health risk and EPA regulatory information for numerous chemicals. IRIS is EPA's preferred source for toxicity information for Superfund.

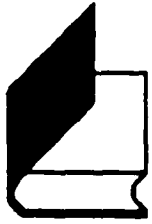
## Interceptor Sewers -

Large sewer lines that, in a combined system, control the flow of the sewage to the treatment plant. In a storm, they allow some of the sewage to flow directly into a receiving stream, thus preventing an overload by a sudden surge of water into the sewers. They are also used in separate systems to collect the flows from main and trunk sewers and carry them to treatment points.

## Interim (Permit) Status -

Period during which treatment, storage and disposal facilities coming under RCRA in 1980 are temporarily permitted to operate while awaiting denial or issuance of a permanent permit. Permits issued under these circumstances are usually called "Part A" or "Part B" permits.





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## Interstate Carrier Water Supply -

A source of water for drinking and sanitary use on planes, buses, trains, and ships operating in more than one state. These sources are federally regulated.

## Interstate Waters -

Waters that flow across or form part of state or international boundaries, e.g., the Great Lakes, the Mississippi River, or coastal waters.

## Interstitial Monitoring -

The continuous surveillance of the space between the walls of an underground storage tank.

## Inventory -

TSCA inventory of chemicals produced pursuant to Section 8 (b) of the Toxic Substances Control Act.

## Inversion -

An atmospheric condition caused by a layer of warm air preventing the rise of cooling air trapped beneath it. This prevents the rise of pollutants that might otherwise be dispersed and can cause an air pollution episode.

## Ion -

An electrically charged atom or group of atoms which can be drawn from waste water during the electro dialysis process.

## Ion Exchange Treatment -

A common water softening method often found on a large scale at water purification plants that remove some organics and radium by adding calcium oxide or calcium hydroxide to increase the pH to a level where the metals will precipitate out.

## Ionization Chamber -

A device that measures the intensity of ionizing radiation.

## Ionizing Radiation -

Radiation that can remove electrons from atoms, i.e., alpha, beta, and gamma radiation.

## Irradiated Food -

Food that has been subject to brief radioactivity, usually by gamma rays, to kill insects, bacteria, and mold, and preserve it without refrigeration or freezing.



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## Irradiation -

Exposure to radiation of wavelengths shorter than those of visible light (gamma, x-ray, or ultraviolet), for medical purposes, the destruction of bacteria in milk or other foodstuffs, or for inducing polymerization of monomers or vulcanization of rubber.

## Irrigation

Technique for applying water or wastewater to land areas to supply the water and nutrient needs of plants.

## Isotope -

A variation of an element that has the same atomic number but a different weight because of its neutrons. Various isotopes of the same element may have different radioactive behaviors.

## Kinetic Rate Coefficient -

A number that describes the rate at which a water constituent such as a biochemical oxygen demand or dissolved oxygen increases or decreases.

## Lagoon -

1. A shallow pond where sunlight, bacterial action, and oxygen work to purify wastewater; also used to storage of wastewaters or spent nuclear fuel rods.
2. Shallow body of water, often separated from the sea by coral reefs or sandbars.

## Land Application -

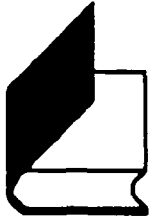
Discharge of wastewater onto the ground for treatment or reuse. (See: irrigation.)

## Land Farming (of waste) -

A disposal process in which hazardous waste deposited on or in the soil is naturally degraded by microbes.

## Landfills -

1. Sanitary landfills are land disposal sites for non-hazardous solid wastes at which the waste is spread in layers, compacted to the smallest practical volume, and cover material applied at the end of each operating day.
2. Secure chemical landfills are disposal sites for hazardous waste. They are selected and designed to minimize the chance of release of hazardous substances into the environment.



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## Lateral Sewers -

Pipes that run under city streets and receive the sewage from homes and businesses.

## LC50/Lethal Concentration -

Median level concentration, a standard measure of toxicity. It tells how much of a substance is needed to kill half of a group of experimental organisms at a specific time of observation. (See LD50.)

## LD 0 -

The highest concentration of a toxic substance at which none of the test organisms die.

## LD 50/ Lethal Dose -

The dose of a toxicant that will kill 50 percent of the test organisms within a designated period of time. The lower the LD 50, the more toxic the compound.

## LD L0 -

The lowest concentration and dosage of a toxic substance which kills test organisms.

## Leachate -

A liquid that results from water collecting contaminants as it trickles through wastes, agricultural pesticides or fertilizers. Leaching may occur in farming areas, feedlots, and landfills, and may result in hazardous substances entering surface water, ground water, or soil.

## Leachate Collection System -

A system that gathers leachate and pumps it to the surface for treatment.

## Leaching -

The process by which soluble constituents are dissolved and carried down through the soil by a percolating fluid. (See: leachate.)

## Lead (PE) -

A heavy metal that is hazardous to health if breathed or swallowed. Its use in gasoline, paints, and plumbing compounds has been sharply restricted or eliminated by federal laws and regulations. (See: heavy metals.)

## Leaded Gasoline -

Gasoline to which lead has been added to raise the octane level.



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## Level of Concern (LOC) -

The concentration in air of an extremely hazardous substance above which there may be serious immediate health effects to anyone exposed to it for short periods of time.

## Lift -

In a sanitary landfill, a compacted layer of solid waste and the top layer of cover material.

## Lifting Station -

(See: pumping station.)

## Limestone Scrubbing -

Process in which sulfur gases moving towards a smokestack are passed through a limestone and water solution to remove sulfur before it reaches the atmosphere.

## Limiting Factor -

A condition, whose absence, or excessive concentration, is incompatible with the needs or tolerance of a species or population and which may have a negative influence on their ability to grow or even survive.

## Limnology -

The study of the physical, chemical, meteorological, and biological aspects of fresh water.

## Liner -

1. A relatively impermeable barrier designed to prevent leachate from leaking from a landfill. Liner materials include plastic and dense clay.
2. An insert or sleeve for sewer pipes to prevent leakage or infiltration.

## Lipid Solubility -

The maximum concentration of a chemical that will dissolve in fatty substances; lipid soluble substances are insoluble in water. If a substance is lipid soluble it will very selectively disperse through the environment via living tissue.

## Liquefaction -

Changing a solid into a liquid.



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## List -

Shorthand term for EPA list of violating facilities or lists of firms debarred from obtaining government contracts because they violated certain sections of the Clean Air or Clean Water Acts. The list is maintained by the Office of Enforcement and Compliance Monitoring.

## Listed Waste -

Wastes listed as hazardous under RCRA but which have not been subjected to the Toxic Characteristics Listing Process because the dangers they present are considered self-evident.

## Local Emergency Planning Committee (LEPC) -

A committee appointed by the state emergency response commission, as required by SARA Title III to formulate a comprehensive emergency plan for its jurisdiction.

## Low Level Radioactive Waste (LLRW) -

Wastes less hazardous than most of those generated by a nuclear reactor. Usually generated by hospitals, research laboratories, and certain industries. The Department of Energy, Nuclear Regulatory Commission, and EPA share responsibilities for managing them. (See: high-level radioactive wastes.)

## Lower Explosive Limit (LEL) -

The concentration of a compound in air below which a flame will not propagate if the mixture is ignited.

## Lowest Achievable Emission Rate -

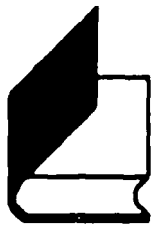
Under the Clean Air Act, this is the rate of emissions which reflects (a) the most stringent emission limitation which is contained in the implementation plan of any state for such source unless the owner or operator of the proposed source demonstrates such limitations are not achievable; or (b) the most stringent emissions limitation achieved in practice, which ever is more stringent. Application of this term does not permit a proposed new or modified source to emit pollutants in excess of existing new source standards.

## Lowest-Observed-Adverse-Effect Level -

(LOAEL) In dose-response experiments, the experimental exposure level representing the lowest level tested at which adverse effects were demonstrated.

## Major Modification

This term is used to define modifications with respect to Prevention of



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Significant Deterioration and New Source Review under the Clean Air Act and refers to modifications to major stationary sources of emissions and provides significant pollutant increase levels below which a modification is not considered major.

## Major Stationary Sources -

Term used to determine to applicability of Prevention of Significant Deterioration and new source regulations. In a nonattainment area, any stationary pollutant source that has a potential to emit more than 100 tons per year is considered a major stationary source. In PSD areas the cutoff level may be either 100 or 250 tons, depending upon the type of source.

## Manufacturers Formulation -

A list of substances or component parts as described by the maker of a coating, pesticide.

## Marine Sanitation Device -

Any equipment installed on board a vessel to receive, retain, treat, or discharge sewage and any process to treat such sewage.

## Marsh -

A type of wetland that does not accumulate appreciable peat deposits and is dominated by herbaceous vegetation. Marshes may be either fresh or saltwater and tidal or non-tidal. (See: wetlands.)

## Matabolite -

Any substance produced in or by biological processes and derived from a pesticide.

## Material Safety Data Sheet (MSDS) -

A compilation of information required under the OSHA Communication Standard on the identity of hazardous chemicals, health, and physical hazards, exposure limits, and precautions. Section 311 of SARA requires facilities to submit MSDSs under certain circumstances.

## Maximum Contaminant Level -

The maximum permissible level of a contaminant in water delivered to any user of a public water system. MCLs are enforceable standards.

## Mechanical Aeration -

Use of mechanical energy to inject air into water to cause a waste stream to absorb oxygen.



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**Mechanical Turbulence -**

Random irregularities of fluid motion in air caused by buildings or mechanical, non-thermal, processes.

**Media -**

Specific environments--air, water, soil--which are the subject of regulatory concern and activities.

**Mercury -**

A heavy metal that can accumulate in the environment and is highly toxic if breathed or swallowed. (See: heavy metals.)

**Methane -**

A colorless, nonpoisonous, flammable gas created by anaerobic decomposition of organic compounds.

**Method 18 -**

An EPA test method which uses gas chromatographic techniques to measure the concentration of individual volatile organic compounds in a gas stream.

**Method 24 -**

An EPA reference method to determine density, water content and total volatile content (water and VOC) of coatings.

**Method 25 -**

An EPA reference method to determine the VOC concentration in gas stream.

**Microbes -**

Microscopic organisms such as algae, animals, viruses, bacteria, fungus, and protozoa, some of which cause diseases. (See: microorganism.)

**Microbial Pesticide -**

A microorganism that is used to control a pest. They are of low toxicity to man.

**Microorganism -**

Living organisms so small that individually they can usually only be seen through a microscope.

**Million-gallons Per Day (MGD) -**

A measure of water flow.



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## **Mist -**

Liquid particles measuring 500 to 40 microns, that are formed by condensation of vapor. By comparison, "fog" particles are smaller than 40 microns.

## **Mitigation -**

Measures taken to reduce adverse impacts on the environment.

## **Mixed Liquor -**

A mixture of activated sludge and water containing organic matter undergoing activated sludge treatment in an aeration tank.

## **Mobile Source -**

A moving producer of air pollution, mainly forms of transportation such as cars, trucks, motorcycles, airplanes.

## **Model Plant -**

A description of a typical but theoretical plant used for developing economic, environmental impact and energy impact analyses as support for regulations or regulatory guidelines. It is an imaginary plant, with features of existing or future plants used to estimate the cost of incorporating air pollution control technology as the first step in exploring the economic impact of a potential NSPS.

## **Modeling -**

An investigative technique using a mathematical or physical representation of a system or theory that accounts for all or some its known properties. Models are often used to test the effect of changes of system components on the overall performance of the system.

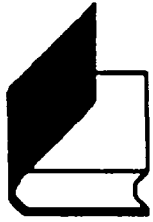
## **Monitoring -**

Periodic or continuous surveillance or testing to determine the level of compliance with statutory requirements and/or pollutant levels in various media or in humans, animals, and other living things.

## **Monitoring Wells -**

Wells drilled at a hazardous waste management facility or Superfund site to collect ground-water samples for the purpose of physical, chemical, or biological analysis to determine the amounts, types, and distribution of contaminants in the ground water beneath the site.





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## **Monoclonal Antibodies -**

(Also called MABs and MCAs) Molecules of living organisms that selectively find and attach to other molecules to which their structure conforms exactly. This could also apply to equivalent activity by chemical molecules.

## **Muck Soils -**

Earth made from decaying plant materials.

## **Mulch -**

A layer of material (wood chips, straw, leaves, etc.) placed around plants to hold moisture, prevent weed growth, protect the plants, and enrich the soil.

## **Multiple Use -**

Use of land for more than one purpose; i.e., grazing of livestock, wildlife production, recreation, watershed, and timber production. Could also apply to use of bodies of water for recreational purposes, fishing, and water supply.

## **Mutagen -**

Any substance that can cause a change in genetic material.

## **Mutate -**

To bring about a change in the genetic constitution of a cell by altering its DNA. In turn, "mutagenesis" is any process by which cells are mutated.

## **National Ambient Air Quality Standards (NAAQS) -**

Air quality standards established by EPA that apply to outside air.

## **National Emissions Standards For Hazardous Air Pollutants -**

Also known as NESHAPS, these emissions standards set by EPA for an air pollutant not covered by NAAQS that may cause an increase in deaths or in serious, irreversible, or incapacitating illness. Primary standards are designed to protect human health, secondary standards to protect public welfare.

## **National Oil and Hazardous Substances Contingency Plan -**

The federal regulation that guides determination of the sites to be corrected under the Superfund program and the program to prevent or control spills into surface waters or other portions of the environment. [Also known as NOHSCP/NCP].



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### National Pollutant Discharge Elimination System (NPDES) -

A provision of the Clean Water Act which prohibits discharge of pollutants into waters of the United States unless a special permit is issued by EPA, a state, or (where delegated) a tribal government on an Indian reservation.

### National Priorities List (NPL) -

EPA's list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under Superfund. A site must be on the NPL to receive money from the Trust Fund for remedial action. The list is based primarily on the score a site receives from the Hazard Ranking System. EPA is required to update the NPL at least once a year.

### National Response Center -

The federal operations center that receives notifications of all releases of oil and hazardous substances into the environment. The Center, open 24 hours a day, is operated by the U.S. Coast Guard, which evaluates all reports and notifies the appropriate agency.

### National Response Team (NRT) -

Representatives of 13 federal agencies that, as a team, coordinate federal responses to nationally significant incidents of pollution and provide advice and technical assistance to the responding agency(ies) before and during a response action.

### Natural Gas -

A natural fuel containing primarily methane and ethane that occurs in certain geologic formations.

### Natural Selection -

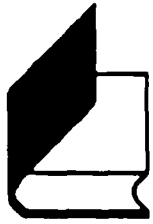
The process of survival of the fittest, by which organisms that adapt to their environment survive and those that do not disappear.

### Naturally Occurring Background Levels -

Ambient concentrations of chemicals that are present in the environment and have not been influenced by humans (e.g., aluminum, manganese).

### Navigable Waters -

Traditionally, waters sufficiently deep and wide for navigation by all, or specified sizes of vessels; such waters in the United States come under federal jurisdiction and are included in certain provisions of the Clean Water Act.



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## Necrosis -

Death of plant or animal cells. In plants, necrosis can discolor areas on the plant or kill it entirely.

## Nematocide -

A chemical agent which is destructive to nematodes (round worms or threadworms.)

## Neutralization -

Decreasing the acidity or alkalinity of a substance by adding to it alkaline or acidic materials respectively.

## New Source -

Any stationary source which is built or modified after publication of final or proposed regulations that prescribe a standard of performance which is intended to apply to that type of emission source.

## New Source Performance Standards (NSPS) -

Uniform national EPA air emission and water effluent standards which limit the amount of pollution allowed from new sources or from existing sources that have been modified.

## Nitrate -

A compound containing nitrogen which can exist in the atmosphere or as a dissolved gas in water and which can have harmful effects on humans and animals. Nitrates in water can cause severe illness in infants and cows.

## Nitric Oxide (NO) -

A gas formed by combustion under high temperature and high pressure in an internal combustion engine. It changes into nitrogen dioxide in the ambient air and contributes to photochemical smog.

## Nitrification -

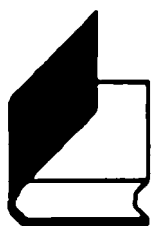
The process whereby ammonia in wastewater is oxidized to nitrite and then to nitrate by bacterial or chemical reactions.

## Nitrilotriacetic Acid (NTA) -

A compound being used to replace phosphates in detergents:

## Nitrite -

1. An intermediate in the process of nitrification.
2. Nitrous oxide salts used in food preservation



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### Nitrogen Dioxide (NO<sub>2</sub>) -

The result of nitric oxide combining with oxygen in the atmosphere. A major component of photochemical smog.

### Nitrogen Oxide (NO<sub>x</sub>) -

Product of combustion from transportation and stationary sources and major contributor to the formation of ozone in the troposphere and acid deposition.

### Nitrogenous Wastes -

Animal or vegetable residues that contain significant amounts of nitrogen.

### No-Observed-Effect-Level -

In dose-response experiments, the experimental exposure level representing the highest level tested at which no effects at all were demonstrated.

### Non-Attainment Area -

Geographic area which does not meet one or more of the National Ambient Air Quality Standards for the criteria pollutants designated in the Clean Air Act.

### Non-Community Water System -

A public water system that is not a community water system, e.g., the water supply at a camp site or national park.

### Non-Conventional Pollutant -

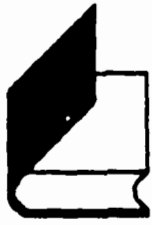
Any pollutant which is not a statutorily listed or which is poorly understood by the scientific community.

### Non-detects -

Chemicals that are not detected in a particular sample above a certain limit. This limit usually will be the quantitation limit for the chemical in that sample. (Note, however, that it is possible to detect and estimate concentrations of chemicals below the quantitation limit but above the detection limit.)

### Non-ionizing Electromagnetic Radiation -

1. Radiation that does not change the structure of atoms but does heat tissue and may cause harmful biological effects.
2. Microwaves, radio waves, and low frequency electromagnetic fields from high voltage transmission lines.



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## Non-Observed-Adverse-Effect-Level (NOAEL). -

In dose-response experiments, the experimental exposure level representing the highest level tested at which no adverse effects were demonstrated.

## Non-Point Source -

Pollution sources which are diffuse and do not have a single point of origin or are not introduced into a receiving stream from a specific outlet. The pollutants are generally carried off the land by stormwater runoff. The commonly used categories for non-point sources are: agriculture, forestry, urban, mining, construction, dams and channels, land disposal, and saltwater intrusion.

## Nuclear Power Plant -

A facility that converts atomic energy into usable power; heat produced by a reactor makes steam to drive turbines which produce electricity.

## Nuclear Winter -

Prediction by some scientists that smoke and debris rising from massive fires resulting from a nuclear war could enter the atmosphere and block out sunlight for weeks or months. The scientists making this prediction project a cooling of the earth's surface, and changes in climate which could, for example, negatively effect world agricultural and weather patterns.

## Nutrient -

Any substance assimilated by living things that promotes growth. The term is generally applied to nitrogen and phosphorus in wastewater, but is also applied to other essential and trace elements.

## Off-Site Facility -

A hazardous waste treatment, storage or disposal area that is located at a place away from the generating site.

## Oil Fingerprinting -

A method that identifies sources of oil and allows spills to be traced back to their source.

## Oil Spill -

An accidental or intentional discharge of oil which reaches bodies of water. Can be controlled by chemical dispersion, combustion, mechanical containment, and/or adsorption.



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## Oligotrophic Lakes -

Deep clear lakes with low nutrient supplies. They contain little organic matter and have a high dissolved-oxygen level.

## On-Scene Coordinator (OSC) -

The predesignated EPA, Coast Guard, or Department of Defense official who coordinates and directs Superfund removal actions or Clean Water Act oil-or hazardous-spill corrective actions.

## On-Site Facility -

A hazardous waste treatment, storage or disposal area that is located on the generating site.

## Oncogenic -

A substance that causes tumors, whether benign or malignant.

## Opacity -

The amount of light obscured by particulate pollution in the air; clear window glass has a zero opacity, a brick wall has 100 percent opacity. Opacity is used as an indicator of changes in performance of particulate matter pollution control systems.

## Open Burning -

Uncontrolled fires in an open dump.

## Open Dump -

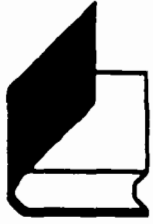
An uncovered site used for disposal of waste without environmental controls. (See: dump.)

## Operable Unit -

Term for each of a number of separate activities undertaken as part of a Superfund site cleanup. A typical operable unit would be removing drums and tanks from the surface of a site.

## Operation And Maintenance -

1. Activities conducted at a site after a Superfund site action is completed to ensure that the action is effective and operating properly.
2. Actions taken after construction to assure that facilities constructed to treat waste water will be properly operated, maintained, and managed to achieve efficiency levels and prescribed effluent limitations in an optimum manner.



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## Organic -

1. Referring to or derived from living organisms.
2. In chemistry, any compound containing carbon.

## Organic Chemicals/Compounds -

Animal or plant-produced substances containing mainly carbon, hydrogen, and oxygen.

## Organic Matter -

Carbonaceous waste contained in plant or animal matter and originating from domestic or industrial sources.

## Organism -

Any living thing.

## Organophosphates -

Pesticide chemicals that contain phosphorus; used to control insects. They are short-lived, but some can be toxic when first applied.

## Organotins -

Chemical compounds used in anti-foulant paints to protect the hulls of boats and ships, buoys, and dock pilings from marine organisms such as barnacles.

## Osmosis -

The tendency of a fluid to pass through a permeable membrane such as the wall of a living cell into a less concentrated solution so as to equalize the concentrations on both sides of the membrane.

## Outfall -

The place where an effluent is discharged into receiving waters.

## Overburden -

The rock and soil cleared away before mining.

## Overfire Air -

Air forced into the top of an incinerator or boiler to fan the flames.

## Overland Flow -

A land application technique that cleanses waste water by allowing it to flow over a sloped surface. As the water flows over the surface, the contaminants are removed and the water is collected at the bottom of the slope for reuse.



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## Overtturn -

The period of mixing (turnover), by top to bottom circulation, of previously stratified water masses. This phenomenon may occur in spring and/or fall, or after storms. It results in a uniformity of chemical and physical properties of the water at all depths.

## Oxidant -

A substance containing oxygen that reacts chemically in air to produce a new substance. The primary ingredient of photochemical smog.

## Oxidation -

1. The addition of oxygen which breaks down organic waste or chemicals such as cyanides, phenols, and organic sulfur compounds in sewage by bacterial and chemical means.
2. Oxygen combining with other elements.
3. The process in chemistry whereby electrons are removed from a molecule.

## Oxidation Pond -

A man-made lake or body of water in which waste is consumed by bacteria. It is used most frequently with other waste-treatment processes. An oxidation pond is basically the same as a sewage lagoon.

## Oxygenated Solvent -

An organic solvent containing oxygen as part of the molecular structure. Alcohols and ketones are oxygenated compounds often used as paint solvents.

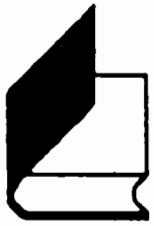
## Ozonator -

A device that adds ozone to water.

## Ozone (O<sub>3</sub>) -

Found in two layers of the atmosphere, the stratosphere and the troposphere. In the stratosphere (the atmospheric layer beginning 7 to 10 miles above the earth's surface) ozone is a form of oxygen found naturally which provides a protective layer shielding the earth from ultraviolet radiation's harmful health effects on humans and the environment. In the troposphere (the layer extending up 7 to 10 miles from the earth's surface), ozone is a chemical oxidant and major component of photochemical smog. Ozone can seriously affect the human respiratory system and is one of the most prevalent and widespread of all the criteria pollutants for which the Clean Air Act required EPA to set standards. Ozone in the troposphere is produced through complex chemical reactions of nitrogen oxides, which are among the primary





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pollutants emitted by combustion sources; hydrocarbons, released into the atmosphere through the combustion, handling and processing of petroleum products; and sunlight.

## **Ozone Depletion -**

Destruction of the stratospheric ozone layer which shields the earth from ultraviolet radiation harmful to biological life. This destruction of ozone is caused by the breakdown of certain chlorine and/or bromine containing compounds (chlorofluorocarbons or halons) which break down when they reach the stratosphere and catalytically destroy ozone molecules.

## **Packed Tower -**

A pollution control device that forces dirty air through a tower packed with crushed rock or wood chips while liquid is sprayed over the packing material. The pollutants in the air stream either dissolve or chemically react with the liquid.

## **Pandemic -**

Widespread throughout an area, nation or the world.

## **Paraquat -**

A standard herbicide used to kill various types of crops, including marijuana.

## **Part A Permit, Part B Permit -**

(See Interim Permit Status.)

## **Particulate Loading -**

The mass of particulates per unit volume of air or water.

## **Particulates -**

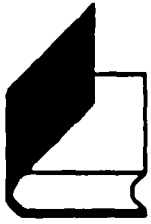
Fine liquid or solid particles such as dust, smoke, mist, fumes, or smog, found in air or emissions.

## **Pathogenic -**

Capable of causing disease.

## **Pathogens -**

Microorganisms that can cause disease in other organisms or in humans, animals and plants. They may be bacteria, viruses, or parasites and are found in sewage, in runoff from animal farms or rural areas populated with domestic



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and/or wild animals, and in water used for swimming. Fish and shellfish contaminated by pathogens, or the contaminated water itself, can cause serious illnesses.

### PCBs

A group of toxic, persistent chemicals (polychlorinated biphenyls) used in transformers and capacitors for insulating purposes and in gas pipeline systems as a lubricant. Further sale of new use was banned by law in 1979.

### Percolation

The movement of water downward and radially through the sub-surface soil layers, usually continuing downward to the ground water.

### Permeability -

The rate at which liquids pass through soil or other materials in a specified direction.

### Permit -

An authorization, license, or equivalent control document issued by EPA or an approved state agency to implement the requirements of an environmental regulation; e.g., a permit to operate a wastewater treatment plant or to operate a facility that may generate harmful emissions.

### Persistence -

Refers to the length of time a compound, once introduced into the environment, stays there. A compound may persist for less than a second or indefinitely.

### Persistent Pesticides -

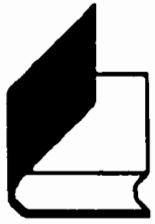
Pesticides that do not break down chemically or break down very slowly and that remain in the environment after a growing season.

### Pest -

An insect, rodent, nematode, fungus, weed or other form of terrestrial or aquatic plant or animal life or virus, bacterial or microorganism that is injurious to health or the environment.

### Pesticide -

Substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Also, any substance or mixture of substances intended for use as a plant regulator, defoliant, or desiccant. Pesticides can accumulate in the food chain and/or contaminate the environment if misused.



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## Pesticide Tolerance -

The amount of pesticide residue allowed by law to remain in or on a harvested crop. By using various safety factors, EPA sets these levels well below the point where the chemicals might be harmful to consumers.

## pH -

A measure of the acidity or alkalinity of a liquid or solid material.

## Phenols -

Organic compounds that are by-products of petroleum refining, tanning, and textile, dye, and resin manufacturing. Low concentrations cause taste and odor problems in water; higher concentrations can kill aquatic life and humans.

## Pheromone -

Hormonal chemical produced by female of a species to attract a mate.

## Phosphates -

Certain chemical compounds containing phosphorus.

## Phosphorus -

An essential chemical food element that can contribute to the eutrophication of lakes and other water bodies. Increased phosphorus levels result from discharge of phosphorus-containing materials into surface waters.

## Photochemical Smog -

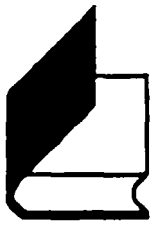
Air pollution caused by chemical reactions.

## Photosynthesis -

The manufacture by plants of carbohydrates and oxygen from carbon dioxide and water in the presence of chlorophyll, using sunlight as an energy source.

## Physical and Chemical Treatment -

Processes generally used in large-scale waste-water treatment facilities. Physical processes may involve air-stripping or filtration. Chemical treatment includes coagulation, chlorination, or ozone addition. The term can also refer to treatment processes, treatment of toxic materials in surface waters and ground waters, oil spills, and some methods of dealing with hazardous materials on or in the ground.



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## Phytoplankton -

That portion of the plankton community comprised of tiny plants, e.g., algae, diatoms.

## Phytotoxic -

Something that harms plants.

## Picocurie -

Measurement of radioactivity. A picocurie is one million millionth, or a trillionth, of a curie, and represents about 2.2 radioactive particle disintegrations per minute.

## Picocuries Per Liter pCi/L) -

A unit of measure used for expressing levels of radon gas. (See picocurie.)

## Pig -

A container, usually lead, used to ship or store radioactive materials.

## Pile -

1. The fuel element in a nuclear reactor.
2. A heap of waste.

## Plankton -

Tiny plants and animals that live in water.

## Plasmid -

A circular piece of DNA that exists apart from the chromosome and replicates independently of it. Bacterial plasmids carry information that renders the bacteria resistant to antibiotics. Plasmids are often used in genetic engineering to carry desired genes into organisms.

## Plastics -

Non-metallic compounds that result from a chemical reaction, and are molded or formed into rigid or pliable construction materials or fabrics.

## Plugging -

1. The act or process of stopping the flow of water, oil, or gas into or out of a formation through a borehole or well penetrating that formation.
2. Stopping a leak or sealing off a pipe or hose.



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## Plume -

1. A visible or measurable discharge of a contaminant from a given point of origin. Can be visible or thermal in water, or visible in the air as, for example, a plume of smoke.
2. The area of measurable and potentially harmful radiation leaking from a damaged reactor.
3. The distance from a toxic release considered dangerous for those exposed to the leaking fumes.

## Plutonium -

A radioactive metallic element similar chemically to uranium.

## Point Source -

A stationery location or fixed facility from which pollutants are discharged or emitted. Also, any single identifiable source of pollution, e.g., a pipe, ditch, ship, ore pit, factory smokestack.

## Pollen -

1. A fine dust produced by plants.
2. The fertilizing element of flowering plants.
3. A natural or background air pollutant.

## Pollutant -

Generally, any substance introduced into the environment that adversely affects the usefulness of a resource.

## Pollutant Standard Index (PSI) -

Measure of adverse health effects of air pollution levels in major cities.

## Pollution -

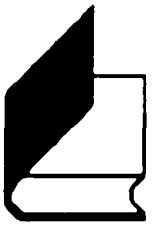
Generally, the presence of matter or energy whose nature, location or quantity produces undesired environmental effects. Under the Clean Water Act, for example, the term is defined as the man-made or man-induced alteration of the physical, biological, and radiological integrity of water.

## Polyelectrolytes -

Synthetic chemicals that help solids to clump during sewage treatment.

## Polymer -

Basic molecular ingredients in plastic.



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## Polyvinyl Chloride (PVC) -

A tough, environmentally indestructible plastic that releases hydrochloric acid when burned.

## Population

A group of interbreeding organisms of the same kind occupying a particular space. Generically, the number of humans or other living creatures in a designated area.

## Positive Data -

Analytical results for which measurable concentrations (i.e., above a quantitation limit) are reported. May have data qualifiers attached.

## Post-Closure -

The time period following the shutdown of a waste management or manufacturing facility. For monitoring purposes, this is often considered to be 30 years.

## Potable Water -

Water that is safe for drinking and cooking.

## Potentially Responsible Party (PRP) -

Any individual or company -- including owners, operators, transporters or generators -- potentially responsible for, or contributing to, the contamination problems at a Superfund site. Whenever possible, EPA requires PRPs, through administrative and legal actions, to clean up hazardous waste sites they have contaminated.

## PPM/ PPB -

Parts per million/ parts per billion, a way of expressing tiny concentrations of pollutants in air, water, soil, human tissue, food, or other products.

## Precipitate -

A solid that separates from a solution because of some chemical or physical change.

## Precipitation -

Removal of solids from liquid waste so that the hazardous solid portion can be disposed of safely; removal of particles from airborne emissions.

## Precipitators -

Air pollution control devices that collect particles from an emission.



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## **Precursor -**

In photochemical terminology, a compound such as a volatile organic compound (VOC) that "precedes" an oxidant. Precursors react in sunlight to form ozone or other photochemical oxidants.

## **Preliminary Assessment -**

The process of collecting and reviewing available information about a known or suspected waste site or release.

## **Pressure Sewers -**

A system of pipes in which water, wastewater, or other liquid is transported to a higher elevation by use of pumping force.

## **Pretreatment -**

Processes used to reduce, eliminate, or alter the nature of wastewater pollutants from non-domestic sources before they are discharged into publicly owned treatment works.

## **Prevention**

Measures taken to minimize the release of wastes to the environment.

## **Prevention of Significant Deterioration (PSD) -**

EPA program in which state and/or federal permits are required that are intended to restrict emissions for new or modified sources in places where air quality is already better than required to meet primary and secondary ambient air quality standards.

## **Primary Drinking Water Regulation -**

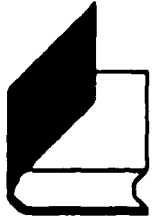
Applies to public water systems and specifies a contaminant level, which, in the judgment of the EPA Administrator, will have no adverse effect on human health.

## **Primary Waste Treatment -**

First steps in wastewater treatment; screens and sedimentation tanks are used to remove most material that floats or will settle. Primary treatment results in the removal of about 30 percent of carbonaceous biochemical oxygen demand from domestic sewage.

## **Process Weight -**

Total weight of all materials, including fuel, used in a manufacturing process. It is used to calculate the allowable particulate emission rate from the process.



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## Proteins -

Complex nitrogenous organic compounds of high molecular weight that contain amino acids as their basic unit and are essential for growth and repair of animal tissue. Many proteins are enzymes.

## Protoplast -

A membrane bound cell from which the outer cell wall has been partially or completely removed. The term often is applied to plant cells.

## Public Water System -

A system that provides piped water for human consumption to at least 15 service connections or regularly serves 25 individuals.

## Publicly Owned Treatment Works -

A waste-treatment works owned by a state, unit of local government, or Indian tribe, usually designed to treat domestic wastewaters. Also known as POTWs.

## Pumping Station -

Mechanical devices installed in sewer or water systems or other liquid-carrying pipelines that move the liquids to a higher level.

## Putrescible -

Able to rot quickly enough to cause odors and attract flies.

## Pyrolysis -

Decomposition of a chemical by extreme heat.

## Quality Assurance Project Plan -

Describes the policy, organization, functional activities, and quality assurance and quality control protocols necessary to achieve DQOs dictated by the intended use of the data (RI/FS Guidance).

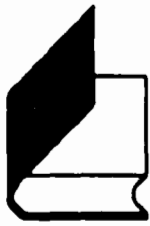
## Quality Assurance/Quality Control -

A system of procedures, checks, audits, and corrective actions to ensure that all EPA research design and performance, environmental monitoring and sampling, and other technical and reporting activities are of the highest achievable quality.

## Quantitation Limit -

The lowest level at which a chemical may be accurately and reproducibly quantitated. Usually equal to the detection limit multiplied by a factor of 3 to 5, but varies between chemicals and between samples.





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## Quench Tank -

A water-filled tank used to cool incinerator residues or hot materials during industrial processes.

## RAD (Radiation Absorbed Dose) -

A unit of absorbed dose of radiation. One RAD of absorbed dose is equal to .01 joules per kilogram.

## Radiation

Any form of energy propagated as rays, waves, or streams of energetic particles. The term is frequently used in relation to the emission of rays from the nucleus of an atom.

## Radiation Standards -

Regulations that set maximum exposure limits for protection of the public from radioactive materials.

## Radio Frequency Radiation -

(See Non ionizing Radiation.)

## Radioactive Substances -

Substances that emit radiation.

## Radiobiology -

The study radiation effects on living things.

## Radionuclide -

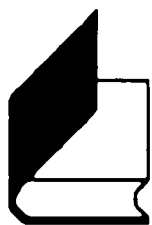
Radioactive element characterized according to its atomic mass and atomic number which can be man-made or naturally occurring. Radioisotopes can have a long life as soil or water pollutants, and are believed to have potentially mutagenic effects on the human body.

## Radius of Vulnerable Zone -

The maximum distance from the point of release of a hazardous substance in which the airborne concentration could reach the level of concern under specified weather conditions.

## Radon -

A colorless naturally occurring, radioactive, inert gaseous element formed by radioactive decay of radium atoms in soil or rocks.



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## Radon Decay Products -

A term used to refer collectively to the immediate products of the radon decay chain. These include Po-218, Pb 214, Bi 214, and Po 214, which have an average combined half life of about 30 minutes.

## Rasp -

A machine that grinds waste into a manageable material and helps prevent odor.

## Raw Sewage -

Untreated wastewater.

## Reasonably Available Control Technology (RACT) -

The lowest emissions limit that a particular source is capable of meeting by the application of control technology that is both reasonably available, as well as technologically and economically feasible. RACT is usually applied to existing to existing sources in nonattainment areas and most cases is less stringent than new source performance standards.

## Receiving Waters -

A river, lake, ocean, stream or other watercourse into which wastewater or treated effluent is discharged.

## Recharge -

The process by which water is added to a zone of saturation, usually by percolation from the soil surface, e.g., the recharge of an aquifer.

## Recharge Area -

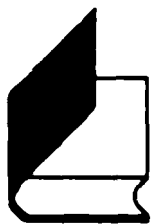
A land area in which water reaches to the zone of saturation from surface infiltration, e.g., an area where rainwater soaks through the earth to reach an aquifer.

## Recombinant DNA (rDNA) -

The new DNA that is formed by combining pieces of DNA from different organisms or cells.

## Recombinant Bacteria -

A type of microorganism whose genetic makeup has been altered by deliberate introduction of new genetic elements. The offspring of these altered bacteria also contain these new genetic elements.



# Environmental Glossary

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## Recommended Maximum Contaminant Level (RMCL) -

The maximum level of a contaminant in drinking water at which no known or anticipated adverse affect on human health would occur, and which includes an adequate margin of safety. Recommended levels are nonenforceable health goals. (See: maximum contaminant level.)

## Reconstructed Source -

An existing facility in which components are replaced to such an extent that the fixed capital cost of the new components exceed 50 percent of the capital cost that would be required to construct a comparable entirely new facility. New source performance standards may be applied to sources which are reconstructed after the proposal of the standard if it is technologically and economically feasible to meet the standard.

## Record of Decision (ROD) -

A public document that explains which cleanup alternative(s) will be used at National Priorities List sites where, under CERCLA, Trust Funds pay for the cleanup.

## Recycle/Reuse

The process of minimizing the generation of waste by recovering usable products that might otherwise become waste. Examples are the recycling of aluminum cans, wastepaper, and bottles.

## Red Border -

An EPA document that is undergoing final review before being submitted for final management decision.

## Red Tide -

A proliferation of a marine plankton that is toxic and often fatal to fish. This natural phenomenon may be stimulated by the addition of nutrients. A tide can be called red, green or brown, depending on the coloration of the plankton.

## Reentry Interval -

The period of time immediately following the application of a pesticide during which unprotected workers should not enter a field.

## Reference Dose (RfD) -

Toxicity value used most often in evaluating noncarcinogenic effects resulting from exposures at Superfund sites. See specific entries for chronic RfDs, subchronic RfDs, and developmental RfDs.



# Environmental Glossary

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## Refuse -

(See: solid waste.)

## Refuse Reclamation -

Conversion of solid waste into useful products, e.g., composting organic wastes to make soil conditioners or separating aluminum and other metals for melting and recycling.

## Regeneration -

Manipulation of individual cells or masses of cells to cause them to develop into whole plants.

## Regional Response Team (RRT) -

Representatives of federal, local, and state agencies who may assist in coordination of activities at the request of the On-Scene Coordinator before and during a Superfund response action.

## Registrant -

Any manufacturer or formulator who obtains registration for a pesticide active ingredient or product,

## Registration Standards -

Published reviews of all the data available on pesticide active ingredients.

## Registration -

Formal listing with EPA of a new pesticide before it can be sold or distributed in intra- or inter-state commerce. The product must be registered under the Federal Insecticide, Fungicide, and Rodenticide Act. EPA is responsible for registration (pre-market licensing) of pesticides on the basis of data demonstrating that they will not cause unreasonable adverse effects on human health or the environment when used according to approved label directions.

## REM (Roentgen Equivalent Man) -

The unit of dose equivalent from ionizing radiation to the human body, used to measure the amount of radiation to which a person or a part of a human has been exposed.

## Remedial Action (RA) -

The actual construction or implementation phase of a Superfund site cleanup that follows remedial design.



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## Remedial Design -

A phase of remedial action that follows the remedial investigation/feasibility study and includes development of engineering drawings and specifications for a site cleanup.

## Remedial Investigation -

An in-depth study designed to gather the data necessary to determine the nature and extent of contamination at a Superfund site; establish criteria for cleaning up the site; identify preliminary alternatives for remedial actions; support the technical and cost analyses of the alternatives. Ther remedial investigation is usually done with the feasibility study. Together, they are usually referred to as the "RI/FS".

## Remedial Project Manager (RPM) -

The EPA or state official responsible for overseeing remedial action at a site.

## Remedial Response -

A long-term action that stops or substantially reduces a release or threat of a release of hazardous substances that is serious but not an immediate threat to public health.

## Removal Action -

Short-term immediate actions taken to address releases of hazardous substances that require expedited response. (See: cleanup.)

## Reportable Quantity (RQ) -

The quantity of a hazardous substance that triggers reports under CERCLA. If a substance is released in amounts exceeding its RQ, the release must be reported to the National Response Center, the SERC, and community emergency coordinators for areas likely to be affected.

## Reregistration -

The reevaluation and relicensing of existing pesticides originally registered prior to current scientific and regulatory standards. EPA reregisters pesticides through its Registration Standards Program.

## Reservoir -

Any natural or artificial holding area used to store, regulate, or control water.

## Residual -

Amount of a pollutant remaining in the environment after a natural or



## Environmental Glossary

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technological process has taken place, e.g., the sludge remaining after initial wastewater treatment, or particulates remaining in air after the air passes through a scrubbing or process.

### **Resistance -**

For plants and animals, the ability to withstand poor environmental conditions and/or attacks by chemicals or disease. The ability may be inborn or developed.

### **Resource -**

A person, thing, or action needed for living or to improve the quality of life.

### **Resource Recovery -**

The process of obtaining matter or energy from materials formerly discarded.

### **Response Action -**

A CERCLA-authorized action involving either a short-term removal action or a long-term removal response that may include but is not limited to: removing hazardous materials from a site to an EPA-approved hazardous waste facility for treatment, containment, or destruction; containing the waste safely on-site; destroying or treating the waste on-site; and identifying and removing the source of ground-water contamination and halting further migration of contaminants. (See: cleanup.)

### **Restoration -**

Measures taken to return a site to pre-violation conditions.

### **Restricted Use -**

When a pesticide is registered, some or all of its uses may be classified (under FIFRA regulations) for restricted use if the pesticide requires special handling because of its toxicity. Restricted-use pesticides may be applied only by trained, certified applicators or those under their direct supervision.

### **Restriction Enzymes -**

Enzymes that recognize certain specific regions of a long DNA molecule and then cut the DNA into smaller pieces.

### **Reverse Osmosis -**

A water treatment process used in small water systems by adding pressure to force water through a semi-permeable membrane. Reverse osmosis removes most drinking water contaminants. Also used in wastewater treatment.



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Large-scale reverse osmosis plants are now being developed.

### Ribonucleic Acid (RNA) -

A molecule that carries the genetic message from DNA to a cell's protein producing mechanisms; similar to, but chemically different from, DNA.

### Ringlemann Chart -

A series of shaded illustrations used to measure the opacity of air pollution emissions. The chart ranges from light grey through black and is used to set and enforce emissions standards.

### Riparian Habitat -

Areas adjacent to rivers and streams that have a high density, diversity, and productivity of plant and animal species relative to nearby uplands.

### Riparian Rights -

Entitlement of a land owner to the water on or bordering his property, including the right to prevent diversion or misuse of upstream waters. Generally, a matter of state law.

### Risk Assessment -

The qualitative and quantitative evaluation performed in an effort to define the risk posed to human health and/or the environment by the presence or potential presence and/or use of specific pollutants.

### Risk Communication -

The exchange of information about health or environmental risks between risk assessors, risk managers, the general public, news media, interest groups, etc.

### Risk Management -

The process of evaluating alternative regulatory and non regulatory responses to risk and selecting among them. The selection process necessarily requires the consideration of legal, economic and social factors.

### River Basin -

The land area drained by a river and its tributaries.

### Rodenticide -

A chemical or agent used to destroy rats or other rodent pests, or to prevent them from damaging food, crops, etc.



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## Rough Fish -

Those fish, not prized for eating, such as gar and suckers. Most are more tolerant of changing environmental conditions than game species.

## Routine Analytical Services -

The set of Contract Laboratory Program (CLP) analytical protocols that are used to analyze most Superfund site samples. These protocols are provided in the EPA Statements of Work for the CLP (SOW for Inorganics SOW for Organics) and must be followed by every CLP laboratory.

## Rubbish -

Solid waste, excluding food waste and ashes, from homes, institutions, and work-places.

## Run-Off -

That part of precipitation, snow melt, or irrigation water that runs off the land into streams or other surface-water. It can carry pollutants from the air and land into the receiving waters.

## Salinity -

The degree of salt in water.

## Salt Water Intrusion -

The invasion of fresh surface or ground water by salt water. If the salt water comes from the ocean it may be called sea water intrusion.

## Salts -

Minerals that water picks up as it passes through the air, over and under the ground, and as it is used by households and industry.

## Salvage -

The utilization of waste materials.

## Sample Management Office -

EPA contractor providing management, operational, and administrative support to the CLP to facilitate optimal use of the program.

## Sampling and Analysis Plan -

Consists of a Quality Assurance Project Plan (QAPP) and a Field Sampling Plan (FSP).





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## **Sand Filters -**

Devices that remove some suspended solids from sewage. Air and bacteria decompose additional wastes filtering through the sand so that cleaner water drains from the bed.

## **Sanitary Landfill -**

(See: landfill, sanitary.)

## **Sanitary Sewers -**

Underground pipes that carry off only domestic or industrial waste, not storm water.

## **Sanitary Survey -**

An on site review of the water sources, facilities, equipment, operation and maintenance of a public water system to evaluate the adequacy of those elements for producing and distributing safe drinking water.

## **Sanitation -**

Control of physical factors in the human environment that could harm development, health, or survival.

## **Saturated Zone -**

A subsurface area in which all pores and cracks are filled with water under pressure equal to or greater than that of the atmosphere.

## **Scrap -**

Materials discarded from manufacturing operations that may be suitable for reprocessing.

## **Screening -**

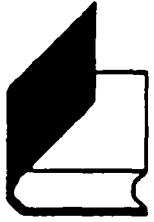
Use of screens to remove coarse floating and suspended solids from sewage.

## **Scrubber -**

An air pollution device that uses a spray of water or reactant or a dry process to trap pollutants in emissions.

## **Secondary Drinking Water Regulations -**

Unenforceable regulations which apply to public water systems and which specify the maximum contamination levels which, in the judgement of EPA, are required to protect the public welfare. These regulations apply to any contaminants that may adversely affect the odor or appearance of such water and consequently may cause people served by the system to discontinue its use.



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## Secondary Treatment -

The second step in most publicly owned waste treatment systems in which bacteria consume the organic parts of the waste. It is accomplished by bringing together waste, bacteria, and oxygen in trickling filters or in the activated sludge process. This treatment removes floating and settleable solids and about 90 percent of the oxygen demanding substances and suspended solids. Disinfection is the final stage of secondary treatment. (See: primary, tertiary treatment.)

## Secure Chemical -

(See: landfills.)

## Secure Maximum Contaminant Level -

Maximum permissible level of a contaminant in water which is delivered to the free flowing outlet of the ultimate user of a water supply, the consumer, or of contamination resulting from corrosion of piping and plumbing caused by water quality.

## Sedimentation -

Letting solids settle out of wastewater by gravity during wastewater treatment.

## Sedimentation Tanks -

Holding areas for wastewater where floating wastes are skimmed off and settled solids are removed for disposal.

## Sediments -

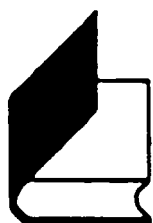
Soil, sand, and minerals washed from land into water usually after rain. They pile up in reservoirs, rivers and harbors, destroying fish-nesting areas and holes of water animals, and clouding the water so that needed sunlight might not reach aquatic plants. Careless farming, mining, and building activities will expose sediment materials, allowing them to be washed off the land after rainfalls.

## Selective Pesticide -

A chemical designed to affect only certain types of pests, leaving other plant and animals unharmed.

## Semi-Confined Aquifer -

An aquifer that is partially confined by a soil layer (or layers) of low permeability through which recharge and discharge can occur.



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## Senescence -

Term for the aging process. Sometimes used to describe lakes or other bodies of water in advanced stages of eutrophication.

## Septic Tank -

An underground storage tank for wastes from homes having no sewer line to a treatment plant. The waste goes directly from the home to the tank, where the organic waste is decomposed by bacteria and the sludge settles to the bottom. The effluent flows out of the tank into the ground through drains; the sludge is pumped out periodically.

## Service Connector -

The pipe that carries tap water from the public water main to a building.

## Settleable Solids -

Material heavy enough to sink to the bottom of a wastewater treatment tank.

## Settling Chamber -

A series of screens placed in the way of flue gases to slow the stream of air, thus helping gravity to pull particles out of the emission into a collection area.

## Settling Tank -

A holding area for wastewater, where heavier particles sink to the bottom for removal and disposal.

## Sewage -

The waste and wastewater produced by residential and commercial establishments and discharged into sewers.

## Sewage Lagoon -

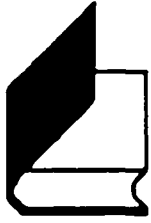
(See: lagoon.)

## Sewage Sludge -

Sludge produced at a Publicly Owned Treatment Works, the disposal of which is regulated under the Clean Water Act.

## Sewer -

A channel or conduit that carries wastewater and stormwater runoff from the source to a treatment plant or receiving stream. Sanitary sewers carry household, industrial, and commercial waste. Storm sewers carry runoff from



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rain or snow. Combined sewers are used for both purposes.

## Sewerage -

The entire system of sewage collection, treatment, and disposal.

## Shotgun -

Non-scientific term for the process of breaking up the DNA derived from an organism and then moving each separate and unidentified DNA fragment into a bacterium.

## Signal Words -

The words used on a pesticide label -- Danger, Warning, Caution -- to indicate the level of toxicity of the chemicals.

## Significant Deterioration -

Pollution resulting from a new source in previously "clean" areas. (See: prevention of significant deterioration.)

## Significant Municipal Facilities -

Those publicly owned sewage treatment plants that discharge a million gallons per day or more and are therefore considered by states to have the potential for substantial effect on the quality of receiving waters.

## Significant Violations -

Violations by point source dischargers of sufficient magnitude and/or duration to be a regulatory priority.

## Silt -

Fine particles of sand or rock that can be picked up by the air or water and deposited as sediment.

## Silviculture -

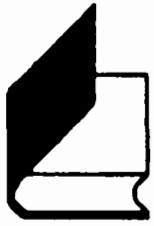
Management of forest land for timber. Sometimes contributes to water pollution, as in clear-cutting.

## Sinking -

Controlling oil spills by using an agent to trap the oil and sink it to the bottom of the body of water where the agent and the oil are biodegraded.

## Site Inspection -

The collection of information from a Superfund site to determine the extent and severity of hazards posed by the site. It follows and is more extensive



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than a preliminary assessment. The purpose is to gather information necessary to score the site, using the Hazard Ranking System, and to determine if the site presents an immediate threat that requires prompt removal action.

### Siting -

The process of choosing a location for a facility.

### Skimming -

Using a machine to remove oil or scum from the surface of the water.

### Slope factor -

A plausible upper-bound estimate of the probability of a response per unit intake of a chemical over a lifetime. The slope factor is used to estimate an upper-bound probability of an individual developing cancer as a result of a lifetime of exposure to a particular level of a potential carcinogen.

### Slow Sand Filtration -

Treatment process involving passage of raw water through a bed of sand at low velocity which results in the substantial removal of chemical and biological contaminants.

### Sludge -

A semi-solid residue from any of a number of air or water treatment processes. Sludge can be a hazardous waste.

### Slurry -

A watery mixture of insoluble matter that results from some pollution control techniques.

### Smelter -

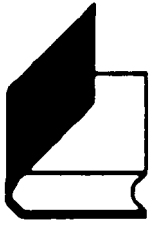
A facility that melts or fuses ore, often with an accompanying chemical change, to separate the metal. Emissions are known to cause pollution. Smelting is the process involved.

### Smog -

Air pollution associated with oxidants. (See: photochemical smog.)

### Smoke -

Particles suspended in air after incomplete combustion of materials.



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## Soft Detergents -

Cleaning agents that break down in nature.

## Soft Water -

Any water that is not "hard," i.e., does not contain a significant amount of dissolved minerals such as salts containing calcium or magnesium.

## Soil Adsorption Field -

A sub-surface area containing a trench or bed with clean stones and a system of distribution piping through which treated sewage may seep into the surrounding soil for further treatment and disposal.

## Soil Conditioner -

An organic material like humus or compost that helps soil absorb water, build a bacterial community, and distribute nutrients and minerals.

## Soil Gas -

Gaseous elements and compounds that occur in the small spaces between particles of the earth and soil. Such gases can move through or leave the soil or rock, depending on changes in pressure.

## Solder -

A metallic compound used to seal the joints between pipes. Until recently, most solder contained 50 percent lead.

## Sole Source Aquifer -

An aquifer that supplies 50 percent or more of the drinking water of an area.

## Solid Waste -

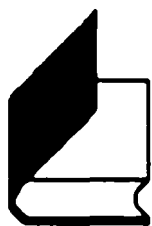
Non liquid, non-soluble materials ranging from municipal garbage to industrial wastes that contain complex, and sometimes hazardous, substances. Solid wastes also include sewage sludge, agricultural refuse, demolition wastes, and mining residues. Technically, solid waste also refers to liquids and gases in containers.

## Solid Waste Management -

Supervised handling of waste materials from their source through recovery processes to disposal.

## Solid Waste Disposal -

The final placement of refuse that is not salvaged or recycled.



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## Solidification and Stabilization -

Removal of wastewater from a waste or changing it chemically to make the waste less permeable and susceptible to transport by water.

## Solvent -

Substance (usually liquid) capable of dissolving or dispersing one or more other substances.

## Soot -

Carbon dust formed by incomplete combustion.

## Sorption -

The action of soaking up or attracting substances. A process used in many pollution control systems.

## Special Analytical Services -

Non-standardized analyses conducted under the CLP to meet user requirements that cannot be met using RAS, such as shorter analytical turnaround time, lower detection limits, and analysis of non-standard matrices or non-TCL compounds.

## Special Review -

Formerly known as Rebuttable Presumption Against Registration (RPAR), this is the regulatory process through which existing pesticides suspected of posing unreasonable risks to human health, non-target organisms, or the environment are referred for review by EPA. The review requires an intensive risk/benefit analysis with opportunity for public comment. If the risk of any use of a pesticide is found to outweigh social and economic benefits, regulatory actions--ranging from label revisions and use-restriction to cancellation or suspended registration--can be initiated.

## Species -

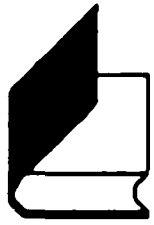
A reproductively isolated aggregate of interbreeding populations of organisms.

## Spill Prevention Control and Countermeasures Plan (SPCC) -

Plan covering the release of hazardous substances as defined in the Clean Water Act.

## Spoil -

Dirt or rock that has been removed from its original location, destroying the composition of the soil in the process, as with strip-mining or dredging.



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**Sprawl -**

Unplanned development of open land.

**Stabilization Ponds -**

(See: lagoon.)

**Stabilization -**

Conversion of the active organic matter in sludge into inert, harmless material.

**Stable Air -**

A mass of air that is not moving normally, so that it holds rather than disperses pollutants.

**Stack -**

A chimney or smokestack; a vertical pipe that discharges used air.

**Stack Effect -**

Used air, as in a chimney, that moves upward because it is warmer than the surrounding atmosphere.

**Stack Gas -**

(See: flue gas.)

**Stagnation -**

Lack of motion in a mass of air or water, which tends to hold pollutants.

**Standards -**

Prescriptive norms which govern action and actual limits on the amount of pollutants or emissions produced. EPA, under most of its responsibilities, establishes minimum standards. States are allowed to be stricter.

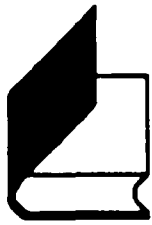
**State Emergency Response Commission (SERC) -**

Commission appointed by each state governor according to the requirements of SARA Title III. The SERC's designate emergency planning districts, appoint local emergency planning committees, and supervise and coordinate their activities.

**State Implementation Plans (SIP) -**

EPA-approved state plans for the establishment, regulation, and enforcement





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of air pollution standards.

## **Statements of Work for the CLP -**

These documents specify the instrumentation, sample handling procedures, analytical parameters and procedures, required quantitation limits, QC requirements, and report format to be used by CLP laboratories. The SOW also contains the TCL.

## **Stationary Source -**

A fixed, non-moving producer of pollution, mainly power plants and other facilities using industrial combustion processes.

## **Sterilization -**

1. In pest control, the use of radiation and chemicals to damage body cells needed for reproduction.
2. The destruction of all living organisms in water or on the surface of various materials. In contrast, disinfection is the destruction of most living organisms in water or on surfaces.

## **Storage -**

Temporary holding of waste pending treatment or disposal. Storage methods include containers, tanks, waste piles, and surface impoundments.

## **Storm Sewer -**

A system of pipes (separate from sanitary sewers) that carry only water runoff from building and land surfaces.

## **Stratification -**

Separating into layers.

## **Stratosphere -**

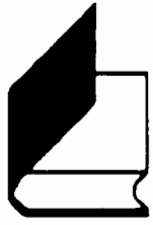
The portion of the atmosphere that is 10 to 25 miles above the Earth's surface.

## **Strip-Cropping -**

Growing crops in a systematic arrangement of strips or bands which serve as barriers to wind and water erosion.

## **Strip-Mining -**

A process that uses machines to scrape soil or rock away from mineral deposits just under the earth's surface.



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## Subchronic RfD (RfDs) -

An estimate (with uncertainty spanning perhaps an order of magnitude or greater) of a daily exposure level for the human population, including sensitive subpopulations, that is likely to be without an appreciable risk of deleterious effects if the exposure were to occur for a period of less than 7 years.

## Sulfur Dioxide (SO<sub>2</sub>) -

A heavy, pungent, colorless, gaseous air pollutant formed primarily by the combustion of fossil plants.

## Sump -

A pit or tank that catches liquid runoff for drainage or disposal.

## Sump Pump -

A mechanism for removing water or wastewater from a sump or wet well.

## Superfund -

The program operated under the legislative authority of CERCLA and SARA that funds and carries out the EPA solid waste emergency and long-term removal remedial activities. These activities include establishing the National Priorities List, investigating sites for inclusion on the list, determining their priority level on the list, and conducting and/or supervising the ultimately determined cleanup and other remedial actions.

## Surface Impoundment -

Treatment, storage, or disposal of liquid hazardous wastes in ponds.

## Surface Water -

All water naturally open to the atmosphere (rivers, lakes, reservoirs, streams, impoundments, seas, estuaries, etc.) and all springs, wells, or other collectors which are directly influenced by surface water.

## Surfactant -

A surface-active agent used in detergents to cause lathering.

## Surveillance System -

A series of monitoring devices designed to determine environmental quality.



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## Suspended Solids -

Small particles of solid pollutants that float on the surface of, or are suspended in sewage or other liquids. They resist removal by conventional means. (See: Total Suspended Solids.)

## Suspension -

The act of suspending the use of a pesticide when EPA deems it necessary to do so in order to prevent an imminent hazard resulting from continued use of the pesticide. An emergency suspension takes effect immediately; under an ordinary suspension a registrant can request a hearing before the suspension goes into effect. Such a hearing process might take six months.

## Suspension Culture -

Individual cells or small clumps of cells growing in a liquid nutrient medium.

## Swamp -

A type of wetland that is dominated by woody vegetation and does not accumulate appreciable peat deposits. Swamps may be fresh or salt water and tidal or non-tidal. (See: Wetlands.)

## Synergism -

The cooperative interaction of two or more chemicals or other phenomena producing a greater total effect than the sum of their individual effects.

## Synthetic Organic Chemicals (SOCs) -

Man-made organic chemicals. Some SOCs are volatile, others tend to stay dissolved in water rather than evaporate out of it.

## Systemic Pesticide -

A chemical that is taken up from the ground or absorbed through the surface and carried through the system of the organism being protected, making the organism toxic to pests.

## Tailings -

Residue of raw materials or waste separated out during the processing of crops or mineral ores

## Target Compound List -

Developed by EPA for Superfund site sample analyses. The TCL is a list of analytes (34 volatile organic chemicals, 65 semivolatile organic chemicals, 19 pesticides, 7 polychlorinated biphenyls, 23 metals, and total cyanide) for which every Superfund sample must be analyzed using the RAS of the EPA



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Contract Laboratory Program.

**TBT Paints (Trybutilin) -**

(See: organotins.)

**Technology-Based Standards -**

Effluent limitations applicable to direct and indirect sources which are developed on a category-by-category basis using statutory factors, not including water-quality effects.

**Teratogen -**

Substance that causes malformation or serious deviation from normal development of embryos and fetuses.

**Terracing -**

Diking, built along the contour of sloping agricultural land, that holds runoff and sediment to reduce erosion.

**Tertiary Treatment -**

Advanced cleaning of wastewater that goes beyond the secondary or biological stage. It removes nutrients such as phosphorus and nitrogen and most BOD and suspended solids.

**Thermal Pollution -**

Discharge of heated water from industrial processes that can affect the life processes of aquatic organisms.

**Threshold Limit Value (TLV) -**

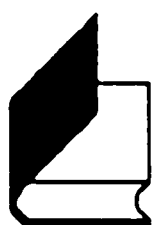
Represents the air concentrations of chemical substances to which it is believed that workers may be daily exposed without adverse effect.

**Threshold Planning Quantity -**

A quantity designated for each chemical on the list of extremely hazardous substances that triggers notification by facilities to the state emergency response commission that such facilities are subject to emergency planning under SARA Title III.

**Tidal Marsh -**

Low, flat marshlands traversed by channels and tidal hollows and subject to tidal inundation; normally, the only vegetation present are salt-tolerant bushes and grasses. (See: wetlands.)



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## Tolerances

The permissible residue levels for pesticides in raw agricultural produce and processed foods. Whenever a pesticide is registered for use on a food or a feed crop, a tolerance (or exemption from the tolerance requirement) must be established. EPA establishes the tolerance levels, which are enforced by the Food and Drug Administration and the Department of Agriculture.

## Total exposure point -

A point of potential exposure to substances from more than one exposure pathway.

## Total Suspended Solids (TSS) -

A measure of the suspended solids in wastewater, effluent, or water bodies, determined by using tests for "total suspended non-filterable solids." (See: suspended solids.)

## Toxic -

Harmful to living organisms.

## Toxic Chemical Release Form -

Information form required to be submitted by facilities that manufacture, process, or use (in quantities above a specific amount) chemicals listed under SARA Title III.

## Toxic Cloud -

Airborne mass of gases, vapors, fumes, or aerosols containing toxic materials.

## Toxic Pollutants -

Materials contaminating the environment that cause death, disease, birth defects in organisms that ingest or absorb them. The quantities and length of exposure necessary to cause these effects can vary widely.

## Toxic Substance -

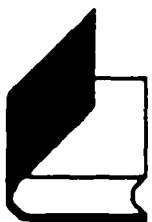
A chemical or mixture that may present an unreasonable risk of injury to health or the environment.

## Toxicant -

A poisonous agent that kills or injures animal or plant life.

## Toxicity -

The degree of danger posed by a substance to animal or plant life. (See: acute,



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chronic toxicity.)

## Toxicology -

The science and study of poisons control.

## Transformation -

The process of placing new genes into a host cell, thereby inducing the host cell to exhibit functions encoded by the DNA.

## Transpiration -

The process by which water vapor is lost to the atmosphere from living plants. The term can also be applied to the quantity of water thus dissipated.

## Trash-to-Energy Plan -

A plan for putting waste back to work by burning trash to produce energy.

## Treatment, Storage, and Disposal Facility -

Site where a hazardous substance is treated, stored, or disposed. TSD facilities are regulated by EPA and states under RCRA.

## Trichloroethylene (TCE) -

A stable, low boiling colorless liquid, toxic by inhalation. TCE is used as a solvent, metal degreasing agent, and in other industrial applications.

## Trickling Filter -

A coarse, biological treatment system in which wastewater is trickled over a bed of stones or other material covered with bacterial growth.

## Trihalomethane (THM) -

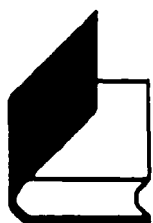
One of a family of organic compounds, named as derivatives of methane. THM's are generally the by-product from chlorination of drinking water that contains organic material.

## Troposphere -

The lower atmosphere, the portion of the atmosphere between seven and ten miles from the Earth's surface where clouds are formed.

## Trust Fund (CERCLA) -

A fund set up under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) to help pay for cleanup of hazardous waste sites and for legal action to force those responsible for the sites to clean them up.



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## Tundra -

A type of ecosystem dominated by lichens, mosses, grasses, and woody plants. Tundra is found at high latitudes (arctic tundra) and high altitudes (alpine tundra). Arctic tundra is underlain by permafrost and is usually very wet. (See: wetlands.)

## Turbidimeter -

A device that measures the amount of suspended solids in a liquid.

## Turbidity -

1. Haziness in air caused by the presence of particles and pollutants.
2. A similar cloudy condition in water due to suspended silt or organic matter.

## Ubiquitous Background Levels -

Concentrations of chemicals that are present in the environment due to anthropogenic sources (e.g., industry, automobiles).

## Ultra Clean Coal (UCC) -

Coal that has been washed, ground into fine particles, then chemically treated to remove sulfur, ash, silicone, and other substances; usually briquetted and coated with a sealant made from coal.

## Ultraviolet Rays -

Radiation from the sun that can be useful or potentially harmful. UV rays from one part of the spectrum enhance plant life and are useful in some medical and dental procedures; UV rays from other parts of the spectrum to which humans are exposed (e.g., while getting a sun tan) can cause skin cancer or other tissue damage. The ozone layer in the atmosphere provides a protective shield that limits the amount of ultraviolet rays that reach the Earth's surface.

## Underground Storage Tank -

A tank located all or partially under ground that is designed to hold gasoline or other petroleum products or chemical solutions.

## Underground Sources of Drinking Water -

As defined in the UIC program, this term refers to aquifers that are currently being used as a source of drinking water, and those that are capable of supplying a public water system. They have a total dissolved solids content of 10,000 milligrams per liter or less, and are not "exempted aquifers." (See: exempted aquifer.)



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## Unsaturated Zone -

The area above the water table where the soil pores are not fully saturated, although some water may be present.

## Uranium -

A radioactive heavy metal element used in nuclear reactors and the production of nuclear weapons. Term refers usually to U 238, the most abundant radium isotope, although a small percentage of naturally occurring uranium is U 235.

## Urban Runoff -

Stormwater from city streets and adjacent domestic or commercial properties that may carry pollutants of various kinds into the sewer systems and/or receiving waters.

## Vaccine -

Dead or partial or modified antigen used to induce immunity to certain infectious diseases.

## Vapor -

The gaseous phase of substances that are liquid or solid at atmospheric temperature and pressure, e.g., steam.

## Vapor Capture System -

Any combination of hoods and ventilation system that captures or contains organic vapors in order that they may be directed to an abatement or recovery device.

## Vapor Dispersion -

The movement of vapor clouds in air due to wind, gravity spreading, and mixing.

## Vapor Plumes -

Flue gases that are visible because they contain water droplets.

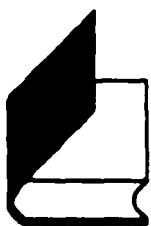
## Vaporization -

The change of a substance from a liquid to a gas.

## Variance -

Government permission for a delay or exception in the application of a given law, ordinance, or regulation.





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## Vector -

1. An organism, often an insect or rodent, that carries disease.
2. An object that is used to transport genes into a host cell (vectors can be plasmids, viruses, or other bacteria). A gene is placed in the vector, the vector then "infects" the bacterium.

## Ventilation/Suction -

The act of admitting fresh air into a space in order to replace stale or contaminated air; achieved by blowing air into the space. Similarly, suction represents the admission of fresh air into an interior space by lowering the pressure outside of the space, thereby drawing the contaminated air outward.

## Vinyl Chloride -

A chemical compound, used in producing some plastics, that is believed to be carcinogenic.

## Virus -

The smallest form of microorganisms capable of causing disease.

## Volatile -

Description of any substance that evaporates readily.

## Volatile Organic Compound (VOC) -

Any organic compound which participates in atmospheric photochemical reactions except for those designated by the EPA Administrator as having negligible photochemical reactivity.

## Volatile Synthetic Organic Chemicals -

Chemicals that tend to volatilize or evaporate from water.

## Vulnerability Analysis -

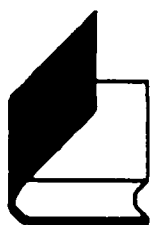
Assessment of elements in the community that are susceptible to damage should a release of hazardous materials occur.

## Vulnerable Zone -

An area over which the airborne concentration of a chemical involved in an accidental release could reach the level of concern.

## Waste -

1. Unwanted materials left over from a manufacturing process.
2. Refuse from places of human or animal habitation.



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## Waste Load Allocation -

The maximum load of pollutants each discharger of waste is allowed to release into a particular waterway. Discharge limits are usually required for each specific water quality criterion being, or expected to be, violated.

## Waste Treatment Plant -

A facility containing a series of tanks, screens, filters and other processes by which pollutants are removed from water.

## Waste Treatment Stream -

The continuous movement of waste from generator to treater and disposer.

## Wastewater -

The spent or used water from individual homes, a community, a farm, or an industry that contains dissolved or suspended matter.

## Wastewater Operations and Maintenance -

Actions taken after construction to assure that facilities constructed to treat wastewater will be properly operated, maintained, and managed to achieve efficiency levels and prescribed effluent levels in an optimum manner.

## Water Pollution -

The presence in water of enough harmful or objectionable material to damage the water's quality.

## Water Quality Criteria -

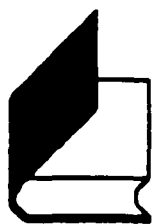
Specific levels of water quality which, if reached, are expected to render a body of water suitable for its designated use. The criteria are based on specific levels of pollutants that would make the water harmful if used for drinking, swimming, farming, fish production, or industrial processes.

## Water Quality Standards -

State-adopted and EPA-approved ambient standards for water bodies. The standards cover the use of the water body and the water quality criteria which must be met to protect the designated use or uses.

## Water Solubility -

The maximum concentration of a chemical compound which can result when it is dissolved in water. If a substance is water soluble it can very readily disperse through the environment.



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**Water Supplier -**

A person who owns or operates a public water system.

**Water Supply System -**

The collection, treatment, storage, and distribution of potable water from source to consumer.

**Water Table -**

The level of ground water.

**Watershed -**

The land area that drains into a stream.

**Weight of evidence -**

An EPA classification system for characterizing the extent to which the available data indicate that an agent is a human carcinogen.

**Well -**

A bored, drilled, or driven shaft, or a dug hole, whose depth is greater than the largest surface dimension and whose purpose is to reach underground water supplies or oil, or to store or bury fluids below ground.

**Well Injection -**

The subsurface emplacement of fluids in a well.

**Well Plug -**

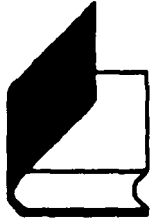
A watertight and gastight seal installed in a bore hole or well to prevent movement of fluids.

**Wetlands -**

An area that is regularly saturated by surface or ground water and subsequently is characterized by a prevalence of vegetation that is adapted for life in saturated soil conditions. Examples include: swamps, bogs, fens, marshes, and estuaries.

**Wildlife Refuge -**

An area designated for the protection of wild animals, within which hunting and fishing are either prohibited or strictly controlled.



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### Wood-Burning Stove Pollution -

Air pollution caused by emissions of particulate matter, carbon monoxide, total suspended particulates, and polycyclic organic matter from wood-burning stoves.

### Working Level (WL) -

A unit of measure for documenting exposure to radon decay products. One working level is equal to approximately 200 picocuries per liter.

### Working Level Month (WLM) -

A unit of measure used to determine cumulative exposure to radon.

### Xenobiotic -

Term for non-naturally occurring man-made substances found in the environment (i.e., synthetic material solvents, plastics.).

### Zooplankton -

Tiny aquatic animals eaten by fish.