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Administration And
Resources Management
(PM-211D)

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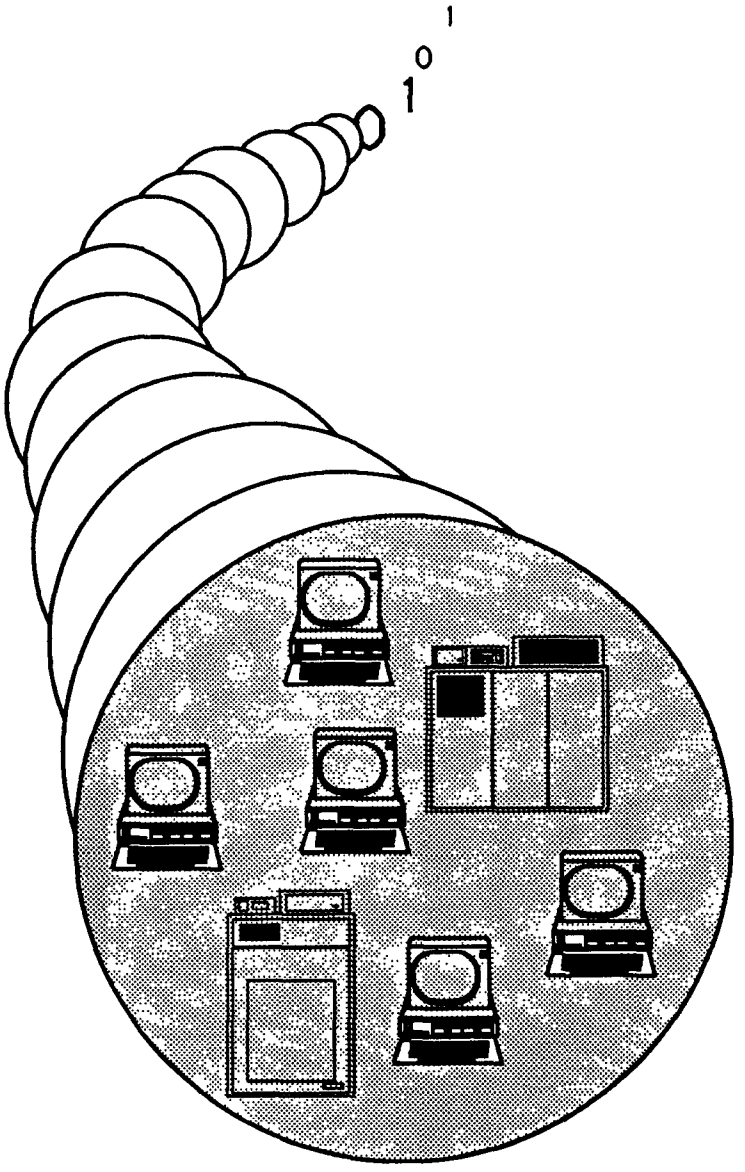
EPA

Information Systems Inventory (ISI)



EPA 21M-1016

PREFACE

Thank you to the over 400 system contacts who so willingly and ably described the systems for which they are responsible. Apologies to those system managers whose systems do not appear in the Inventory.

We look forward to making the next edition of the Inventory even better... more comprehensive, more consistent, clearer, and better tailored to the needs of the Inventory's users. Please send your suggestions or comments to:

ISI Update (PM-211D)
Information Management & Services Division
Office of Information Resources Management
US EPA
401 M St., SW
Washington, DC 20460

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EPA INFORMATION SYSTEMS INVENTORY (ISI)

Introduction

The Agency's Information Systems Inventory (ISI) contains information on approximately 500 of EPA's current information systems as well as some models and data bases, and is the definitive source of summary information about EPA systems. The ISI was developed to enhance the Agency's ability to track major information systems and share information across media and program boundaries. Information for the ISI was collected through a major mailing and telephone collection effort to all previously registered system contacts. In addition, OIRM coordinated this update process with Senior IRM officials and other EPA headquarters and regional staff.

The ISI database is updated and maintained by the Information Management and Services Division of the Office of Information Resources Management, and is available in hardcopy and automated forms in the EPA Headquarters and Regional libraries and through the National Technical Information Service (NTIS). For each system in the inventory, the following information is collected and maintained: system name and acronym, system level, responsible organization, contact person, legislative authorities, database descriptors, access information, hardware and software, system abstract, and key words.

Purpose of the ISI

Maintaining an inventory of Agency systems is required by Federal regulations and oversight agencies. In addition to meeting this requirement, the ISI serves to:

- Increase users' awareness of existing Agency information systems,
- Reduce duplicative information system development and data collection efforts,
- Improve EPA's oversight of information system development, and
- Provide EPA with the ability to effectively respond to information requests about Agency information systems.

Organization of the ISI

This volume is a hardcopy version of the complete list of systems contained in the automated ISI database. The systems are organized by EPA offices and regions, as shown in the Index on page i-1.

At the end of this volume, there are four additional indexes to the information. These indexes include:

- **Index A** - contains an alphabetized listing of system names and page numbers.
- **Index B** - contains an alphabetized listing of system acronyms and page numbers.
- **Index C** - lists the systems according to system level.
- **Index D** - lists publicly available systems.

These indexes can help you search through the systems inventory. More powerful searching capabilities are possible using the electronic version of the inventory.

For this printed version of the ISI, each system record contains the following selected information:

- **System:** This is the name of the system and the acronym provided by the system's owners.

- **Responsible Organization:** This information is taken from the RPIO code (which identifies the Assistant Administrator organization or the Regional Administrator level organization) and the allowance code (which identifies the office level organization within an Assistant Administrator/Regional Administrator).

- **Responsible Person:** This is the name of the EPA person at the Branch level or equivalent, within the organization named above, who has management rather than technical responsibility for the system.

- **Hardware/Software:** This category contains information on the hardware and software used to implement the system.

- **System Level:** This category is based on system use and criticality to the Agency. There are four selections for this category. They include:

  1. **Major Agency Information System** - An information system that requires special continuing management attention because of its importance to an agency mission; its high development, operating, or maintenance costs; or its significant impact on administration of Agency programs, finances, property, or other resources.

  2. **Widely Accessed Information System** - An information system that is not a Major Agency Information System, but which significantly supports accepted program goals and missions and is widely accessed by a combination of EPA Headquarters, Regional Offices, and/or State and local users and other Federal agencies.

  3. **Localized Information System** - An information system that is not a Major Agency Information System or a Widely Accessed Information System, but which significantly supports accepted program goals and missions.

  4. **User-Owned System** - Unique, stand-alone system developed to improve efficiency or effectiveness of operations for a single user or a small group of users.

- **Abstract:** This is a paragraph that describes and defines the system.

Updates to the ISI

The ISI database is updated annually. OIRM maintains the master database and system documentation. The current ISI database contains the best available information on EPA information systems. The dynamic nature of the information, however, means that the ISI can capture only a static picture of the Agency's collection of information systems. Questions and updates to the ISI are welcomed and encouraged. If you are aware of an Agency system, database, or model which should be added to the ISI, or if you have changes to make to a current system entry, you should fill out an **ISI Update/New System Form.** This form is included at the end of this document. Please fill out a copy of the form with your additions or changes and forward them to:

ISI Update
Information Management & Services Division (PM-211D)
Office of Information Resources Management
U.S Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

Additional Copies of the ISI

The automated version of the ISI is available in a microcomputer-based form which lets you search through the database more rapidly and selectively. The copy can be installed on any IBM PC-compatible computer, although an IBM AT-level microcomputer or better is recommended for best performance. In addition, a Macintosh prototype version of the ISI is also available in Hypercard. A diskette copy of the ISI database and search programs can be obtained by EPA staff upon request. EPA staff may receive copies of the database and software by submitting a request to the previous address. Contractors and other parties interested in obtaining a copy of the ISI database and software may contact the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161, to purchase the system and documentation. The NTIS order phone numbers are 1-800-336-4700 or (703) 487-4650. The publication numbers and estimated prices for the items available are as follows:

- Hardcopy of ISI (PB 91-172940) -- $31
- Automated Personal Computer Version including User's Guide (PB 91-507558) -- $80
- Macintosh Prototype Version including User's Guide (PB 91-507566) -- $80
- PC Version User's Guide (PB 91-172957) -- $17
- Macintosh Prototype Version User's Guide (PB 91-175950) -- $15

ISI Indexed by Responsible Organization

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Administrator/Staff (ADM/Staff)	1
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System: Freedom of Information Action Tracking System (FIATS)
Responsible Organization: Administrator/Staff (ADM/Staff)
Responsible Person: Green, Jeralene (202) 382-4048 FTS: 8-382-4048

Hardware/Software: PRIME / INFO
System Level: 4

FIATS is an Administrative System used by the Agency's FOI Officer. The system tracks the status of requests for information under the requirements of the Freedom of Information Act. The data from this system is used for the Agency's annual FOIA activity report to Congress.
The system also reports types of requestors, program office case-load and performance, and appeal activity. In conjunction with new FOI policies and procedures, the system streamlines request processing and tracks and records the seemingly endless dispositions of a request or the possibilities for responding to a request.

System: Office of Civil Rights Reporting System (OCRS)
Responsible Organization: Administrator/Staff (ADM/Staff)
Responsible Person: Friedland, Sandy (202) 475-7457 FTS: 8-475-7457

Hardware/Software: ES 9000 / FOCUS, CLIST, COBOL
System Level: 1

This system was developed in FOCUS to meet the reporting requirements of the Office of Civil Rights. Reports include both pre-written reports as well as adhoc reports on Civil Right cases.

System: A.D.P. Inventory System (ADPIS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Noronha, Elizabeth (415) 744-1768 FTS: 8-484-1768

Hardware/Software: IBM PC / dBase III +
System Level: 3

The ADPIS is an inventory tracking system, which monitors all the equipment of EPA-Region 9. It tracks PCs, printers, and peripherals. The system permits adding, editing, and deleting records, as well as a quick search by serial number (key field), and barcodes. It also allows a quick count (on line), reports, and a backup option.

System: AARP Cost Analysis and Tracking (AARP)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Noronoha, Elizabeth (415) 744-1768 FTS: 8-484-1768

Hardware/Software: IBM PC / Lotus 1-2-3
System Level:

The AARP is a LOTUS spreadsheet that provides the capability for estimating and tracking AARP costs.

System: ADMINLAN - Office Forms Facilitator & Perform Pro Administrative LAN Applications (ADMINLAN)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Hesselbacher, George (202) 382-2408

Hardware/Software: IBM PC, IBM Logical Mainframe/Other / Clipper (Compiled)
System Level: 2

ADMINLAN assists in individual and group productivity improvement. Also, the system provides group tracking and correspondence system capabilities.

System: ADP Budget Planning System (APS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Carpentier, Michael (202) 382-2415 FTS: 8-382-2415

Hardware/Software: ES 9000 / Focus
System Level: 2

This system is the Office of Information and Resources Management's principal tool for Agencywide ADP planning and budgeting. The system provides data for the annual ADP reporting requirements of the Agency to OMB. The system is accessible by all EPA offices in Headquarters and in the Regions.

System: Advanced Information System for Career Management (AISCM)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Sykes, John (202) 475-8644 FTS: 8-475-8644

Hardware/Software: PRIME / INFO
System Level: 4

AISCM contains all formal and informal training data for employees. This information can be accessed by employee grade or responsibility. AISCM's purpose is to track both training courses taken, and those courses necessary to increase the employee's level of contracting responsibility. The system contains a file for each grade level, stating the minimum training and educational requirements. AISCM also includes a file of where the necessary training is offered.

System: Applicant Tracking System (ATS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-OFC of Human Resources Mgt
Responsible Person: Hamlin, Michael A. (202) 382-3266 FTS: 8-382-3266

Hardware/Software: IBM PC / dBase III, Clipper
System Level: 3

ATS provides an automated tool for tracking applicants, ranking them by their qualifications and generating standardized response letters.

System: Audit Tracking System (AUDIT)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Sykes, John (202) 475-8644 FTS: 8-475-8644

Hardware/Software: PRIME / INFO
System Level: 2

The Audit Tracking System tracks pre-awards, close-out, and indirect audits that require a DCAA account number for Washington, RTP, and Cincinnatti.

System: Automated Clearing House Network (EPA-ACH)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Norland, Shelly (702) 798-2499 FTS: 8-545-2499

Hardware/Software: IBM PC / dBase IV
System Level: 2

EPA-ACH utilizes the Treasury's electronic payment mechanism called "Vendor Express". The EPA-ACH payment system will be the official EPA payment system for making assistance agreements and contractor payments to eligible recipients, replacing TFCS-LOC. The EPA-ACH is being used to transmit vendor and miscellaneous payments with addenda records.

System: Automated Document Control Register (ADCR)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: ES 9000, IBM PC / dBase
System Level: 1

ADCR provides a standard Agency-wide mechanism for controlling funds in the program and regional offices. ADCR is updated with the Comptroller's operating plan contained in IFMS and makes it available to allowance holders, who in turn redistribute the plan to responsibility centers, which are the system's primary users. The system facilitates the entry of spending transactions and passes commitment, miscellaneous and travel obligation data to IFMS. ADCR also receives obligations and recalculation data from IFMS in order to produce a series of standard management reports.

System: Automated Procurement Documentation System (APDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Oliver, John (202) 475-8288 FTS: 8-475-8288

Hardware/Software: PRIME / COBOL
System Level: 3

APDS is a computer-based system designed to assist procurement specialists (negotiators) and their staff in creating, reviewing, and printing the several types of standard, repetitive documentation involved in the EPA procurement process. This is a COBOL application with menus to guide the negotiator through the document development process. Negotiators can include standard boilerplate text, build non-standard pieces of text and modify pieces of standard text. Almost all of this work is automated based on the negotiators response to APDS questions. Assembly and printing of documents is at the discretion of the negotiator. The system has been recently modified to collect and ship contract data to the CIS, CPS, and any other system needing it.

System: Barcode Information System (BARCIS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Linertz, Ann (202) 382-2110 FTS: 8-382-2110

Hardware/Software: Other / FORTRAN 77
System Level: 2

BARCIS is the Property Tracking and Reconciliation System. It is a tool used by property managers to track and reconcile property assigned to each EPA custodial area within a certain accountable area.

System: Building Information Center System (BIC)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: PRIME, Other / INFORMEX, dBase III +, Clipper
System Level: 3

The BIC is used to track trouble calls for HQ Waterside Mall.

System: Carpool System (CARPOOL)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Dione, Bowlding (202) 382-2110 FTS: 8-382-2110

Hardware/Software: PRIME / INFO
System Level: 2

This system is used to aid in the tracking and distribution of parking spaces of EPA carpool members. It also establishes new carpools for EPA employees.

System: Circulation System (EPACIR)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Hoadley, David (202) 475-8672 FTS: 8-475-8672

Hardware/Software: IBM PC / dBASE III
System Level: 3

This system maintains information on all documents borrowed from the Headquarter Library. From the resulting master file, periodic reports (normally weekly) by document title and borrower's name are produced indicating all outstanding library material. In addition to these outputs, a semi-annual report by borrower is distributed to all borrowers indicating the material which is overdue. The system also provides an important clearance check for departing employees. In total, this application allows the librarian to properly monitor all aspects of library material on loan.

System: Combined Payroll Redistribution and Reporting System (CPARS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: ES 9000 / ADABAS/Natural
System Level: 1

CPARS is an automated system for on-line entry and edit of payroll redistributions. The system will access the EPAYS Paymerge File and display current labor distributions. A user may make redistributions of regular object classes by percentage or dollars. The system will perform the appropriate calculations to generate adjusting transactions for all object classes, including benefits object classes. Finally, the system will transfer these transactions to EPAYS and IFMS.

System: Conference Scheduler System (CSS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / dBASE III+, Clipper
System Level: 3

The CSS is used to book conference rooms in the EPA North and South Conference Center and assign needed audiovisual equipment for user presentations.

System: Conflict of Interest Prototype (COINS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: McWhirter, Calvin C. (202) 382-3185 FTS: 8-382-3185

Hardware/Software: IBM PC / FOXPRO
System Level: 3

COINS will support the EPA contractor procurement process by providing decision tracking and decision support capabilities for managing organizational conflict of interest.

System: Contract Delivery Order Tracking System (CDOTS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Sykes, John (202) 475-8644 FTS: 8-475-8644

Hardware/Software: PRIME / Cobol, Fortran (screen drivers)
System Level: 3

CDOTS is a computerized system for generating delivery order documents and tracking associated administrative and financial information. In addition, the delivery and acceptance performance of contractors is monitored.

System: Contract Payment System (CPS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Schur, Dennis A. (919) 541-3041 FTS: 8-629-3041

Hardware/Software: ES 9000 / ADABAS, Natural
System Level:

Installed at OARM-RTP in March 1987, the Contracts Payment System (CPS) provides a comprehensive financial data base for the agency's 3200+ active contracts. It operates on the NCC IBM 9000/720 under the ADABAS DBMS environment via interactive and batch modes. It is a major sub-system to the Integrated Financial Management (IFMS), and provides detail/summary level information on contract award and invoice data. User friendly menus enable finance personnel and external users to examine information via the on-line query capability. Other benefits include warehousing invoices to meet the Prompt Payment Act, generation of the invoice approval form and use of electronic approval by PO/COs, and reports to accommodate the superfund legislation.

System: Contracts Information System (CIS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Oliver, John A. (202) 475-8288 FTS: 8-475-8288

Hardware/Software: ES 9000 / System 2000, Cobol/Plex
System Level: 2

This system contains descriptive, milestone and financial data on procurements in progress and on awarded contracts. The SE data also includes names and addresses of contractors. The CIS tracks the status of procurement requests and provides summary information on contracts. Assistant Administrators, as allowance holders, ascertain the status of their commitments and obligations by their use of CIS output monthly. Milestones are entered into the system for each contract, from the initiating commitment through the retirement of the contract. Significant information collected for each contract includes title of contract, period of performance, estimated cost and obligated amounts, and type of program effort.

System: Dock Freight System (DFS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / dBase III +, Clipper
System Level: 3

The DFS is used to track all incoming/outgoing freight such as furniture, publications, supplies, and computers.

System: EPA ADP Procurement Expert (ADP-EXPERT)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Harris, Theodore R. (919) 541-2538 FTS: 8-629-2538

Hardware/Software: IBM PC / Dbase III+, Exsys
System Level: 3

The ADP Procurement Expert is a PC based expert system application. It provides advice to EPA users on following procedures for procuring ADP products/services, telecommunications services, ADP staff support services, and ADP-related supplies. It identifies user requirements and provides ordering information for requirements that can be met through existing contracts. It also provides step-by-step advice on applicable procurement procedures and approval requirements called for in the FIRMR, FAR, and the EPA Office of Information Resources Management (OIRM) Policy Directives.

System: EPA Information Systems Inventory (ISI)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM)
Responsible Person: Hufford, Steve (202) 475-7732 FTS: 8-475-7732

Hardware/Software: IBM PC, Apple Macintosh / Clipper, Hypercard Prototype
System Level: 2

The EPA Information Systems Inventory is maintained on an IBM PC and currently holds roughly 500 records. The ISI was developed to enhance the Agency's ability to track major information systems, facilitate the sharing of information across media and program boundaries and improve the Agency's oversight of information systems development. For each system in the Inventory, the following information is included: system identification, descriptors of database content, and administrative data about access, and legal authorities. The database is available in the EPA Headquarters, Regional Libraries, and NTIS. The system is managed by the Information Management and Services Division, OIRM.

System: EPA On-Line PC Help System (Part of VABS) (NDPD)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Ollennu, Nii A. (202)-475-7200

Hardware/Software: IBM PC / "C" - driver; stored in ASCII Textfile
System Level: 2

This system provides on-line help to users about NDPD PC help services (e.g., manuals) available to them.

System: EPA Payroll System (EPAYS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: ES 9000 / COBOL, ADABAS, FOCUS, P/L1
System Level: 1

EPAYS is a major system which features a standardized nationwide data entry system for Time and Attendance, Payroll and Personnel data (i.e. the TAPP system). The system also contains a labor distribution function for agency payroll accounting and biweekly production of agency payroll requirements. Additionally, the system has the ability to distribute personnel management information to meet management and regulatory reporting requirements.

System: EPA RTP Locator System (FMSR)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Ritch, Linda (919) 541-7541 FTS: 8-629-7541

Hardware/Software: IBM PC / dBase III
System Level: 3

This system provides a reliable means of maintaining current, necessary location and status information of contractor employees. This system is useful due to the large number of contractor employees utilized by EPA in the RTP area. The system contains the following data: ID number, person's name, EPA employee status, company name or EPA program, status level of card, card number, building/room where they work, phone number, mail drop, and color code of card.

System: EPA's Electronic Mail System (E-MAIL)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Rogers, T. (919) 541-2377 FTS: 8-629-2377

Hardware/Software: PRIME / FORTRAN
System Level: 2

The system is a vendor owned and operated computer based message service. E-Mail provides for interactive agencywide electronic messaging by EPA management, professional and clerical staff as well as program initiated networks of state and local government contacts. A project has been initiated to bring the E-MAIL service in-house. Plans are to implement DEC ALL-IN-ONE as the EPA E-MAIL system. If no delays are experienced, the conversion should be complete by mid-August 1991.

System: Electronic Course Catalogue System (E-CATS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-OFC of Human Resources Mgt
Responsible Person: Rago, Ron (202) 382-2999 FTS: 8-382-2999

Hardware/Software: PRIME / InfoPlus
System Level: 2

E-CATS is a Career Management System, Training Catalogue and Schedule. The purpose of E-CATS is to provide the latest quality information on EPA and other selected environmentally related courses through on-line service to our customers. Customers include EPA managers, supervisors, employees, career counselors, state and local governments and selected private businesses and academic institutions. Individuals with an E-Mail ID can access E-CATS by typing "ECATS" at the prompt.

System: Environmental Priorities Initiative Tracking System (EPITS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Noronha, Elizabeth (414) 744-1768 FTS: 8-484-1768

Hardware/Software: / dBase III +, Clipper (later)
System Level: 3

The Environmental Priorities Initiative Tracking System is a tool for engineers to keep track of the status of Resources Conversation and Recovery Act (RC RA) rank, Hazard scores, assessment date, review date, site investment data, and priority code for different states. The system has "UPDATE", "SEARCH" "HELP" & "REPORT" capabilities.

System: Facilities Alterations Tracking System (FATS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: PRIME, Other / INFORMEX, dBase III+, Clipper
System Level: 3

The FATS is used to track alterations projects at HQ Waterside Mall from start to finish.

System: Facilities Index System (FINDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Meyer, Ingrid B. (703) 883-8832 FTS: None

Hardware/Software: ES 9000 / ADABAS, NATURAL
System Level: 2

FINDS is a computerized inventory of facilities regulated or tracked by EPA. All facilities are assigned unique Facility Identification numbers by FINDS which serve as cross-reference numbers to facility information residing in the EPA program system. This function supports cross-media data integration by tracking facility locations across EPA program offices. It is used to assist in integrated enforcement analysis, "hot-spot" determination, risk analysis, etc.

System: Financial Management System (FMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: ES 9000 / COBOL, IRS, INFORM, FORTRAN
System Level: 1

The EPA's Financial Management System (FMS) is an information system that is used for EPA's accounting and financial reporting. It is the official accounting system of the Agency.

System: Foundation Information and Real Property Management System (FIRM)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-382-3266

Hardware/Software: IBM PC / ORACLE
System Level: 3

FIRM is used to track the agency's rent costs, and will eventually serve as a primary facilities database of building information.

System: Geographic Resources Information and Data System (GRIDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Pease, Robert (703) 883-8843

Hardware/Software: ES 9000 / FOCUS for DBMS; PLI and CLIST for programming
System Level: 1

The Geographic Resources Information and Data System (GRIDS) was developed to promote data sharing, data integration, and software technology transfer across the Agency. GRIDS provides national access to spatial datasets through a central facility. It contains, among other things, a library of spatial tools for use in development of Geographic Information (GIS) applications. This centralized library provides EPA with a means of reducing costs during the development of GIS applications, through sharing of both data and spatial tools. Spatial datasets retrievable through GRIDS (over 50 gigabytes of data) will provide data themes useful in a wide range of environmental GIS applications.

System: Grants Administration Division Management Information System (GADMIS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: McMoran, W. Scott (202) 475-8270 FTS: 8-475-8270

Hardware/Software: IBM PC / Software on Hold
System Level: 3

The GADMIS was designed to report to EPA management, Congress and private industry. This system reports the rate of grant obligations during a given month and/or fiscal year.

System: Grants Information & Control System (GICS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Howell, Howard (202) 382-5139 FTS: 8-382-5139

Hardware/Software: ES 9000 / ADABAS, NATURAL
System Level: 2

GICS, Grants Information & Control System, is the Agency's management information system for all grant programs. This national system is used by Headquarters, Regions, and States to administer and monitor grants. GICS resides on the ES 9000 at the NCC and uses the ADABAS DBMS and the Natural Programming language. Report menus for HQs, Regions, and Programs are available for batch or on-line reporting. On-line data entry systems for the construction and non-construction programs have been customized to provide for updating and tracking of the grant process.

System: Hazardous Waste Superfund Collection Database (HAZARD)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Annand, Suzanne (202) 475-8298 FTS: 8-475-8298

Hardware/Software: ES 9000, IBM PC /
System Level: 3

HAZARD provides automated search and retrieval capability of EPA reports, books and OSWER directives. Each record is composed of several fields such as title, author, abstract, keywords, sponsoring organization/office, project manager, NTIS number, contract number and call number. It includes key materials identified by the library network, OSWER and ORD as important documents dealing with the Hazardous Waste Program under Superfund and RCRA.

System: Headquarters Automated Grant Document System (HAGDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Region 1 Boston
Responsible Person: Howell, Howard (202) 382-5139 FTS: 8-382-5139

Hardware/Software: ES 9000, IBM PC / ADABAS, Natural
System Level: 3

The Headquarters Automated, Grant Document System provides the automated production of a HQ grant award or fellowship document. This system combines mainframe, microcomputer, and telecommunications technologies.

System: Hotline Assistance Request Systems (IRMD)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Ashton, John (513) 569-7794

Hardware/Software: IBM PC / dBase III+
System Level: 4

Hotline Assistance Request System logs, tracks, and manages requests from clients for computer or electronic communication assistance.

System: INFOTERRA International Directory of Sources (INFOTERRA)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Spencer, Linda (202) 382-3522 FTS: 8-382-3522

Hardware/Software: IBM PC /
System Level: 2

INFOTERRA is a global, decentralized network of sources of environmental information. Those sources number over 6500, and are located in government ministries and documentation centers, research institutes, universities, non-governmental and international organizations, United Nations agencies, and private consultancies. The primary instrument for accessing these sources of information is the International Directory of Sources, which exists in both printed and diskette forms.

System: IRM User Support Calls Tracking and Statistical Analysis System (IRMHELP)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Noronha, Elizabeth (414) 744-1768 FTS: 8-484-1768

Hardware/Software: IBM PC / dBase III + & dBase IV
System Level: 3

The IRMHELP is an on-line HELP Line to track user support calls and provide a means for tracking staff response time. At the end of each reporting period, administrative personnel can generate reports and statistics on performance.

System: In-House Mailing Label Support
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-Cinn
Responsible Person: Friedman, Bernice (513) 684-7761 FTS: 8-684-7761

Hardware/Software: DEC 11/70 / Fortran
System Level: 4

This system produces labels for correspondence purposes in various quantities.

System: Integrated Contracts Management System (ICMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM)
Responsible Person: Farris, Tim (202) 382-6303 FTS: 8-382-6303

Hardware/Software: ES 9000, IBM PC, IBM Logical Mainframe/Other / Not determined yet
System Level: 1

The ICMS will provide comprehensive procurement and contract management life-cycle support from acquisition initiation through contract close-out. It will interface with other EPA systems to successfully utilize their capabilities. ICMS will improve and streamline administrative processes, control, planning, monitoring, financial accountability, organizational conflict of interest determination and contract work assignment performance.

System: Integrated Financial Management System (IFMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: Other / ADABAS/Natural, COBOL
System Level: 1

IFMS was designed expressly for government financial accounting and supports GAO Title 2 requirements, OMB internal control requirements and OMB's A-127 initiatives. IFMS performs funds control from commitments through payment; updates all ledgers and tables as transactions are processed; provides a standard means of data entry, edit and inquiry; and provides a single set of reference and control files. IFMS has table driven editing, posting and reporting capabilities. It supports on-line inquiries, standard and ad hoc reporting.

System: Interagency Agreement Management System (IAMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Howell, Howard (202) 382-5139 FTS: 8-382-5139

Hardware/Software: ES 9000, IBM PC / ADABAS, NATURAL, DBase III
System Level: 2

IAMS, Interagency Agreement Management Subsystem, of GICS provides for the automated production of interagency agreement (IAG) documents. IAMS combines the technologies of mainframe, microcomputer, and telecommunication. This subsystem uses the ADABAS data entry system, download software, and dBase to automatically produce IAG's.

System: Interlibrary Loan Copywrite
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Griffith, Cindy (513) 569-7702

Hardware/Software: IBM PC / dBase III
System Level: 4

Interlibrary Loan Copywrite tracks titles borrowed from other libraries. It is also used to influence collection development, and it supports compliance with the copywrite law. The hardware and software used for this system is an IBM-PC and "dbase III", respectively.

System: International Register of Potentially Toxic Chemicals (IRPTC)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Battin, Andrew T. (202) 475-9709 FTS: 8-475-9709

Hardware/Software: ES 9000, IBM PC / ADABAS, Natural 1
System Level: 2

The International Register of Potentially Toxic Chemicals is a program activity of the United Nations Environment Program in Geneva. The main objective of IRPTC is to facilitate access to existing data on the production, distribution, release and disposal of chemicals, and their effects on man and the environment. The core activity of IRPTC to achieve this objective is the collection and dissemination of data on chemicals in the form of Chemical Data Profiles. Data profiles are integrated data sets covering a broad spectrum of subject areas related to hazard identification and risk assessment of chemicals. They contain the maximum of relevant information in a minimum of space. A manual is available for users.

System: Inventory Tracking System (INVENT)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Sykes, John (202) 475-8644 FTS: 8-475-8644

Hardware/Software: PRIME / INFO
System Level: 3

The inventory system tracks all PCMD items that have an EPA identification sticker on them. The system provides data related to where the item is located, its serial number, model number, manufacturer, and whether or not it was purchased by Superfund appropriations.

System: Labor Services Request Tracking System (LSRTS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-382-3266

Hardware/Software: /
System Level: 3

The LSRTS is currently a manual system used to track labor services activities nationwide.

System: Mail Distribution System (MDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / Clipper
System Level: 2

The MDS generates mailing labels for general mail distribution to more than 17,000 EPA employees. Additionally, the system produces labels for special categories of employees such as SESers or program offices.

System: Mail Management System (MMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / dBase III +, Clipper
System Level: 3

The MMS tells the Mailroom personnel where to deliver the mail for HQ personnel. This file contains an estimated 8,000 names. The MMS supports mailroom operations and maintains address information for HQ personnel.

System: Management Accounting Reporting System (MARS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: / ADABAS/Natural
System Level: 1

MARS is a report generator to extract data from EPA's IFMS budget and accounting information database. MARS produces both adhoc reports and standard reports. It features user "views" for specific user communities.

System: Management Audit Tracking System (MATS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Regan, Joe (202) 382-4203 FTS: 8-382-4203

Hardware/Software: ES 9000, IBM PC, PRIME / dBase, (Clipper)
System Level: 1

MATS implements reporting mandated by OIG ACT amendments of 1988 to report on actions taken in response to OIG audit findings, including the reporting of reasons for non-action and funds recovered.

System: OA-Cinci (EMSAC) Library Circulation System (LCS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-Cinn
Responsible Person: Scibold, Pam (513) 684-7763 FTS: 8-684-7763

Hardware/Software: Other / Focus
System Level: 4

Library file was created to control book and document circulation. Updated information is input by library personnel through the PDP 11/70. The system has two primary files. One file records books on loan. The data elements include book title, author, person name, number and due date. The second file is used to record library holdings that are not journals or books. Reports are used by management for properly informing personnel.

System: OA-RTP Keyword in Context Index (KWIC/IBM)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Knight, John (919) 541-2794 FTS: 8-629-2794

Hardware/Software: ES 9000 / Cobol
System Level: 3

KWIC is a system containing bibliographic citations and data. It is written in COBOL and can generate reports of the data in KWIC, KWOC, and bibliographic formats. Ad Hoc reports can be created by the user by ordering data and choosing assigned keywords.

System: Online Catalog (OLS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Hoadley, David (202) 475-8672 FTS: 8-475-8672

Hardware/Software: IBM Logical Mainframe/Other / BASIS
System Level: 3

The Online Catalog contains bibliographic citations on the book, journal, and report collections held by the 28 EPA libraries. The database includes citations and abstracts, where available, on all EPA and predecessor agency reports registered with the National Technical Information Service (NTIS) since 1966. The system also contains the Clean Lakes Database, Chemical Collection System Database, Climatic Change Database, Hazardous Waste Database and citations on scientific and technical articles translated from and into English for the Agency since 1972.

System: Performance Standards System
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Clugston, William C. 202-382-7545

Hardware/Software: IBM PC / Clipper 5.0
System Level: 2

The Performance Standards System stores and generates performance evaluations agency wide.

System: Personal Property Accounting System (PPAS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Dellapenta, Dan (202) 382-3523 FTS: 8-382-3523

Hardware/Software: IBM PC / PC FOCUS
System Level: 1

The PPAS is used to track EPA personal property worth more than $1k including computers, boats and cars. It does not track furniture.

System: Personnel/Payroll Reporting System (PPRS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-OFC of Human Resources Mgt
Responsible Person: Kearns, Amy (202) 382-3314 FTS: 8-382-3314

Hardware/Software: ES 9000 / FOCUS, CLIST, COBOL
System Level: 1

PPRS is a reporting facility for the EPAYS and TAPP systems. It provides extensive data extract and report generation capability. It also contains a small subsystem to support specialized reporting for the Office of Civil Rights (OCRS).

System: PhotoCopy System (PCS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / AA-External Affairs
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / dBase
System Level: 3

The PCS is used to track photocopier usage and associated cost for 200+ HQ copier machines.

System: Project Officer Record System (PORS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Murphy, Ed (202) 382-5034 FTS: 8-382-5034

Hardware/Software: PRIME / INFO
System Level: 3

The POR system tracks agency employees who have completed the basic project officer's course and the contract administration course. A record of the date of completion for each course is entered for each employee. The system is capable of generating reports by location of individuals who have completed the courses. Additionally, the system can produce mailing labels for certified project officers.

System: Project Tracking System (PTS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-382-3266

Hardware/Software: /
System Level: 3

The PTS is currently a manual system, used to track the status of building and facilities' projects nationwide.

System: RTP Library (LIBR)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-RTP
Responsible Person: Knight, Johnny E. (919) 541-2795 FTS: 8-541-2795

Hardware/Software: ES 9000 / Cobol, Basic
System Level: 3

The RTP library is a group of several systems which provide local reports and tracking for the RTP library. This system maintains information on the books, documents, journals, etc. contained in the RTP library. The reports generated include author, title, subject, shelf-list, and circulation reports.

System: Regional Automated Grants Document Subsystem (RAGDS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Howell, Howard (202) 382-5139 FTS: 8-382-5139

Hardware/Software: ES 9000, IBM PC / ADABAS, NATURAL, dBase III
System Level: 2

RAGDS, the Regional Automated Grant Document Subsystem of GICS, provides the automated production of a grant award document by combining mainframe, microcomputer and telecommunication technologies. Grant data is entered into the GICS ADABAS database which is downloaded to a dBase file on the PC through NATURAL Connection. Software packages Polaris and Pagemaker are used to produce the forms.

System: Resource Management Information System/Budget Analysis System (RMIS/BARS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Boone, William (202) 382-3367 FTS: 8-382-3367

Hardware/Software: ES 9000 / COBOL, IRS, Pascal, PL/1, TSO
System Level: 2

This system contains information that supports the development, tracking, and execution of the Agency's budget and operating plans. The system supports the Agency's programming, budgeting and budget execution process by maintaining automated files containing EPA's resource plans. Additional related systems include Automated Document Control Register (ADCR) and Integrated Financial Management System (IFMS).

System: Small Procurement Automated Tracking System (SPATS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Southerland, Thomas (513) 569-7764

Hardware/Software: PRIME / INFO
System Level: 3

SPATS provides an on-line real-time DBMS that automates and integrates small purchasing -- order-entry by originator, approvals, obligations, tracking, updates, property reviews, purchases, receipts, and payments. The system uses PRIME hardware and "INFO" software.

System: Small Purchases Automated Managment System (SPAMS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Sykes, John (202) 475-8644 FTS: 8-475-8644

Hardware/Software: PRIME / COBOL
System Level: 3

The Small Purchase Tracking System monitors the cycle of a purchase request from the time it reaches the small purchase unit through its award. This system is able to dictate milestone completion dates and establish leadtimes. SPAMS also prints purchase orders.

System: Solid Waste Publications Database
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Gunkel, Louise (513) 569-7708

Hardware/Software: IBM PC / dBase III
System Level: 4

SWPD maintains an inventory for management of solid waste publications. The hardware and software used for this system is an IBM-PC and "dBase III", respectively. Also it lists solid waste publications (old publications - back about 1970s and early 1980s).

System: Special Package for Unique Reports (SPUR)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Plater, Orlando (202) 382-5149 FTS: 8-382-5107

Hardware/Software: ES 9000 / TSO, CLIST
System Level: 2

The SPUR System (Software Program for Unique Reports) is the primary access vehicle for FMS users to do Ad Hoc reports from the Financial Management System. However, this system will be used more for historical reference because MARS (Management and Accounting Reporting System) will include the most current financial data in a different format.

System: Superfund Cost Organization and Recovery System (SCORE $)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Coombs, Bob (202) 382-2886

Hardware/Software: IBM PC / dBase III
System Level: 3

This system tracks documented costs at CERCLA sites. This is key to the development of section 107 Cost Recovery Actions. This system is based on an IBM PC.

System: Superfund Cost Recovery Image Processing System (SCRIPS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Comptroller
Responsible Person: Hooks, Bill (919) 541-2817 FTS: 8-629-2817

Hardware/Software: Other / Unknown
System Level:

SCRIPS, (Superfund Cost Recovery Image Processing System) was formerly known as STARS (Superfund Transaction Automated Retrieval System). SCRIPS is being developed to automate, through the use of image processing technology, the storage and retrieval of all site-specific Superfund cost documentation and integrate this information with EPA's Integrated Financial Management System (IFMS). When SCRIPS is operational, this application will capture cost document images at regional and field sites throughout the country. All those images will be stored centrally at EPA's National Computer Center (NCC) data processing facility.

System: Supply Store System (SSS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Posey, Connie I. (202) 382-2156 FTS: 8-382-2156

Hardware/Software: IBM PC / "off-the-shelf" Inventory
System Level: 3

The SSS is used to track supply store inventory for the various EPA program offices and activities.

System: Taxonomic Index File (TAXFILE)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Inform Rsces Mgt
Responsible Person: Sierra, Joe (703) 883-5059

Hardware/Software: ES 9000 / Inhouse Software
System Level: 2

This data base contains systematic nomenclature and biological hierarchies for organisms now connected with the BIOS (Biological Data) data base. The Taxonomic file is undergoing modernization to serve as the repository for EPA information on Biological nomenclature. The system is jointly operated by the Office of Water, Office of Water Regulations and Standards, and Office of Information Resources Management, System Development Center.

System: Time & Attendance Personnel & Payroll (TAPP)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-OFC of Human Resources Mgt
Responsible Person: Serio, Vince (202) 382-5107 FTS: 8-382-5107

Hardware/Software: / ADABAS/NATURAL
System Level:

TAPP provides a comprehensive on-line data entry and edit facility for EPAYS processed transactions. TAPP supports the collection and edit of all payroll and personnel related data.

System: Utilization Management (FMSD)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Admin-Cinn
Responsible Person: Friedman, Bernice (513) 684-7761 FTS: 8-684-7761

Hardware/Software: IBM Logical Mainframe/Other / PL-1, IRS
System Level: 4

FMSD was created to control space allocation and telephone information for the programs. There are two primary files. The first is organized by building and room number and contains room square footage. The second file contains personnel information such as SSN, name, room, telephone and organization numbers. The system is used to produce a telephone directory and to track facility utilization.

System: Warehouse Inventory System (WIS)
Responsible Organization: Asst. Admin. for Administration & Resources Mgmt. (OARM) / Dir-Administration
Responsible Person: Johnson, Warren R. (202) 245-3594 FTS: 8-245-3594

Hardware/Software: IBM PC / dBase III +, Clipper
System Level: 3

This WIS is used to track all merchandise in the warehouse for EPA HQ.

System: A Low-Level Radioactive Waste Environmental Transport and Risk Assessment Code (PRESTO-EPA)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Hung, Cheng-Yeng (202) 475-9633 FTS: 8-475-9633

Hardware/Software: ES 9000, IBM PC / Fortran
System Level: 2

PRESTO-EPA is a computerized model which calculates the health effects to population exposed to radioactivity. The radioactivity exposure is that which escapes from a shallow land burial site or through options from a deep geologic burial site. DARTAB is used as a subroutine to calculate fatal cancers and genetic defects. RADRISK data is required to run the model. Health effects to the general population and the critical population group are calculated as specified by the user. A PC version which calculates health effects for a critical population group (PRESTO-CPG/PC) is also available.

System: Aerometric Information Retrieval System (AIRS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Bosch, John C. (919) 541-5583 FTS: 8-629-5583

Hardware/Software: ES 9000 / ADABAS
System Level: 2

AIRS stores air quality, point source emissions, and area/mobile source data required by Federal regulations from the 50 states. Monitoring is required for the criteria pollutants based on population, pollutant sources, geographical area, etc. Point sources emitting more than 100 tons per year of any criteria pollutant (except 5 tons per year for lead and 1000 tons per year for CO) must report actual or estimated annual emissions data. The Agency's publications are available from NTIS.

System: Air Emissions from Treatment Storage and Disposal Facilities for Hazardous Waste (TSDF)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R)
Responsible Person: Shedd, Steven (919) 541-5397 FTS: 8-629-5397

Hardware/Software: ES 9000 /
System Level: 4

This data base contains information about all industrial facilities which treat, store, or dispose of hazardous wastes. The information will include company, location, description, and size of each site and stream compositions. Physical-chemical properties, air emission models, and dispersion models are included. The system will be used to generate air emission inventories to support future air pollution regulations.

System: Air Quality Management Division-Bulletin Board System (AQMD-BBS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Stackhouse, C.W. (919) 541-5208 FTS: 8-629-5208

Hardware/Software: IBM PC / FOXPRO
System Level: 2

OAQPS has been actively involved in developing and expanding a computerized system, known as the Air Quality Management Division Bulletin Board System (AQMD-BBS) to track and report the status of various priority Regional projects. Prior work has created the portions of the system for the criteria pollutants. The purpose is to develop an interactive bulletin board system by which both the Regions and Headquarters could access the various data bases developed and maintained by the Regional Operations Branch. This includes databases for ozone/carbon monoxide (Oc/CO), particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM-10), and sulfur dioxide (SO2) data.

System: Air Significant Violators System (AIRSVL)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R)
Responsible Person: Czerniak, George (312) 886-6789 FTS: 8-886-6789

Hardware/Software: ES 9000 / FOCUS Language
System Level: 3

The system is written in FOCUS on the ES 9000. It tracks State and Federal Significant Air Violators. This is accomplished by inputting information such as Source Number (which is derived from a National system called the AIRS Facility Subsystem), State Registration Number, Source Classification, and Type of Violation, to name a few. The system tracks cases through resolution.

System: Airborne Particulate and Precipitation Data (ERD)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Goode, Paula (205) 270-7052 FTS: 8-228-7052

Hardware/Software: Other / Fortran
System Level: 2

This data base contains data on gross beta concentration in samples of airborne particulates and precipitation. Location (city & state), 5 hour field estimate (pico curies per cubic meter), maximum, minimum, and average results for some are provided. This system also contains millimeters of rainfall analyzed and reported in nano curies per square meter. Specific gamma is reported in pico curies per liter.

System: Ann Arbor AP-42 Program (APGR)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Newell, Terry (313) 668-4462 FTS: 8-374-4462

Hardware/Software: IBM Logical Mainframe/Other, Other / Fortran
System Level: 3

The computer model, MOBILE4, predicts HC, CO, and NOX emission for on-road motor vehicles. The model corresponds to the highway portion of AP-42 Vol 2 (1990). The model is used by all states and local air control agencies in the development of SIPs, EISs, and evaluation of air control problems. It is the approved EPA model for prediction of mobile source emission factors.

System: Ann Arbor Certification Information and Fuel Economy Data Base (CIDB)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / MICRO-DBMS
System Level: 3

The Certification Information and Fuel Economy Data Base contains all pertinent data and information on Certification engine families, vehicles, emission tests, fuel economy tests, models, carlines, test codes, and CAFE-corporate average fuel economy. The data base also holds summary results for all compliance information collected by Certification Division for all model years from 1976 to date. The data base is accessible using the "MICRO" relational data base management system available on the University of Michigan (MTS) computer system. This data base includes all light-duty certification and fuel economy vehicles.

System: Ann Arbor In-Use Test Data System (IUTD)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Newell, Terry (313) 668-4462 FTS: 8-374-4462

Hardware/Software: Other / University of Michigan DBMS-MICRO
System Level: 3

The In-Use Vehicle Test Data System consists of the emission measurements obtained from autos and trucks that are owned and operated by the motoring public. This data base is the source of information used to develop the mobile source emission factors model (MOBILE4), I/M effectiveness estimates, and anti-tampering credits. Most of the data is collected through the Emission Factor Program which has been conducted annually since the early 1970s.

System: Ann Arbor Laboratory Computer System (LCS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Kargul, John K. (313) 668-4386

Hardware/Software: Other / Fortran ('66)
System Level: 3

The laboratory computer system supports the testing functions of the mobile source program. Real-time, batch, and on-line interactive I/O are supported. The LCS is a dual system configuration and has four 300M bytes of disk storage. Test data, instrument calibrations, and QC data are processed and reported. The LCS serves as a remote station to the Michigan Terminal System (MTS) for printing, card reading, and data file updating and plotting.

System: Applications for Certification (CERTAPPL)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Reed, Clarice (313) 668-4266 FTS: 8-374-8266

Hardware/Software: /
System Level: 3

This manual data base contains hard copy applications for certification of light-duty vehicles and trucks, heavy-duty engines, or motorcycles. Descriptions of intended product lines, test facilities and equipment, fuels and lubricants, test procedures, and other information pertinent to emissions certification are also included in the data base. There are no current plans to automate this manual data base.

System: Assembly Line Test and Selective Enforcement Audit Data (ALT-SEA)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Smith, Mary T. (202) 382-2500 FTS: 8-382-2500

Hardware/Software: Other / MICRO DBMS on MTS
System Level: 3

The Assembly Line Test and Selective Enforcement System tracks emission test results from motor vehicle and engine manufacturers. Data from the assembly line testing of new light-duty vehicles, light-duty trucks and heavy-duty engines is stored. FTP emission test results are acquired, stored, and retrieved during the Selective Enforcement Audits of vehicles, trucks, and engines.

System: Atmospheric Dispersion of Radionuclides (AIRDOS-EPA)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Parks, Barry (702) 798-2443 FTS: 8-545-2443

Hardware/Software: ES 9000 / Fortran ('77)
System Level: 2

AIRDOS-EPA is a model for estimating annual intakes and exposures from the atmospheric release of radionuclides. The purpose of the program is to provide these quantities as input to a companion program (DARTAB) to assess the individual or collective doses and risks associated with chronic releases of radionuclides. Atmospheric dispersion, wet and dry deposition, and food pathway models are included. Provision is made for radionuclide chain ingrowth and decay as well as environmental removal in the terrestrial portion of the model.

System: Automated Imports Tracking System (AITS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Montgomery, Robert F. (202) 382-2500 FTS: 8-382-2500

Hardware/Software: PRIME / INFO
System Level: 3

The AITS is a computer based information management and tracking system which stores data in reference to non-conforming automobiles that are imported into the United States. The information is used to answer inquiries concerning the compliance status of automobiles. The system is on a prime computer and programmed in INFO.

System: BACT/LAER Determinations (BLIS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Blaszczak, Bob (919) 541-5432 FTS: 8-629-5432

Hardware/Software: SPERRY 1100/82 /
System Level: 2

The BLIS data base contains selected parameters, in summary form, from new source permits. The parameters consist of both types and amounts of pollutants emitted, control technology and efficiencies, and location of people making the determination. As states submit new determinations, they will be entered into the BLIS system as well.

System: Computer Timesharing Resource Control System (RCS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Cumberworth, Mitch (313) 668-4342 FTS: 8-374-8342

Hardware/Software: Other / Fortran
System Level: 3

This ADP budgeting and accounting system monitors usage of the Michigan Terminal System (MTS) by elements of the Office of Mobile Sources (OMS). Monthly reports are produced which allocate system usage costs to individual accounts, organizations, and project work areas. Reports also contain budget information and various other usage statistics (e.g., computer terminal usage, system performance and reliability, etc.)

System: Contract Administration Assistance Tool (CAAT)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) /
Responsible Person: Moore, Katherine (202) 382-7432

Hardware/Software: IBM PC /
System Level: 4

CAAT provides managers, at the Office of Policy Analysis and Review (OPAR) within OAR, with a tool that will assist them in all administrative aspects of managing "Level-of-Effort" (LOE) contracts and keeping track of general information, as well as detailed accounting information on work assignments.

System: Dose and Risk Assessment Tabulation (DARTAB)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) /
Dir-Radiation Programs
Responsible Person: Parks, Barry (702) 798-2443 FTS: 8-545-2443

Hardware/Software: ES 9000 / Fortran
System Level: 2

This program is used to compute fatal cancers and genetic defects from radiological concentrations on the ground surface, air, and in water and vegetation. It is used in conjunction with RADRISK information to provide risk assessment information for AIRDOSE-EPA, and PRESTO-EPA.

System: Emissions Certification Data Base (ECDB)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Fortran, MICRO DBMS
System Level: 2

The Certification Division has responsibility for administering federal laws and regulations relating to vehicle and engine pre-production emissions certification, development of fuel economy labels, and calculation of Corporate Average Fuel Economy figures for each automobile manufacturer. The division uses data collected on vehicle and engine tests performed at EPA and at the manufacturer's site to monitor and evaluate manufacturer compliance with the regulation Programs. The data is also used to assist in decisions regarding requirements for further testing, approval of vehicle change requests, and changes to vehicle configurations. This system is composed of the six "Level 3" Systems listed as "related systems".

System: Environmental Radiation Ambient Monitoring System (ERAMS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Broadway, Jon (205) 270-3400 FTS: 8-228-3400

Hardware/Software: Other / EPA Software
System Level: 3

This system stores information including ambient levels of radiation in air, milk, and water, common fission products, actinides, and data from surveys and studies. Levels of substances are determined by analysis of samples of water, air, milk, and results are stored in a data base. Outputs include a quarterly report of ambient levels.

System: Fuel Economy (LDSFE)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Fortran/MTS
System Level: 3

The Fuel Economy Data base contains product line, test vehicle description, and fuel economy information. This system's data is generated for 1976 and succeeding model years to calculate new vehicle fuel economy labels (labeling) and to demonstrate manufacturers' compliance with corporate average fuel economy standards (CAFE).

System: Fuel and Fuel Additives Registration System (FFARS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Holley, John (202) 382-2635 FTS: 8-382-2635

Hardware/Software: Other / VAX Datatrieve
System Level: 3

This system tracks the registration information of required reporting entities for motor vehicle fuels and fuel additives.

System: Fuels Inspection Data Base (FUELDB)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Holley, John (202) 382-2637 FTS: 8-382-2637

Hardware/Software: Other / MICRO DBMS on MTS
System Level: 3

The FUEL DB contains information from contractor inspections of retail gasoline outlets to determine whether they comply with applicable regulations. Gasoline samples are also subjected to laboratory analysis for lead content, and outlet facilities are checked for compliance with other regulations.

System: Heavy-Duty Engine Certification Data (HDECERT)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Fortran, Micro DBMS
System Level: 3

The Heavy-Duty Engine Certification Data Base contains engine family information, test engine descriptions, emissions test data, and engine model data for emissions certification of heavy-duty engines.

System: High Level Radioactive Waste Risk Model (WESPDOSE2) Environmental Pathways
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Smith, Michael (205) 270-3422 FTS: 8-228-3422

Hardware/Software: Other / Fortran
System Level: 3

This system is used in ORP's high level radioactive waste analyses to calculate somatic and genetic risk information for use by the ORP REPRISK computer code. The code calculates somatic and genetic health effects per Curie release of user specified radionuclides to the available environment for four release modes. These modes include releases to a river, releases to an ocean, releases to land surfaces, and releases to air. The code traces the environmental transport of radionuclides released via each of these release modes through the applicable water, air and terrestrial environmental transport pathways to man. It calculates the external exposure and in-take of radionuclides, and determines the resulting somatic and genetic risk to the exposed population.

System: High Level Radioactive Waste-Repository Risk Model (REPRISK)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Clark, Raymond (202) 475-9633 FTS: 8-475-9633

Hardware/Software: ES 9000 / Fortran ('77)
System Level: 3

This computer code calculates the expected genetic and somatic health effects at a generic high level radioactive waste geologic repository. The code calculates radionuclide releases to air, land surface, and rivers or lakes from a repository as a result of expected events and accident events. The accidents are human intrusion (drilling), breccia pipes, faults, meteorites and volcanoes. The expected events are shaft and borehole leakage and bulk rock transport. The releases result either from destruction of waste packages or disturbance of the contaminated repository backfilled tunnels.

System: Imports Data Base (IDBS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Smith, Mary T. (202) 382-2500 FTS: 8-382-2500

Hardware/Software: PRIME / INFO
System Level: 3

The imports system provides a data base of information on automobiles passing through U.S. customs. It has the capability to search this data and identify all vehicles not in compliance with provisions of the Clean Air Act.

System: In-Use Technology Assessment (IUTA)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Micro DBMS, Fortran
System Level: 3

This is the In-Use Technology Assessment (IUTA) Vehicle Testing Data Base of engine families, vehicles, and FTP test results. The data base contains the results of emission testing performed on in-use vehicles randomly selected for the 1980, 1981, and 1982 model years. This data base also contains certification test results, emission standards, and results of the catalyst testing program. All data is accessible using the "MICRO" data base management system on the University of Michigan (MTS) computer system.

System: Kinetics Model and Ozone Isopleth Plotting Package (OZIPP)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Baldridge, Ellen (919) 541-5684 FTS: 8-629-5684

Hardware/Software: SPERRY 1100/82 / Fortran, Calcomp Plotter
System Level: 2

The Kinetics Model and OZIPP can be used to simulate ozone formation in urban atmospheres. OZIPP calculates maximum one-hour average ozone concentrations given a set of input assumptions about about initial precursor concentrations, light intensity, dilution, diurnal and spatial emission patterns, transported pollutant concentrations, and reactivity of the pre-cursor mix. The results of multiple simulations are used to produce an ozone isopleth diagram tailored to particular cities. Such a diagram relates maximum ozone concentrations to concentrations of nonmethane organic compounds and oxides of nitrogen. The diagram can be used in the Empirical Kinetic Modeling Approach (EKMA) to calculate the emission reductions necessary to achieve air quality.

System: Light-Duty Vehicle/Truck Certification (LDS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Fortran
System Level: 3

The Light-Duty Vehicle/Truck Certification Data Base contains certification engine family information, test vehicle descriptions, emissions test data, and running change data. The data stored in LDS was generated for 1976 and succeeding model years to demonstrate the capability of new motor vehicles and trucks to meet the emissions standards prescribed in the Clean Air Act.

System: MPB Exemptions
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Yap, Yazmine (202) 382-2547 FTS: 8-382-2547

Hardware/Software: Apple Macintosh / FILEMAKER II
System Level: 3

This system is a database file. It serves as a tracking system for the exemptions this office has granted.

System: Manufacturers Programs Branch Investigation Tracking System (MPBIT)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Montgomery, Robert F. (202) 382-2500 FTS: 8-382-2500

Hardware/Software: IBM PC /
System Level: 3

The MPBIT is a tracking system for MPB investigations.

System: Maximum Individual Dose Model (MAXDOSE)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Clark, Raymond (202) 475-9633 FTS: 8-475-9633

Hardware/Software: ES 9000 / Fortran, IMSL
System Level: 3

The Maxdose code calculates accidental releases from a nuclear waste repository. Both geological and human events are modelled. Each event produces a given set of dose rates at different times and distances. A second set of tables estimate contaminated areas and individual risk. Both leaching and dissolution remove waste from the matrix into the accessible environment. The releases are used to calculate the dose table.

System: Motorcycle Certification Data (MOCERT)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Ball, Tom (313) 668-4280 FTS: 8-374-8280

Hardware/Software: Other / Fortran, Micro-DBMS
System Level: 3

The Motorcycle Certification Database contains engine family information, test bike description, emission test data, and motorcycle models for emissions certification of motorcycles.

System: National Air Toxics Information Clearinghouse (NATICH)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Vasu, Amy (919) 541-0107 FTS: 8-629-0107

Hardware/Software: ES 9000 / ADABAS, NATURAL
System Level: 2

The National Air Toxics Information Clearinghouse contains air toxics information gathered from EPA/State/local agencies, international, and other Federal agencies. Information is disseminated via an online user-friendly (menu-driven) data base (NATICH), through hardcopy reports, and quarterly newsletters. The primary audience is State/local agencies and EPA officials involved with air toxics. Data includes regulatory program information, acceptable ambient concentrations, permitting data, ambient air monitoring information, source test data, emissions inventory data, research and methods development data, preliminary EPA risk assessment results, and bibliographic data.

System: National Air and Radiation Environmental Laboratory (NAREL)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Broadway, Jon (205) 270-3400 FTS: 8-228-3400

Hardware/Software: Other / EPA Software
System Level: 3

The National Air and Radiation Environmental Laboratory analyzes samples for radionuclides in support of standard setting, site characterization, RCRA and CERCLA clean up, efforts, monitoring (ERMAS), emergency response, and regional assistance. These samples are from a wide variety of media. The database contains identification and data for samples analyzed at NAREL.

System: National Asbestos Registry System (NARS)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Shafer, Ron (703) 308-8698 FTS: 8-398-8698

Hardware/Software: IBM PC / FOXBASE
System Level: 2

The National Asbestos Registry System (NARS) stores data on the compliance history of owners or operators (as defined in 40 C.F.R Part 61, Subpart A) of demolition and/or renovation operations involving asbestos materials. Information is reported to NARS quarterly by U.S. EPA Regional Offices, which in turn receive data from asbestos tracking systems operated by State and local environmental agencies. NARS holds records on about 7,000 owners or operators, who perform about 70,000 renovations or demolitions per year. NARS is used by delegated agencies to assist targeting inspections, according to criteria established in the U.S. EPA Asbestos Enforcement Strategy of March 31, 1988. NARS is also used by U.S. EPA managers for evaluating the asbestos program.

System: Network Flow and Transport (NEFTRAN)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Clark, Raymond (202) 475-9633 FTS: 8-475-9633

Hardware/Software: IBM PC / Fortran
System Level: 3

This model calculates the ground water transport of radionuclide decay chains where the members move with different relative speeds due to differing geochemical interactions. The model uses one-dimensional Darcy flow equations to analyze the ground water transport.

System: Occupational Radiation Data Files
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Richardson, Allan C.B. (202) 475-9620 FTS: 8-475-9620

Hardware/Software: ES 9000 / Fortran, SAS
System Level: 3

Data files for exposure to occupational workers for years 1970 and 1980 are contained in the Occupational Radiation data base. Information includes birth date, types and amounts of exposure, and identification of industrial classification. Information output can be grouped by industry, age groups, exposure, and collective dose.

System: Radionuclide Dose Rate/Risk (RADRISK)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Radiation Programs
Responsible Person: Parks, Barry (702) 798-2443 FTS: 8-545-2443

Hardware/Software: ES 9000 / Fortran ('77)
System Level: 2

RADRISK is a model designed to estimate the health risk due to inhalation or ingestion of radionuclides for arbitrary exposure periods. The end result of the system is a set of values relating fatal cancers and genetically significant radiation doses to a unit intake of radionuclides. The model is a greatly revised combination of two previously existing programs--INREM II and CAIRD. The health risk from external exposures is also estimated by the CAIRD model using dose rates from a separate model--DOSFACTER.

System: Recall Data Base (RECALLDB)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Romanow, Stewart (202) 382-2491 FTS: 8-382-2491

Hardware/Software: Other / MICRO DBMS on MTS
System Level: 3

This database contains FTP emission test results from recall testing of vehicles adjusted to manufacturer's specifications.

System: SEA Audits
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Mobile Sources
Responsible Person: Yap, Yazmine (202) 382-2547 FTS: 8-382-2547

Hardware/Software: Apple Macintosh / FILEMAKER II
System Level: 3

The system is a database. Any test results that SEA has gathered on an audit is filed in this system. This database keeps track of of all the audits we have performed from the 1988 model year to the present. It provides analysis on the data gathered.

System: Trends Report (TRRP)
Responsible Organization: Asst. Admin. for Air & Radiation (OA&R) / Dir-Air Quality Planning and Standards
Responsible Person: Freas, Warren (919) 541-5469 FTS: 8-629-5469

Hardware/Software: ES 9000 / Fortran, SAS, Tellagraf
System Level: 3

This system provides standard national reports regarding the status of air quality. The system is also used to set new standards, and determine impacts of new standards and other air regulations. It consists of such programs as NAMS siting information, SLAMS reports, Air Data Screening, Episode Reporting, Air Quality KWIC-LOOK, and 50 to 100 small programs tied to statistical packages (SAS) and analysis.

System: Automated Enforcement Data Integration/Retrieval Query System
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Responsible Person: Lappan, Jerry (202) 475-6123

Hardware/Software: ES 9000 / PL-1
System Level: 2

This system allows users to query other program office data systems, on a read-only basis. Currently, the one month old system can access approximately eight other data systems but will access many more over the next six months to a year.

System: BEN/ABEL (BEN/ABEL)
Responsible Organization: Asst. Admin. for Enforcement (OE)
Responsible Person: Libber, Jonathan D. (201) 475-6777 FTS: 8-475-6777

Hardware/Software: ES 9000, IBM PC / FORTRAN
System Level: 2

1) BEN - This is a computer model that evaluates a violator's economic gain from violating the law. It uses 7 to 13 pieces of data and produces a reliable calculation of benefit. It can also be used to determine the net present after tax value of a pollution prevention project.
2) ABEL - This model evaluates a violator's claim that it cannot afford compliance costs, clean up costs and/or a civil penalty. It uses data from IRS tax forms.

System: Consent Decree Tracking System (CDETS)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Swibas, Charlene (303) 236-2378 FTS: 8-776-2378

Hardware/Software: ES 9000 / ADABAS/NATURAL
System Level: 2

CDETS is an NEIC-operated and maintained system consisting of a computerized inventory and abstracts from the text of the EPA's consent decrees. Computer reports containing the following information can be produced: inventory of decress; the abstracts of entire consent milestones/events to be met in specific decrees or for decrees within a specific region; and the contents of all decrees for a specific issue (e.g., groundwater monitoring).

System: Criminal Docket System (CRIMDOCK)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Swibas, Charlene (303) 236-2378 FTS: 8-776-2378

Hardware/Software: ES 9000 / DBMS: ADABAS, Natural, Cobol
System Level: 3

The Criminal Docket System is a comprehensive automated system for tracking criminal enforcement actions. CRIMDOCK handles data for all environmental statutes and tracks enforcement actions from the initial stages of investigation through conclusion.

System: Criminal Investigation Index (CII)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Laidlaw, Rob (303) 236-5122 FTS: 8-776-5122

Hardware/Software: ES 9000 / DBMS: ADABAS, Natural
System Level: 2

The CII contains confidential information, and is not available for use outside the CED.

System: Enforcement Docket System (DOCKET)
Responsible Organization: Asst. Admin. for Enforcement (OE)
Responsible Person: Miller, Merle (202) 382-2614 FTS: 8-382-2614

Hardware/Software: ES 9000 / DBMS: ADABAS, Natural, Cobol
System Level: 2

DOCKET is a comprehensive national, automated system for tracking civil litigation from case development through conclusion. The system is also useful for the issuance of administrative actions (e.g., administrative orders) under all environmental statutes.

System: Enforcement Document Retrieval System (EDRS)
Responsible Organization: Asst. Admin. for Enforcement (OE)
Responsible Person: Miller, Merle J. (202) 382-3125 FTS: 8-382-3125

Hardware/Software: ES 9000 / DBMS: Basis
System Level: 2

EDRS is an automated data base that contains the full text of enforcement documents (e.g., policy, guidance, consent decree). Documents are fully indexed. The user can search the data base for applicable documents and text by specifying words or phrases of interest.

System: Environmental Review Tracking System (ERP)
Responsible Organization: Asst. Admin. for Enforcement (OE) / Dir-National Enforcement Investigations Center - Denver
Responsible Person: Henderson, Marilyn (202) 382-5075 FTS: 8-382-5075

Hardware/Software: ES 9000, IBM PC / DBMS, ADABAS
System Level: 2

The Environmental Review Tracking System is a central data repository for Environmental Impacts Statements (EIS's) prepared pursuant to the National Environmental Policy Act. The Council on Environmental Quality requires the Agency to maintain the system and publish weekly a notice of available EIS's in the Federal Register. Under Section 309 of the CAA, EPA is required to review all EIS's and other designated Federal actions and to publish in the Federal Register any project determined to be environmentally unsatisfactory. The system is a relatively simple data entry and retrieval application. ERTS will consolidate the CEQ Filing and ERP systems.

System: Environmental Review Tracking System (ERTS)
Responsible Organization: Asst. Admin. for Enforcement (OE)
Responsible Person: Henderson, Marilyn (202) 382-5075

Hardware/Software: ES 9000 / NATURAL-ADABAS
System Level: 3

ERTS is a management information system used to track all Environmental Impact Statements (EIS), in addition to other actions for EPA.

System: Hazardous Waste Casefinder (HWC)
Responsible Organization: Asst. Admin. for Enforcement (OE)
Responsible Person: Wheeler, John (202) 382-3056 FTS: 8-382-3056

Hardware/Software: ES 9000 / BASIS
System Level: 2

HWC is an automated, indexed legal research system. It contains Federal RCRA, CERCLA and related bankruptcy decisions since 1978. Opinions are organized through a lexicon that contains a vast listing of hazardous waste topics. This is not a full text retrieval system.

System: Hazardous Waste Export Database (EXPORT)
Responsible Organization: Asst. Admin. for Enforcement (OE) / Dir-National Enforcement Investigations Center - Denver
Responsible Person: Vincent, James (303) 236-5120 FTS: 8-776-5120

Hardware/Software: ES 9000 / Focus
System Level: 3

EXPORT is a database used for tracking compliance with Section 3017 of RCRA regarding Hazardous Waste Exports. Notifications of Intent to Export, EPA Consent Letters, Shipment Manifests and Annual Reports are tracked and compiled by this system.

System: Lab Automation System (LBAU)
Responsible Organization: Asst. Admin. for Enforcement (OE) / Dir-National Enforcement Investigations Center - Denver
Responsible Person: Lee, John (303) 236-5132 FTS: 8-776-5132

Hardware/Software: Other / Fortran
System Level: 2

This system provides control of sample analysis through interaction with laboratory analysis equipment. The system performs an analysis of spectra data for identification and concentration levels of elements. Additionally, LBAU tracks significantly increasing sample thru-put and analysis.

System: NEIC Library System (NCLS)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Biggs, Dorothy (303) 236-5122 FTS: 8-776-5122

Hardware/Software: DEC 11/70 / INFORM
System Level: 2

This system is comprised of (1) a circulation system to track the loan of items by borrower and title and (2) a document control system which is an inventory of non-permanent documents received by the library. NCLS was initially developed by Region 9.

System: NEIC Light Detection and Ranging System (LIDAR)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Dion, Jonathan (303) 236-5124 FTS: 8-776-5124

Hardware/Software: Other / Fortran
System Level: 4

LIDAR provides analysis of data taken from fume emissions to determine opacity. Data is used to determine compliance with NSPS and SIPs and in preparation of enforcement cases. Tests are conducted at the request of regions.

System: Potentially Responsible Parties System (PRP)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Swibas, Charlene (303) 236-2378 FTS: 8-776-2378

Hardware/Software: ES 9000 / Focus
System Level: 3

The PRP system links PRP information from other systems including SETS, SFFAS, and contractor files. The system lists all PRPs that are identified at a site or all sites where a specific PRP has been identified.

System: Superfund Financial Assessment System (SFFAS)
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: Swibas, Charlene (303) 236-2378 FTS: 8-776-2378

Hardware/Software: ES 9000 / Focus, Fortran
System Level: 2

SFFAS is a computer application designed to calculate the remedial costs a responsible party can theoretically afford to pay for the cleanup of a site.

System: Time Accounting System
Responsible Organization: Asst. Admin. for Enforcement (OE) /
Dir-National Enforcement Investigations Center - Denver
Responsible Person: George, Harris (303) 236-5143 FTS: 8-776-5143

Hardware/Software: ES 9000 / FOCUS
System Level: 3

The Time Accounting System is a system for maintaining cost accounting by project. The system is used for cost recovery, budgeting, and resource analysis.

System: Acute Oral Toxicity for Birds, Mice, Rats (ORALTOX)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) /
Dir-Toxic Substances
Responsible Person: Clements, Richard G. (202) 382-4270 FTS: 8-382-4270

Hardware/Software: IBM PC / dBASE III
System Level: 3

This system contains acute oral toxicity data for rats (from RTECS), wild birds (US FWS) and wild mice (US FWS). This information is compiled on dBase III and sorted according to CAS number and chemical name. The system searches from PMN substance chemical structure to ECTOX chemical analogs for EEB ECOTOX hazard assessments. Most system data is from literature. However, literature citations (publications) are very difficult and time consuming to search. DBase III sort routines reduce the time for analog searches. Almost 10,000 records are currently compiled.

System: Asbestos School Hazard Abatement Automated Information System (ASHAAIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) /
Dir-Toxic Substances
Responsible Person: Young, Steven (202) 382-3793 FTS: 8-382-3793

Hardware/Software: PRIME / INFO
System Level: 3

The system contains asbestos abatement applications for assistance from Local Education Agencies. The system supports the grant award decision making process through assessment of financial need and hazard ranking. In addition, the system generates the final assistance agreement documents.

System: CSB Existing Chemical Assessment Tracking System (CECATS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Kover, Frank (202) 382-3441 FTS: 8-382-3441

Hardware/Software: ES 9000 / ADABAS, Natural
System Level: 3

CECATS is a document tracking system that provides CSB with information to manage the screening phase of the Existing Chemicals Program. CECATS is designed to aid the recording, tracking, and managing of activities and documents received and developed by CSB. The system provides storage, retrieval, verification trails, data manipulation, and report generation for information on existing chemicals associated with: TSCA Section 8(e) Notices of Substantial Risks, Voluntary Submissions, Pre-CHIP Screenings, Chemical Hazard Information Profiles (CHIP) and Substitute Hazard Profiles. Identification of chemicals and tracking of status reports, follow-up letters, health effects information, dispositions, and status are also provided.

System: Carcinogen Interaction Hazard Assessment Databases and Softwares (CIHADS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Arcos, Dr. Joseph C. (202) 38203478 FTS: 8-382-3478

Hardware/Software: IBM PC /
System Level: 4

This computerized Search System on combination effects in chemical carcinogenesis contains a Binary Carcinogen Interaction Database (BCIDB), and Inhibitor Carcinogen Interaction Database (ICIDB), and a Promoter Carcinogen Interaction Database (PCIDB). It is designed for managing and retrieving information on interaction effects between and upon carcinogens such as synergism, antagonism, inhibition and promotion. The system contains data only on binary combination effects (what is over 99% of available literature) in experimental animals.

System: Chemical Collection Library System (CCS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Ramponi, Lois (202) 382-2321

Hardware/Software: ES 9000 / Basis, IDI Incorporated
System Level: 2

CCS is a database of journal articles, contractor reports, EPA and NTIS reports, encyclopedia chapters and masters theses on toxic chemicals. These articles were acquired by the OTS Chemical library in response to the requests from EPA researchers. The articles were placed on microfiche and the CCS database was created as an index to the collection. Currently, there are 140,499 records in the database, each with a corresponding microfiche article.

System: Chemical Update System (CUS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Vogel, Nancy (202) 475-7431 FTS: 8-475-7431

Hardware/Software: IBM Logical Mainframe/Other / ADABAS Natural
System Level: 3

The Chemical Update System (CUS) contains confidential data reported by industry as a partial update of the TSCA Inventory. Manufacturers and importers are required to report company information (plant site name, address, DUNS number) and chemical information (CAS registry number, PMN/Bonafide/TMEA or CCID Assession Number, and production volume) for chemicals they manufactured or imported in excess of 10,000 pounds in the immediately preceding fiscal year. Polymers, naturally occurring substances, and UVCB's are exempt from reporting requirements. Reporting takes place every four years, beginning in December 1986. Production volumes on the CUS data base are discrete amounts,rather than ranges found on the Chemicals In Commerce Info Sys.(CICIS).

System: Chemicals In Commerce Information System (CICIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Kinney, Yvonne (202) 475-7431 FTS: 8-475-7431

Hardware/Software: IBM Logical Mainframe/Other, ES 9000 / ADABAS, Natural, COBOL
System Level: 2

CICIS contains information on chemicals subject to TSCA regulation. Data points include company name, address, fact of importation/manufacture/import, production volume range, CAS registry information, CAS prefaced names, and synonyms. The data system encompasses chemical substances identified under the 1977 reporting rule as well as substances commenced following pre-manufacturer's review by EPA.

System: Comprehensive Assessment Information Rule Database (CAIR)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Bryant, Voicetta (202) 475-7098 FTS: 8-475-7098

Hardware/Software: IBM Logical Mainframe/Other, ES 9000 / ADABAS, Natural, SAS
System Level: 1

CAIR is intended to reduce or eliminate duplicative industry reporting to EPA. The CAIR data system contains data from the reporting form in 10 physical data files, one file for each reporting section. CAIR is on-line in the OTS CBI environment with data currently available.

System: Confidential Chemicals Identification System (CCID)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Petty, Eyvone (202) 475-7444 FTS: 8-475-7444

Hardware/Software: IBM Logical Mainframe/Other /
System Level: 3

CCID is the confidential chemical substance inventory of all chemicals under the Toxics Chemical Control Act of 1976 (TSCA, Public Law 94-469). CCID also contains Confidential Business Information (CBI).

System: Data Call In System (DCI)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBASE, Clipper
System Level: 3

The DCI system tracks all submissions made in response to DCI notices issued by the Office of Pesticide Programs. The responses are captured at both product and guideline levels.

System: Dietary Risk Evaluation System (DRES)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Kariya, Jim (703) 557-9028 FTS: 8-557-9028

Hardware/Software: ES 9000, IBM PC / dBase III+ on PC, SAS on IBM 3090
System Level: 3

The system estimates exposure to pesticides in the diet by combining information concerning residues on raw agricultural commodities with information on consumption of those commodities. It then compares the estimated exposure level to a toxicologically relevant dose. It is used in OPP's decision making process for granting or revoking pesticide tolerance.

System: Document and Personnel Security System (DAPSS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Goosby, Evelyn (202) 382-3739 FTS: 8-382-3739

Hardware/Software: IBM Logical Mainframe/Other / ADABAS, Natural
System Level: 3

The Information Management Division oversees the receipt, circulation, and archival of confidential and nonconfidential documents at OTS. Submissions include Premanufacture Notices, Test Market Exemption Applications, Bonafide Intent to Manufacture Notices, Notices to Export (12(b)s), follow-up documents, and other communications related to the Toxic Substances Control Act (TSCA). The system was designed to collect general data on documents and track the circulation of document copies. The system tracks the life cycle of documents, calculates the completion data of certain types of documents, tracks status and location of document copies and maintains index of all support documents associated with original submissions.

System: EPCRA Targeting System (ETS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Compliance Monitoring
Responsible Person: Meredith, David (202) 382-7864 FTS: 8-382-7864

Hardware/Software: ES 9000, IBM PC / ADABAS/NATURAL on Mainframe; dBase IV on PC
System Level: 3

ETS creates a national facility universe that is subject to the EPCRA Section 313 reporting requirements. Regional inspection staff download their portion of the national universe, creating a regional universe, and then manipulate the data to create inspection targeting lists. Lists can be created and prioritized by such data as: Geographic area; type of manufacturing; number of employees; sales volume; and past reporting habits to EPA. Plans are to expand the types of data used in list creation by connecting to additional EPA data bases. Users can also: 1) feed new facility information to ETS; 2) track tips/complaints and contacts with facilities; 3) receive periodic updates from the mainframe universe data; and 4) create reports.

System: FIFRA/TSCA Tracking System/National Compliance Data Base (FTTS/NCDB)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Compliance Monitoring
Responsible Person: Meredith, David (202) 382-7864 FTS: 8-382-7864

Hardware/Software: IBM PC /
System Level: 2

The FTTS/NCDB systems provide OPTS HQ and regional staff with a complete compliance/enforcement tracking capability. The regions input the data and both the regions and headquarters generate canned and ad-hoc reports. The major data sets include: Inspection/Import Inspection; Case Review; Referral; Enforcement Action; and Grants. FTTS is a stand-alone regional PC system. NCDB is the national repository for the regional FTTS data. As part of the OE data integration project, FTTS/NCDB will be linked with the other major program compliance/enforcement systems.

System: Graphical Exposure Modeling Systems/ PC Graphical Exposure Modeling System (GEMS/PCGEM)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Hollister, Sandra (202) 382-3390 FTS: 8-382-3390

Hardware/Software: IBM PC, Other /
System Level: 2

GEMS and PCGEMS are two modeling systems designed to perform general population exposure modeling in any of several environmental media.

System: Interagency Testing Committee Tracking System (ITS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Williams, Norma (202) 382-3825 FTS: 8-382-3825

Hardware/Software: IBM PC / Revelation
System Level: 4

This system summarizes activities on chemicals considered by the Interagency Testing Committee for possible recommendations to EPA for Test Rules development. Additionally, it evaluates availability of data on biological effects and exposure potential and tracks activity through a decision to recommend or not to recommend.

System: Label Use Information System (LUIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBASE, Clipper
System Level: 3

LUIS provides automated access to current and accurate information from labels about the uses of pesticide products and active ingredients contained in those products.

System: Management Information Tracking System (New Chemicals) (MITS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Evan, Delores 202-382-3625 FTS: 8-382-3625

Hardware/Software: ES 9000 / ADABAS, Natural
System Level: 3

MITS is an integrated data base along with a collection of computer programs designed to aid in recording, tracking, and report generating for managing activities concerning the review of new chemicals by the EPA Office of Toxic Substances (OTS). It aids the OTS staff by keeping information necessary to their work readily available to them through interactive computer programs. A two year redesign effort is near completion, which will use the new version of Natural.

System: Microbial Information System
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Segal, Mark (202) 382-3389

Hardware/Software: IBM PC / "C"
System Level: 3

The purpose of this system is to provide specialized data management for microbiological data and global access to data of interest to the biotechnology community. Also, this system will demonstrate the use of software and communications for improving acquisition and analysis of data used for biotechnology risk analysis.

System: Multi-Chamber Consumer Exposure Model Version 2.1 (MCCEM)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Kennedy, Patrick (202) 382-3916 FTS: 8-382-3916

Hardware/Software: IBM PC / Microsoft Quick Basic
System Level: 3

The Multi-Chamber Consumer Exposure Model (MCCEM) is a user friendly computer program that estimates indoor concentrations for, and individual exposures to, chemicals released from products in residences. Concentrations can be modeled in as many as 4 zones in a home. The user can input time-varying emission rates for a contaminant in each zone of the residence, outdoor concentrations, and the zone where an individual is located, in a spreadsheet environment. Time-varying exposure profiles can be developed. Air exchange rates and interzonal airflows are available for different types of residences.

System: OPP Planning Support System (OPPAS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Garvey, Kennan (703) 557-1127 FTS: 8-557-1127

Hardware/Software: ES 9000, DEC 11/70 /
System Level: 4

The purpose of the OPP Planning Support System is to: provide valid unit cost data to support OPP's external budget requests; assist in identifying workloads and impact of special projects; develop an historical data base for monitoring and forecasting long-range plans; and to assign personnel to specific projects and tasks. This system interfaces with the following subsystems: OPP Personnel System, OPP Budget System, Time Accounting Information System (TAIS), Automated Document Control Register, On-Line Tracking System, and Registration Action Tracking Systems (RATS).

System: OTS Chemical Directory (CHEMD)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Pleasants, Edna (202) 475-6111 FTS: 8-475-6111

Hardware/Software: IBM Logical Mainframe/Other / MACCS, DATACCS, CAS3CT/Fortran
System Level: 3

The OTS Chemical Directory (CHEMD) will provide a common storage and retrieval capability for chemical structures and related information for chemicals from all OTS automated systems. The Chemical Directory by Molecular Design Ltd. was acquired by OTS and will be used for the CHEMD Implementation. It provides chemical structure and substructure search features via sophisticated graphics capabilities.

System: OTS Image Processing System (OTSIPS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Martin, Joanne (202) 382-3756 FTS: 8-382-3756

Hardware/Software: / Electronic Filing Cabinet (EFC)
System Level: 3

The OTS IPS will contain images of premanufacturer notice forms, submitted under ISCA Section 5. It will also capture decision documents generated by OTS scientific review staff. The system will be housed on the first and second floors of the East Tower.

System: OTS Table Update (TUPS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Diskin, Jack (202) 382-3613

Hardware/Software: IBM Logical Mainframe/Other, Other /
System Level: 3

TUPS provides on-line update/query capability for the OTS Table File, which is used by most OTS applications.

System: PCB Activity Database System (PADS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Baney, Tony (202) 382-3933

Hardware/Software: IBM PC / dBase III
System Level: 2

PADS is a user friendly database system, installed on personal computers at EPA headquarters and the regions. It allows 10 types of searches (zipcode, facility name, etc.) to quickly access data regarding specific PCB waste handlers. Approximately 4000 facilities have reported their PCB waste handling activity to the Office of Toxic Substances using EPA form 7710-53. The requirements for reporting under this system were promulgated by the PCB Notification and Manifesting for PCB Waste Activities Rule of December 21, 1989, published in the Federal Register (54FR52716).

System: PENTA
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Pleasants, Edna (202) 475-6111 FTS: 8-475-6111

Hardware/Software: IBM Logical Mainframe/Other / ADABAS, Natural
System Level: 3

This system was developed to automate Premanufacture Notice (PMN) and Test Market Exemption Applications (TMEA) case information. This allows cases to be quickly isolated, referenced and analyzed by their pertinent properties. Users of Penta are branches in OTS associated with the New Chemicals (PMN) process who need to know how similar cases were handled in the past. The objective of Penta is to automate selected index and descriptive information for each case and to provide a computer data base of relevant information associated with such cases. This data can be manipulated and retrieved to identify the specific cases which match the desired selection criteria.

System: Pesticide Document Management System (PDMS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Carley, John (703) 557-2613 FTS: 8-557-2613

Hardware/Software: ES 9000 / ADABAS, Natural
System Level: 2

The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires every pesticide manufacturer or producer to submit scientific data to EPA before a pesticide product can be manufactured in the United States. These data are maintained in the Pesticide Document Management System. Related information from the published literature is also included.

System: Pesticide Information Network (PIN)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Hoheisel, Constance A. (703) 557-5455 FTS: 8-557-5455

Hardware/Software: Other / DBMS - REVELATION, BULLETIN BOARD - ASCOM IV
System Level: 2

The Pesticide Information Network (PIN) is a menu-driven, interactive database containing pesticide information. Currently available through the PIN are: The Pesticide Monitoring Inventory (PMI); Restricted Use Products File (RUP) and the Chemical Index. The PIN is available 24 hours a day, 7 days a week. There is no fee system, except for telephone charges incurred by the user. The PIN can be accessed by any personal computer with a modem or modem access. It operates similar to a PC-to-PC bulletin board. Information retrieved from the system may be downloaded to the user's computer. For more information contact PIN User Support at (703) 557-7499.

System: Pesticide Product Information System (PPIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (202) 557-5484 FTS: 8-382-5484

Hardware/Software: ES 9000 / Adabas/Natural
System Level: 2

The Pesticide Product Information System contains information concerning all pesticide products registered in the United States. It includes registrant name and address, chemical ingredients, toxicity category, brand name, etc.

System: Pesticide Registration Document Tracking System (PRDTS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Carley, John (703) 557-2315

Hardware/Software: IBM PC / Clipper
System Level: 4

PRDTS is a tracking system which tracks Pesticide Registration Regulatory Case Documents. Specifically, the physical location of each document is tracked through a centralized file room operation. The hardware and software used for this system is an IBM-PC and "Clipper", respectively.

System: Pesticide Registration Enforcement System (PRES)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBase/Clipper
System Level: 3

This system aids in the collection and management of information related to the pesticide suspension process directed by EPA's Office of Monitoring (OCM). When OPP determines a company is not complying with EPA regulations, data on that company is transmitted to PRES. PRES tracks candidates for suspension through hearing processing and final suspension including lifted suspensions and withdrawn NOITS (Notice of Intent to Suspend).

System: Pesticide Regulatory Activity Tracking (PRAT)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBase/Clipper
System Level: 3

This system supplies tracking and reporting of applications for any pesticide product or chemical registration including data submissions.

System: Probabilistic Dilution Model (PDM3)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Abel, Sid (202) 382-3917 FTS: 8-382-3917

Hardware/Software: IBM PC / Turbo Pascal
System Level: 2

The Probabilistic Dilution Model, originally developed by the Office of Water, estimates how often a given concentration level may be exceeded in receiving streams. These estimates are based on the statistical distribution of daily volume flows, which have been shown to be log normal, and upon a mass balance dilution equation. The Exposure Assessment Branch has put together a program that uses the probabilistic dilution methodology. The program contains averages of mean and low flows of streams in the major river basins of the U.S.

System: Reference File System (REFS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBase/Clipper
System Level: 3

The Reference File System resides on the OPP LAN and includes data references concerning products' companies, chemicals, sites and tests involved in the U.S. Pesticide regulating arena. Most of the data is from mainframe master files (e.g., the Pesticides Product Information System, Company Name and Address System, and the Chemical Vocabulary System). Some data are downloaded from PC systems or created especially for REFS. The data is accessed by a powerful query system that allows users to follow long query paths and move rapidly back and forth between several major types of data. Almost all displays can be printed at a local printer. A common subsystem is also available.

System: Section Seven Tracking (SSTS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) /
Responsible Person: Saunders, Pamela G. (202) 382-3809 FTS: 8-382-3809

Hardware/Software: IBM Logical Mainframe/Other / ADABAS Natural
System Level: 2

This Data base contains registration data for pesticide producing establishments and annual pesticide production reports.

System: Simple Maintenance of ARTS (SMART)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-577-5484

Hardware/Software: IBM PC /
System Level:

The Accelerated Reregistration Tracking System (ARTS) is a system that tracks the relationship between scientific information and scientific guidelines. SMARTS is the maintenance function associated with ARTS. AIC is a module designed to capture responses from registrants that remove the chemical from the list of active chemicals that are undergoing reregistration. ARTS is being used for list B, C, and D chemicals and involves relating scientific study information submitted by the registrant to the relevant registration guideline that the study is designed to support.

System: TSCA 8(a) Level A Information System (LEVEL8(A))
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Petty, Eyvone (202) 475-7444 FTS: 8-475-7444

Hardware/Software: IBM Logical Mainframe/Other / ADABAS, Natural
System Level: 2

This information system consists of a collection of computer programs, standard forms, and manual procedures which validate, store, and selectively report the data collected under the Preliminary Assessment Information Rule (PAIR). The users of this information include OTS organizations such as ECAD (CSB & RDB). PAIR, under section 8(A) of TSCA, requires chemical manufacturers to submit general use and exposure data to EPA on approximately 250 chemicals. The information sought from manufacturers includes data on the quantities of chemicals manufactured, amounts directed to certain classes of use, and potential exposures and environmental releases associated with the manufacturer's own and his customer's processing of the chemicals.

System: Time and Accounting Information System (TAIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: ES 9000 / ADABAS/NATURAL
System Level: 3

The purpose of TAIS is to collect resource usage information pertaining to key planned program accomplishment categories in the Office of Pesticide Programs. TAIS also generates reports which will assist in the management of these resources and enables the extrapolation of integrated work plan unit costs.

System: Tolerance Index System (TIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Pesticide Programs
Responsible Person: Miller, Jerry (703) 557-5484 FTS: 8-557-5484

Hardware/Software: IBM PC / dBase/Clipper
System Level: 2

The Tolerance Index System contains information on tolerance issuances that have been published in the Federal Register. This system was designed to eliminate the need to read the Federal Register Notices on a daily basis. TIS contains the petitioner's assigned number, the chemical involved with each specific crop, animal or feed usage, the allowable tolerance level for residues of the pesticide chemical for each commodity in parts per million, and the CFR code under which the tolerance was issued.

System: Toxic Chemical Release Inventory System (TRIS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Newburg-Rinn, Steven (202) 382-3757 FTS: 8-382-3757

Hardware/Software: ES 9000 / ADABAS/Natural
System Level: 1

TRIS contains all non-Trade Secret data submitted to EPA under the Act for chemicals and chemical categories listed by the Agency. Data include chemical identity, amount of on-site users, releases and off-site transfers (including POTW*), on-site treatment, and minimization/prevention actions.
The EPA internal system (available to authorized users of the ES 9000) is as described above. A public-access system is provided by the National Literary of Medicine through TOXNET.
*Publicly-Owned Treatment Works

System: Toxic Substances Control Act Test Submissions (TSCATS)
Responsible Organization: Asst. Admin. for Pesticides and Toxic Substances (OPTS) / Dir-Toxic Substances
Responsible Person: Bradshaw, Jim (202) 382-3543

Hardware/Software: IBM Logical Mainframe/Other /
System Level: 2

TSCATS is an on-line index of non-confidential unpublished health and safety studies submitted under the TSCA. Text is stored on microfiche. Access is available through Chemical Information Systems (CIS) and the National Library of Medicine Toxline file.

System: Action Tracking System (ATS)
Responsible Organization: Asst. Admin. for Policy, Planning and Evaluation (OPPE) / Dir-Management Systems and Evaluation
Responsible Person: Payne, Sharon (202) 475-8549 FTS: 8-475-8549

Hardware/Software: PRIME / INFO
System Level: 2

ATS enables the Office of the Deputy Administrator to track and report the progress of key management assignments. Specifically, the system tracks the assignments within the program offices regarding the regulation development process. The system provides for interactive status updating, reporting and tracking by specified program office personnel.

System: Paperwork Reduction Act Management System (PRAMS)
Responsible Organization: Asst. Admin. for Policy, Planning and Evaluation (OPPE) / Dir-Standards and Regulations
Responsible Person: Farmer, Sandy (202) 382-2740 FTS: 8-382-2740

Hardware/Software: IBM PC / Dbase III
System Level: 3

PRAMS is a system which tracks EPA information that is collected from the public. This data includes both existing and planned EPA information. The system is used to assist in seeking OMB approval of the collection requests and to develop the agency's annual information collection budget.

System: Register of Lists (ROL)
Responsible Organization: Asst. Admin. for Policy, Planning and Evaluation (OPPE) /
Responsible Person: Schwarz, David (202) 382-2706 FTS: 8-382-2706

Hardware/Software: IBM PC, IBM Logical Mainframe/Other / Clipper/dbase III
System Level: 2

EPA developed the Register of Lists (ROL) to provide registration information on every chemical that the agency regulates. A user can enter the data base using the Chemical Abstract Service (CAS) registration number for a chemical; ROL responds, "yes, the chemical is regulated by EPA", and it gives the user the regulatory cite(s) and the program office(s) responsible. It will also give the user the name and telephone number of the person(s) to contact for additional information. ORME updates the ROL using information extracted from final actions published in the Federal Register. The ROL system is available to any EPA user through ORME; ROL generated information is available to any user outside EPA through the EPA hot-lines and libraries.

System: Strategic Targeted Activities for Results System (STARS)
Responsible Organization: Asst. Admin. for Policy, Planning and Evaluation (OPPE) / Dir-Management Systems and Evaluation
Responsible Person: Sheldon, Jon (202) 382-5443 FTS: 8-382-5443

Hardware/Software: PRIME, IBM PC / INFO
System Level: 2

STARS has been developed to assist the current strategic planning and management process. The system eases the reporting of STARS targets and actual performances against targets. Users may also move data from the main data base to a PC spreadsheet for manipulation and graphics. Headquarters and regional staff using the office computer telecommunications network can access STARS' data either interactively or by using batch mode.

System: (Genetic Activity Profile Data Base) EPA/IARC Computer Program for Display of Short-term Test Activity Profiles (GAP V 3.0)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Waters, Michael D., Ph.D. (919) 541-2537 FTS: 8-629-2537

Hardware/Software: IBM PC, DEC 11/785 / Turbo Pascal
System Level: 2

The EPA/IARC Computer Program for Display of Short-term Test Activity Profiles software and data are available on floppy disks for a PC. The PC needs the following minimum configuration: PC-XT (Intel 8086 chip) running DOS 3.2 with a hard disk and a 5.25 inch floppy disk, and an enhanced graphics card (EGA or VGA) with a graphics-compatible monitor. Data from the GAP data base on genetic and related effects were acquired for approximately 400 chemicals in a joint collaboration with the International Agency for Research on Cancer (IARC), Lyon, France. These programs are for computer-based matching of genetic activity profiles. The application includes hazard identification, genetic and related test battery selection, and structure-activity analysis.

System: 1985 National Acid Precipitation Assessment Program Emission Inventory (NAPAP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Wagner, Janice (919) 541-1818 FTS: 8-629-1818

Hardware/Software: ES 9000 / Fortran, SAS
System Level: 2

Use of NAPAP entails the compilation, quality assurance and dissemination of point and area source emissions data. Included is the generation of special purpose reports and special purpose data sets to support modeling, data comparison, etc. Also included is the compilation of associated data sets to support the above.

System: 1985 National Utility Reference File (NURF)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Wagner, Janice K. (919)-541-1818 FTS: 8-629-1818

Hardware/Software: /
System Level: 2

The National Acid Precipitation Assessment Program's (NAPAP's) emissions inventory activities focus on the estimation of emissions from pollutants, which contribute to acid deposition. Electric utilities, which emit a large share of total acid deposition precursor emissions, are important for modeling analyses. This project was conducted to create a file containing comprehensive data on all electric utilities in the United States. The resulting 1985 National Utility Reference File contains detailed unit level data for nearly 10,000 electricity generating units.

System: A National Compendium of Freshwater Fish and Water Temperature Data (FISHTEMP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Hokenson, Kenneth (218) 720-5757 FTS: 8-780-5757

Hardware/Software: IBM PC / FOXPRO
System Level: 2

FISHTEMP is a computer data base, containing historical fish distribution data with accompanying water temperature data from about 1930-1972 for over 300 species of freshwater fish from 574 locations in the United States. This provides the first nation-wide compendium that describes freshwater fish population habitats in relation to water temperature regimes. The present system was implemented as a data storage and retrieval method. Computer programs were designed to format, sort, store, and recall selected records or groups of data.

System: ADP Capital Equipment Inventory System (ADPCETS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Madsen, Mark (702) 798-2603 FTS: 8-545-2603

Hardware/Software: Other / INFORM
System Level: 4

The ADP-Capital Equipment System (CES) is a data base management system used to provide control of ADP capital equipment at Environmental Monitoring Systems Laboratory-Las Vegas (EMSL-LV). This system also generates reports.

System: AEERL-RTP Management Information System (IMIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Daniel, Martha (919) 541-2922 FTS: 8-629-2922

Hardware/Software: IBM PC / DBMS, dBASE III
System Level: 4

AEERL/RTP MIS supports the management and staff of the Agency with project information. The system consists of the following subsystems: Planning, Project Management Personnel, Publications and Symposia Management. These subsystems satisfy the lab's requirements for: preparing program plans; monitoring funds allocation and commitment; managing contracts, grants and interagency agreements; managing personnel; managing preparation and publication of technical publications; and managing technical symposia and meetings. The systems are used to respond to routine and ad hoc information requests from headquarters and other agencies.

System: AREAL-RTP Acid Rain System (SAD)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Reagan, James (919) 541-4486 FTS: 8-629-4486

Hardware/Software: ES 9000 / COBOL
System Level: 3

The Acid Rain Data Base contains data collected during the course of a study of acid precipitation in the United States, Canada, and other foreign countries.

System: AREAL-RTP Northeast Regional Oxidant Study (NEROS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Novak, Joan (919) 541-4545 FTS: 8-629-4545

Hardware/Software: ES 9000, Other / Commercial software (local developed program)
System Level: 2

This study contains data from August 1979 and mid-July to mid-August 1980 on oxidant and its precursors over the Northeast United States. Modeling of ozone and related pollutants are on scales of 1000 km and several days.

System: AREAL-RTP Regional Air Pollution Study (RAPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Novak, Joan (919) 541-4545 FTS: 8-629-4545

Hardware/Software: Other, ES 9000 / System 2000 orig, now ASCII or binary
System Level: 3

Stored data includes estimated point and area emissions for St. Louis Air Quality Control Region (AQCR) 70 during 1975-1976. These are calculated hourly and annual emissions are available for all periods. Models are used to simulate case studies of atmospheric pollution.

System: Advanced Utility Simulation Model (AUSM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Wagner, Janice (919) 541-1818 FTS: 8-629-1818

Hardware/Software: ES 9000, IBM Logical Mainframe/Other, Other / Fortran, Wylbur
System Level: 2

The Advanced Utility Simulation Model (AUSM) is designed to evaluate acid deposition control strategies for the largest stationary source category (electric utility boilers) of sulfur dioxide, nitrogen oxides, and sulfate emissions. The model forecasts the growth in emissions from electric utilities to the year 2030, and evaluates emission control costs, emission reduction potential, and other financial impacts of alternative emission control strategies for reduction of these acid deposition precursors.

System: Alternative Treatment Technology Information Center (ATTIC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Morse, Myles (202) 475-7161 FTS: 8-475-7161

Hardware/Software: IBM PC / dBase III+, Clipper
System Level: 2

The Alternative Treatment Technology Information Center (ATTIC) is an information retrieval network that provides up-to-date technical information on innovative treatment methods for hazardous wastes.

System: Applicable Relevant and Appropriate Assistant (ARARS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / KAPPA
System Level: 2

This system will aid those responsible for cleaning up Superfund sites and determine clean-up requirements for the sites.

System: Aquatic Toxicity Information Retrieval (AQUIRE)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Spehar, Robert (218) 720-5564 FTS: 8-780-5564

Hardware/Software: DEC 11/785 / Fortran
System Level: 2

AQUIRE contains information on the toxicity of any chemical (except oils) to fresh and saltwater organisms (not including bacteria and amphibians). Acute, chronic, and bio accumulation effects are included. Published papers and final reports are reviewed and information on test conditions and results are entered into the system's data base.

System: Artificial Intelligence Special Interest Group Bulletin (AISIG)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other /
System Level: 2

This system is used to promote the transfer of technology among the various EPA units which are involved in artificial intelligence research.

System: Athens Financial Management System (AFMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase III +
System Level: 4

The AFMS is an internal accounting system, used by the financial officer for reporting expenditures/dollars to the Laboratory director, Director of Operations, and Branch Chief.

System: Athens Inhouse Property System (AIPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase IV
System Level: 4

This internal system is written to allow the user to maintain a database of all types of property, including a historical database of property. It allows for several different reporting methods.

System: Athens Personnel Systems (APS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase III +, FORTRAN
System Level: 4

The Internal Personnel system generates Federal and non-Federal rosters and other related FTE reporting to the laboratory director, and the Director of Program Operations.

System: Athens Telephone Inventory System (ATIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase IV
System Level: 4

This internal system provides an inventory of the types of telephones, numbers and kinds of telephone lines, and other related information.

System: Boilers and Chillers System (B&CS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other / FOCUS
System Level: 4

This system is used to analyze the needs for equipment under 25k. It is used by five other labs including Athens. Reports are generated by the OEPER staff in several different formats.

System: CP-1 Graphical Display System for the Nevada Test Site (CP-1)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Sunderland, Norm (702) 798-2538 FTS: 8-545-2538

Hardware/Software: IBM PC /
System Level: 3

The CP-1 graphics system is used during events at the Nevada Test Site to display monitoring information.

System: Center for Exposure Assessment Modeling Electronic Bulletin Board System (CEAM BBS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / Wildcat (BBS software)
System Level:

The CEAM uses an electronic bulletin board system in the distribution and support of computer models.

System: Changes Clause Advisory System (CHANGESC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / Knowledge Pro
System Level: 2

This system will aid EPA Regional Project Managers in the review of the implications of exercising the change clause of a site remediation contract.

System: Chemical Unit Record Estimates Database (CURE)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Reisman, David J. (513) 569-7588 FTS: 8-684-7588

Hardware/Software: ES 9000, IBM PC, Other / INFODATA INQUIRE (Main) FOXBASE PLUS (PC)
System Level: 1

The development of the CURE database began in 1988. All other risk assessment documentation that contain numeric health risk estimates are abstracted and indexed according to over 300 separate data fields ranging from Dose to Target Organ and Critical Effects. Over 1650 chemicals have been added to CURE and are searchable by chemical name, CAS NO., Genetox Class or several under classification systems. Users will also see the documents for each media that OHEA has developed on a chemical. Downloading of specific numeric datasets is possible for risk assessment model developing and testing. EPA users should contact the project manager for access.

System: Complex Terrain Data Base (CTM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Perry, Steve (919) 541-1341 FTS: 8-629-1341

Hardware/Software: ES 9000, SPERRY 1100/82 / Fortran, SAS, Wylbur
System Level: 3

CTM tracks several types of data. Stable plume impingement in complex terrain is being studied by means of tracers (SF6 Freon), and oil fog plumes emitted from artificial sources. Mephelometer and tracer measurements are being made in plume and at 100 locations on the surface of 1.00 km wide Cinder Cone Butte, Idaho and on the surface of 1.5 km section of Hogback Ridge, New Mexico. These data are used for model development and stored in the CTM system.

System: Contract Laboratory Program Quality Assurance (CLPQA)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Madsen, Mark (702) 798-2603 FTS: 8-545-2603

Hardware/Software: ES 9000 / USAM/NATURAL, SAS
System Level: 2

CLPQA is a Quality Assurance data base for the Superfund Contract Laboratory Program. QA/QC parameters for both organic and inorganic and dioxin samples are collected at hazardous waste sites and analyzed under the Contract Laboratory Program. Current information includes surrogate and matrix spike data as a function of contract, media, concentration, and laboratory.

System: Criteria Reference Information Bank (CRIB)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Fennell, Doug (919) 541-3789 FTS: 8-629-3789

Hardware/Software: IBM PC / Clipper and "C"
System Level: 3

This data base contains bibliographic information identifying sources cited in air quality criteria and health assessment documents. This information is retrievable by author, title, and character string within the record. Most records are backed up by hardcopy; but no abstracts are provided within the record.

System: Design Conditions Program (DESCON)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Rossman, Lewis (513) 569-7603 FTS: 8-684-7603

Hardware/Software: ES 9000, IBM PC / TSO CLIST & FORTRAN
System Level: 2

DESCON estimates design conditions and maximum daily pollutant loadings for use in water quality-based waste load allocations. These load allocations are designed to meet an allowable frequency of water quality criterion excursions. DESCON pays particular attention to the effect that daily variations in stream flow, temperature, pH, and hardness, as well as treatment plant performance, have on the excursion frequencies of such pollutants as ammonia, heavy metals, pentachlorophenol, and BOD. The program provides automatic linkages with EPA's STORET data base for retrieval of stream flow and water quality data. These data are used as inputs to a long-term simulation of water quality from which design conditions and allowable pollutant loadings are derived.

System: Design Flow Program (DFLOW)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Rossman, Lewis (513) 569-7603 FTS: 8-684-7603

Hardware/Software: ES 9000, IBM PC / FORTRAN
System Level: 2

DFLOW estimates design stream flows for use in water quality studies and waste load allocations. The mainframe version of DFLOW automatically extracts daily flow records from EPA's STORET data base. The program computes three different types of design flows from these records in accordance with current Agency guidance: (1) a biologically-based design flow for aquatic life protection, (2) an extreme-value-based design flow for aquatic life protection, and (3) a human health (harmonic mean) design flow for human health protection against life-time exposures.

System: Discharge Monitoring Report-Quality Assurance Studies (DMR-QA)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Britton, Paul (513) 569-7325 FTS: 8-684-7325

Hardware/Software: ES 9000 / VS Fortran
System Level: 4

This system contains data from Discharge Monitoring Report-Quality Assurance (DMR-QA) studies. Labs which serve participating major NPDES discharge permittees analyze a series of synthetic water samples that are unknown to them. The objective is to identify labs with analytical problems so these problems can be resolved and NPDES self-monitoring data can be improved.

System: Dose/Duration Toxicology Data Plotting System (D2PLOT)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Cubbison, Chris (513) 569-7599 FTS: 8-684-7599

Hardware/Software: IBM PC / dBase; "C"
System Level: 3

D2PLOT is designed to plot the results of dissimilar experiments in a common format of dose and exposure duration. This permits comparison of studies using a variety of species, exposure durations, dosing scenarios, and other variables. Details of dose and duration are entered on the database along with extensive data on the toxicological end points, target organs, number of animals tested, number of animals responding, quality of data, bibliographic information, and comments. Data are searchable on all fields except comments.

System: Dynamic Hydrolic Model (DYNHYD4)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

This is a simple link-node hydrodynamic model that simulates variable tidal cycles, wind, and unsteady inflows. It produces an output file that can be linked to the Water Quality Analysis Simulation Program (WASP4).

System: Dynamic Toxics Wasteload Allocation Model (DYNTOX)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert B. (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

This system employs a probabilistic dilution technique to estimate concentrations of toxic substances or fractions of whole effluent toxicity in surface waters. Based on probabilities, three types of simulations (continuous, monte carlo, and log normal) can aid in analyzing the frequency and duration of toxic concentrations from a waste discharge.

System: EMSL-Cinci Performance Evaluation System (PESC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Britton, Paul (513) 569-7325 FTS: 8-684-7325

Hardware/Software: ES 9000 / VS Fortran
System Level: 4

The purpose of PESC is to evaluate the performance of environmental water labs. This is done through a comparison of lab results to analytical results for known samples within acceptance limits.

System: EMSL-Vegas Library Book System (VBOK)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Madsen, Mark (702) 798-2603 FTS: 8-798-2603

Hardware/Software: Other / INFORM
System Level: 4

VBOK is a local INFORM base inventory system for books purchased by Environmental Monitoring Systems Laboratory-Las Vegas (EMSL-LV).

System: EMSL-Vegas Library Inventory (VLIB)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Madsen, Mark (702) 798-2603 FTS: 8-545-2603

Hardware/Software: Other / INFORM
System Level: 3

The VLIB data base contains all journals, periodicals, etc..., written by Environmental Monitoring Systems Laboratory-Las Vegas (EMSL-LV) personnel.

System: ERL-Athens Lab Planning System (ALPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other / Fortran, Builder
System Level: 3

The Athens Laboratory Planning System (ALPS) is a set of procedures to enable a non-computer user to build and edit the laboratory work plan data bases. From these data bases task sheets and financial summary reports can be generated.

System: ERL-CORV Financial Management (CVFM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Kreitzer, Fran (503) 757-4653 FTS: 8-420-4653

Hardware/Software: Other, IBM PC / dBase III, Fortran
System Level: 4

This system provides Corvallis Environmental Research Laboratory (CERL) Management with management information such as current budget data, projections, expenditures, and salary information.

System: ERL-CORV Library Circulation System (CVLB)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: McVeety, Renie (503) 757-4731 FTS: 8-420-4731

Hardware/Software: DEC 11/785 / Fortran
System Level: 4

The CVLB system provides the Corvallis Environmental Research Laboratory Librarian with circulation information.

System: ERL-CORV Personnel Management (CVPM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Taylor, Pam (503) 757-4582 FTS: 8-420-4582

Hardware/Software: Other / Fortran
System Level: 4

The Personnel Management System for Corvallis Environmental Research Laboratory (CERL) provides the personnel officer with an easy-to-use system to update and to report personnel status.

System: ERL-Duluth Financial Management and Reporting System (FMRS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Stagner, Judy L. (218) 720-5549 FTS: 8-780-5549

Hardware/Software: DEC 11/785 / Fortran, Builder
System Level: 3

FMRS maintains the daily status of laboratory budgets and detailed historical audit trail of each financial transaction. The system identifies discrepancies in financial information maintained in Agency Systems. It provides on-line inquiry capabilities. Reports are generated for laboratory management reflecting budgeted amounts, amounts obligated and committed and balances by account, object class, research project and internal laboratory budget holder. The system facilitates status tracking and reporting by originator, projected date of service delivery and line item description for use in reporting past trends and in projecting future budget needs.

System: ERL-Duluth Personnel Information Projection System (PIPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Stagner, Judy L. (218) 720-5549 FTS: 8-780-5549

Hardware/Software: DEC 11/785 / Builder, FORTRAN
System Level: 3

The system electronically reads Agency payroll data and merges with planned and projected data maintained in local laboratory database. It projects PC&B and FTE usage by program element and internal laboratory budget holder. It identifies discrepancies in payroll and personnel information maintained in Agency systems. PIPS provides on-line inquiry and projection capabilities for within-grade increases comparability raises, performance awards and promotions. Additionally, current and historical reports are generated for laboratory management reflecting actual and projected data by pay period, quarter, fiscal and calendar year.

System: ERL-Gulf Breeze Financial Data Management (FMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H. (904) 934-9257 FTS: 8-228-9257

Hardware/Software: IBM PC, ES 9000, DEC 11/785 / Focus
System Level: 3

This financial data management system tracks budgets, commitments, and obligations in a timely manner through management information reports. Summary level reporting is designed specifically as a tool for laboratory fiscal activity.

System: ERL-Gulf Breeze Laboratory Contributions Data Management System (CONTRIBS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H. (904) 934-9257 FTS: 8-228-9257

Hardware/Software: DEC 11/785 / Fortran IV+, DBMS - EPALIT
System Level: 3

This Data Management System maintains comprehensive detail regarding the managed products of the Gulf Breeze Environmental Laboratory. All deliverables and outputs are classified and entered. The data is used to produce a series of reports which characterize the Laboratories contribution as needed or requested. Automatic reporting features include a Quarterly report to OEPER. A regularly produced report from this system shares the citations and abstracts of the laboratory's products fully indexed by primary and contributing authors and keyterms found in the abstract text.

System: ERL-Gulf Breeze Text Data Management (EPALIT)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H. (904) 934-9257 FTS: 8-228-9257

Hardware/Software: DEC 11/785 / Fortran IV+
System Level: 3

EPALIT is a flexible data management system which treats text as an information resource. The user has the ability to enter text on-line, view text, and maintain entered data. Support software for this system includes a subroutine library of Fortran text management modules, indexing programs, and keyterm analysis software.

System: EXEC/OP Program for Computer Aided Synthesis of Wastewater Treatment Systems (EXEC/OP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Rossman, Lewis (513) 569-7603 FTS: 8-684-7603

Hardware/Software: IBM PC / FORTRAN
System Level: 3

EXEC/OP synthesizes municipal wastewater treatment system designs from a specified list of unit treatment processes. It selects the combination of wastewater and sludge treatment processes that best meets a stipulated set of design criteria. These criteria may refer to system costs, energy consumption, land utilization, a subjective undesirability rating, and effluent quality. The program can also identify up to the next 40 best designs relative to those criteria. EXEC/OP contains cost, energy, and treatability models for 21 different unit processes.

System: Environmental Fate Constants Information System (EFCIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3530 FTS: 8-250-3430

Hardware/Software: IBM PC / FOCUS, FORTRAN
System Level: 2

The Environmental Fate Constant Information System contains chemical transformation and equilibrium constants and microbial transport of organic chemicals in ambient environments. Data are either measured at the Athens environmental Research Laboratory, computed at the Athens Laboratory, or extracted from the literature. Literature data are extracted only from primary references. Data are computed using SPARC, a broadly applicable and highly reliable computation method developed at the Athens Laboratory.

System: Environmental Sampling Expert System - Soil Metals (ESES-SM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Van Ee, Jeff (708) 798-2367 FTS: 8-545-2367

Hardware/Software: IBM PC / Knowledge Pro, "C", Windows 3.0
System Level: 4

This system is a prototype expert system for evaluating the sample collection methods for metals and soils. The system has several different modules. Emphasis is currently given to developing the knowledge base for those modules.

System: Equilibrium Metal Speciation Model (MINTEQA2)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

The geochemical model calculates equilibrium aqueous speciation, absorption, gas phase partitioning, and solid phase saturation states. Additionally, this model calculates precipitation dissolution of common major elements in surface water and ground water as well as for 13 metals (antimony, arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium and zinc). MINTEQA2 contains an extensive thermodynamic data base and six different algorithms for calculating absorption.

System: Expert Maintenance Management System (EMM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / Prepackaged Software
System Level: 4

This off-the-shelf software is used for scheduling maintenance of installed property and other equipment.

System: Expert System for Location of Facilities in Wetlands (WET ENVIRO)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Lambou, Vic 904-644-5516

Hardware/Software: IBM PC / PROLOG
System Level: 3

This system is being developed to identify and evaluate sites for possible location of municipal waste landfills. This expert system is primarily concerned with "wet environments."

System: Exposure Analysis Modeling System (EXAMS-II)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Burns, Lawrence (404) 546-3511 FTS: 8-250-3511

Hardware/Software: Other, DEC 11/785, IBM PC / Fortran
System Level: 2

The EXAMS-II program is an interactive modeling system that allows users to specify and store the properties of chemicals and ecosystems, to modify the characteristics of them via simple English-like commands, and to conduct efficient, rapid evaluations and error analyses of the probable aquatic fate of synthetic organic chemicals. It is used for ecological risk assessment, and provides reliable analyses of the mobility and persistence of pesticides and industrial chemicals.

System: Facilities Management Program (FMP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other / FOCUS
System Level: 2

This system was developed and used by ORD, Laboratory, and ORPM. FMP is a systematic tool for identifying, prioritizing and requesting buildings and facilities project proposals over $25k.

System: Facility Management System (FMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) /
Responsible Person: Coulter, Robert W. (702) 798-2621 FTS: 8-545-2621

Hardware/Software: Other /
System Level: 4

The FMS is a dBase program used through a VAX terminal with data storage on the DEC 6410. The system is used to manage laboratory space and evaluate facility systems. The database covers all facilities used by EMSL-LV. Data includes personnel and organization information (i.e., number of employees or contractors located in specific rooms), name of organization or contractor assigned to spaces, and a copy of FPMR regulation relating to space management. Other data includes space definitions in accordance with FPMR Temp Reg D-73 Building Use Survey, which lists space by building code, room number, organization assigned, square footage size, space type by definition, number of work stations in the room, number of people currently in room, and summation of space type.

System: Final Cover Advisory Expert System (F-COVER)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / Knowledge Pro
System Level: 2

This system aids in the review of final cover designs proposed in a permit application for closure of a hazardous waste land disposal site.

System: Flexible Membrane Liner Advisory Expert System (FLEX)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / "C"
System Level: 2

This expert system includes rules to assist in the interpretation & evaluation of chemical immersion data for PVC, HDPE and CSPE Linear materials. Based on input, the system determines if there is evidence that the proposed liner material may not be resistant to the waste that will be deposited at the site. This expert system is PC-based and written in Arity Prolog with subroutines written in Inc.

System: Food and Gill Exchange of Toxic Substances (FGETS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

This toxicokinetic model simulates the bioaccumulation of nonpolar organic chemicals by fish from both water and tainted food. Both of these routes of exchange are modeled as diffusion processes that depend on physico-chemical properties of the pollutant and morphological/physiological characteristics of the fish. In addition to simulating bioaccumulation of organic toxicants, FGETS also can calculate time to death from chemicals whose mode of action is narcosis.

System: Full Time Equivalence (FTE)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Queen, Barbara (702) 798-2561 FTS: 8-545-2561

Hardware/Software: Other / dBase III, DCL, Bridge V86
System Level: 4

This system tracks FTEs for all EPA personnel at EMSL-LV.

System: GENE-TOX Carcinogen Data Base (GENETOXCAN)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Nesnow, Stephen (919) 541-3847 FTS: 8-629-3847

Hardware/Software: IBM PC / dBASE III
System Level: 4

This database was developed from the literature on 506 selected chemicals, evaluated for evidence that these chemicals induce tumors in experimental animals and this assessment comprises the Gene-Tox Carcinogen Data Base. Three major sources of information were used to create this evaluated data base: all 185 chemicals determined by the International Agency for Research on Cancer to have sufficient evidence of carcinogenic activity in experimental animals; 28 selected chemicals bioassayed for carcinogenic activity by the National Toxicology Program/National Cancer Institute and found to induce tumors in mice and rats; and 293 selected chemicals which had been evaluated in genetic toxicology and related bioassays as determined from previous Gene-Tox reports.

System: GTD Bioassay System and Database (GTDMIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Waters, Michael D., Ph.D. (919) 541-2537 FTS: 8-629-2537

Hardware/Software: IBM PC, Other / FORTRAN 77
System Level: 3

The Genetic Toxicology Division Bioassay System and Data Base is maintained by HERL-GTD personnel and is a collection of test data from bioassays of genetic and related effects. More than 350 chemicals, evaluated by the International Agency for Research on Cancer, in Lyon, and France, are included in this database. Bar graphs and tabular data are produced for the collection of chemicals across an array of approximately 200 genetic bioassay systems. Statistical software includes a group of programs used for pair-wise matching of chemicals or test systems.

System: Geosynthetic Modeling System (GM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / Basic
System Level: 2

This is a menu driven modelling system to aid in the design of geosynthetic components of a hazardous waste land disposal site.

System: Gulf Breeze Task Sheet Information Management System (TASKSHEET)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H. (904) 934-9257 FTS: 8-228-9257

Hardware/Software: DEC 11/785 /
System Level: 3

The TASKSHEET Data Management System automates previously manual procedures. The Task Sheets developed as part of the ERLGB's management planning may be used to produce management planning and tracking reports using this system. A data base of these Task Sheets uses WordPerfect for entry and maintenance. A Fortran program produces Focus data bases of data fields and Task Sheet text information. Reports characterizing all levels of information are produced for the Lab, each branch, and the extramural program.

System: HERL-RTP Mortality Data Base (MORT)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Riggan, Wilson (919) 541-7540 FTS: 8-629-7540

Hardware/Software: DEC 11/785, ES 9000 / Fortran, SAS
System Level: 3

The system consists of a set of data including all U.S. cancer deaths for the years 1950-1987, all deaths for the years 1962-1981, and population estimates for the years 1950-1987.

System: Hazardous Waste Site Data Base (Indicator Parameters) (HWSD)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Engelmann, William (702) 798-2664 FTS: 8-545-2664

Hardware/Software: DEC 11/70 / INFORM
System Level: 3

The Hazardous Waste Site Database consists of consert decree Superfund and RCRA Site monitoring groundwater data collected around 1986. It contains data for more than 5000 wells at over 350 Hazardous Waste Sites nation-wide. A total of 944 chemical constituents have been identified and recorded in the data base.

System: Health Effects Research Laboratory Management Information System (HERL MIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Laws, Kenneth P. (919) 541-5744 FTS: 8-629-5744

Hardware/Software: Other / FOCUS
System Level: 3

The Office of Health Research (OHR) Management Information System (MIS) is a computerized data base management system which is used to assist OHR personnel in several administrative areas of financial management and project tracking. The MIS was initially developed in 1977, and has been continually modified over the years to meet the changing information needs of OHR. The specific functions addressed by the MIS include funds control of inhouse and R&D appropriations, personnel accounting/tracking, onsite contractor accounting and reimbursable agreements. In addition, the system maintains information on technical publications and ERC space management.

System: Hydrologic Evaluation of Landfill Performance Model (HELP MODEL)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert (513) 569-7871 FTS: 8-684-7871

Hardware/Software: ES 9000 / Fortran IV, TSO
System Level: 2

The Hydrologic Evaluation of Landfill Performance (HELP) Model was developed to help landfill designers and evaluators estimate the amount of moisture percolation through different types of landfill covers and liners. This quasi-two-dimensional, deterministic, computer-based water budget model was developed and adapted from the U.S. Department of Agriculture CREAMS Hydrologic model and an an earlier model (called HSSWDS). The Soil Conservation Service's curve number method is used for calculating runoff. The model uses engineering, hydrologic, and climatologic data as input and performs a sequential analysis. Input data is in the form of rainfall, average temperatures, average solar radiation, leaf area indices and characteristics of cover materials and subsurface layers.

System: Hydrologic Simulation Program-Fortran (HSPF9)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Barnwell, Tom (404) 546-3210 FTS: 8-250-3175

Hardware/Software: IBM Logical Mainframe/Other, IBM PC / Fortran
System Level: 4

The Hydrologic Program, written in Fortran is a comprehensive simulation program for watershed hydrology and water quality. It includes algorithms for simulation of the water balance and pollutant runoff from agricultural and urban watersheds. It also simulates water quality in streams and well-mixed reservoirs.

System: Indoor Air Reference Bibliography (IARB)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Comfort, Beverly (919) 541-4165 FTS: 8-629-4165

Hardware/Software: IBM PC / Clipper and "C"
System Level: 3

This database contains bibliographic information identifying scientific publications with focus on indoor air quality and its potential for affecting human health. These publications are retrievable by author, title, and character string within the record. Most records are backed up by hardcopy; but no abstracts are provided within the record.

System: Industrial Combustion Emissions Model (ICE MODEL)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Wagner, Janice (919) 541-1818 FTS: 8-629-1818

Hardware/Software: ES 9000, Other / Fortran, Wylbur
System Level: 3

The Industrial Combustion Emissions (ICE) Model is designed to evaluate acid deposition control strategies for the second largest stationary source category (industrial boilers) of sulfur dioxide, nitrogen oxides and sulfate emission. The model forecasts the growth in emissions from industrial boilers to the year 2030. It also evaluates emission control costs, emission reduction potential, and other impacts of alternative emission control strategies for the reduction of these acid deposition precursors.

System: Inhalable Particulate Network (IPMN)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Hinton, David (919) 541-3075 FTS: 8-629-3075

Hardware/Software: SPERRY 1100/82 / System 2000
System Level: 3

The Inhalable Particulate Network contains a breakdown of particulate data by size. The data base is used to determine the need for a new standard and the fate of the Total Suspended Particulate standard.

System: Integrated Risk Information System (IRIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Tuxen, Linda (202) 382-5949 FTS: 8-382-5949

Hardware/Software: PRIME / DIALCOM ELECTRONIC PUBLICATIONS (EPUB)
System Level: 2

The IRIS database contains summary information related to human health risk assessment. IRIS, which is updated monthly, is the Agency's primary vehicle for communication of chronic health hazard information representing EPA consensus positions following comprehensive review by intra-Agency work groups. It is a useful information resource tool that points the user to the underlying human and\or animal data used to support the Agency's opinion. The core of the system is a collection of files that contain hazard identification and dose-response risk information for approximately 500 chemicals. Other information such as summaries of Drinking Water Health Advisories and EPA regulatory actions, is included in IRIS. IRIS is accessible to the public as well as EPA staff.

System: International Air Data Base (WHO-WMO)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Evans, Gardner (919) 541-3887 FTS: 8-629-3887

Hardware/Software: ES 9000, IBM PC / COBOL, SAS, dBASE, CLIPPER
System Level: 2

This system is an International data base containing ambient data from the World Health Organization (WHO) and precipitation data from the World Meteorological Organization (WMO).

System: LAN Special Interest Group Bulletin Board (LANSIG)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other /
System Level: 2

This system is used to promote the transfer of technology among the various EPA sites which are involved in DEC local area networking.

System: Laboratory Management Information System (LMIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Brookhart, Gail 513-569-7954 FTS: 8-684-7954

Hardware/Software: IBM PC / dBASE III+
System Level: 3

The Laboratory Management Information System provides programmatic and financial data for extramural projects during inception and/or funding. LMIS data permits the tracking of project milestones, outputs and funds, and brief progress/status reports.

System: Lake Analysis Management System (LAMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Richardson, William L. (313) 692-7611 FTS: 8-378-7611

Hardware/Software: ES 9000, IBM PC, Other / FORTRAN
System Level: 3

This set of data bases includes water quality data collected by the EPA Office of Research and Development research program as administered by the Large Lakes Research Station, Gross Ile, MI since 1971. The data base also includes Canadian Great Lakes data since 1968. It consists of Mathematical Models and a GIS as well. The data base assists in environmental decision making for the Great Lakes.

System: Leachate Collection Advisory Expert System (L-COLLECT)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / Knowledge Pro
System Level: 2

This system aids in the evaluation of proposed leachate collection design(s) for hazardous waste land disposal sites.

System: Multimedia Exposure Assessment Model for Evaluating the Land Disposal of Hazardous Wastes (MULTIMED)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Laniak, Gerry (404) 546-3276 FTS: 8-250-3276

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

MULTIMED simulates the transport and transformation of contaminants released to the multimedia environment from a hazardous waste disposal facility. The simulation includes release to air and soil, including the unsaturated and saturated zones, and possible interception of the subsurface contaminant plume by a surface stream. The model further simulates the movement of a contaminant from the environmental medium to humans and other potentially affected species.

System: Municipal Waste Combustion - Ash Disposal Facilities Data Base (ASH DISPOS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Lambou, Vic 904-644-5516

Hardware/Software: IBM PC / DBASE
System Level: 3

This is an inventory of approximately 150 sites. The system exists in dBASE format.

System: National Performance Audit Program (NPAP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Risher, Terry (919) 541-2292 FTS: 8-629-2292

Hardware/Software: ES 9000 / Focus
System Level: 3

The Ambient and Source Quality Assurance Data Base consists of known, blank, and spiked samples sent to participating laboratories. The results from the laboratories' analyses are returned and analyzed to determine how well the laboratories performed analyses of different air pollutants.

System: National Phytoplankton Data Base (in Lakes) (NES PHYTO)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Lambou, Victor (702) 798-2259 FTS: 8-545-2259

Hardware/Software: ES 9000 / Fortran IV
System Level: 2

Classification and enumeration of phytoplankton algae for the National Eutrophication Survey was initiated in 1972 and has been carried out at the Environmental Monitoring Systems Laboratory (EMSL) since 1973. During this period a phytoplankton data base of approximately 65,000 entries and counts was developed, representing information from nearly 600 lakes in 38 states. This extensive data base includes over 1,200 identified species, varieties, and forms and is the most comprehensive of its type in the United States.

System: ORD Equipment Justification System (OEJS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase III +
System Level: 3

This system is used to support uniform documentation and decision making for equipment purchases over $50k.

System: Office of Research and Development Information Systems (ORDIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD)
Responsible Person: Kahn, Virginia (202) 382-7462 FTS: 8-382-7462

Hardware/Software: PRIME / Cobol, dBASE III, INFO
System Level: 2

ORDIS provides critical management information on budget and programmatic activities, and serves as an information base for anyone requiring information on Office of Research and Development activities.

System: Personal Property Accountability System (PPAS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: ES 9000, IBM PC / FOCUS, CROSSTALK
System Level: 2

The PPAS maintains essential information for accountable personal property and provides the mechanism to transfer equipment within the Agency.

System: Personnel Computer Inventory System (PCIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / Clipper
System Level: 4

This internal system is used to maintain inventory of Personal Computers and software.

System: Pesticide Root Zone Model (PRZM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

This system simulates the vertical movement of pesticides in unsaturated soil, both within and below the plant root zone, and extending to the water table. Generally available data are required that are reasonable in spatial and temporal requirements. The model consists of hydrology and chemical transport components that simulate runoff, erosion, plant uptake, leaching, decay, foliar washoff, and volatilization of a pesticide.

System: Pesticide and Industrial Chemical Risk Analysis and Hazard Assessment (PIRANHA)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Burns, Lawrence (404) 546-3511 FTS: 8-250-3511

Hardware/Software: IBM PC, IBM Logical Mainframe/Other, Other / FORTRAN, ARC/INFO
System Level: 2

PIRANHA is a tool kit for conducting ecological risk assessments of synthetic organic chemicals. It includes databases of agricultural practices, biographical distribution of species at risk, meteorology and soils, and ecosystem factors controlling mobility and persistence of pesticides and industrial chemicals in the natural environment. The system incorporates a Geographic Information System (GIS-ARC/INFO) database for regional site properties, and linked simulation models for projective chemical data onto biological and ecological risk assessments.

System: Pesticides Analytical Transport Solution (PESTAN)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Walters, David M. (405) 332-8800 FTS: 8-743-2261

Hardware/Software: DEC 11/70, DEC 11/785, IBM PC / Fortran IV ('77)
System Level: 4

This analytical computer model is used to predict pesticide and organic movement of pollutants to ground water. Environmental and chemical data is interactively input.

System: Pesticides Research (HEPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: Payne, Robert R. (919) 541-2330 FTS: 8-629-2330

Hardware/Software: ES 9000, DEC 11/785 / SAS, Fortran
System Level: 3

The Pesticides Research Program focuses on increasing our understanding of how pesticides interact with man and the environment, to assure that their use can minimize losses from pests, while maximizing the protection of man and the environment from any reasonable adverse effects from their usage. An increased understanding of pesticides in the environment will lead to less burdensome and cost-effective regulations. By working closely with the pesticides users and the pesticide manufacturers, uniform and credible data can be developed and evaluated in a timely fashion to assure that the American people have safe and effective pesticides to manage pest populations at levels which do not result in health, economic, or aesthetic damage.

System: Physiological Data Acquisition & Storage System (PDAS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health Research
Responsible Person: O'Neil, John (919) 966-6200

Hardware/Software: Other, DEC 11/785 / Fortran, Assembler
System Level: 4

The PDAS System is used to assess the effects of human exposure to air pollution. It provides precise measurements of health indicators that are affected when humans are exposed to specific levels of air pollutants. Monitoring instruments include spirometers, blood pressure monitors, airflow transducers, pressure transducers, gas analyzers, ECG, plethysmographs, treadmills, and apparatus for bronchial challenge, respiratory metabolism, minute ventilation, single breath and steady-state diffusion, static and dynamic compliance, and multi-gas rebreathing. Post-study data analysis is performed through an automated and manual process of extracting information from its native format and reformatting it for analysis using SAS or a study-specific analysis program.

System: Precision and Accuracy Reporting System (PARS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Risher, Terry (919) 541-2292 FTS: 8-629-2292

Hardware/Software: ES 9000 / VSAM, COBOL
System Level: 2

The Precision and Accuracy Reporting System provides data management analysis and reporting capabilities for precision and accuracy of aerometric data collected by local, state, and regional offices.

System: Premixed One-demensional Flame Code (PROF)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Hall, Robert E. (919) 541-2477 FTS: 8-629-2477

Hardware/Software: ES 9000, SPERRY 1100/82, Other / Fortran
System Level: 4

The PROF system can be used to predict the detailed chemical kinetic combustion and/or pollutant formation events which occur in a wide variety of experimental and practical combustion devices. Both steady, free and confined premixed flames, where gaseous diffusion is important, can be treated by the system. Also, well-stirred reactor, plug-flow reactor, and fixed mass time-evolution chemical kinetic problems, where diffusion is not explicitly treated, can be modeled by the system. PROF was completed in February 1978 by Acurex Corporation/Energy & Environmental Division of Mountain View California. It was previously named Modeling Studies in Combustion Aerodynamics/Chemistry.

System: Program Management System (PMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase III +, dBRUN
System Level: 3

This system was developed for EPA, Office of Research and Development Information System (ORDIS). The system maintains information and generates reports on Budget Sub-Activity, Issues, Planned Program Accomplishments, Responsibility Center Split, Projects, and deliverables.

System: Project Output Planning System (POPS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / dBase III +
System Level: 4

This internal system is used for tracking non-product milestones.

System: Proximity of Waste Sites to Wetlands (PROXIMITY)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Lambou, Vic (904) 644-5516

Hardware/Software: IBM PC / DBASE
System Level: 3

This is an inventory of approximately 3,000 sites. The system is written in dBASE III+ and PC-based.

System: Purchase Order System (POS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Ronshaugen, Bonita (702) 798-2557 FTS: 8-545-2557

Hardware/Software: Other / Focus, DCL
System Level: 4

This system provides the on-line facilities for manipulating purchase order information. The system tracks purchase order data and maintains, reports, and archives completed purchase order data.

System: RREL Treatability Data Base (WERL)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Dostal, Kenneth A. (513) 569-7503 FTS: 8-684-7503

Hardware/Software: IBM PC / dBase Plus
System Level: 2

EPA's Risk Reduction Engineering Laboratory (RREL) is continuing to expand the "RREL (formerly WERL) Treatability Data Base" and make it readily available to the public. It has been designed to be used as a guide to identify the effectiveness of various treatment technologies to remove/destroy specific organic and inorganic compounds in all types of waters/wastewaters. Version 3.0 contains over 1,000 compounds with 5,500 sets of treatability data on approximately 400 compounds. During FY91 it will be expanded to include removal/destruction treatability data on soils, sludge, sediments and debris.

System: RREL Treatability Database (RREL TDB)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Dostal, Kenneth (513) 569-7503 FTS: 8-684-7503

Hardware/Software: IBM PC / dBase III+, Clipper
System Level: 2

The WERL Treatability Database is designed to assist in selecting technologies and/or estimating the degree of treatment achievable for specific chemicals in all types of waters/wastewaters, soils, sediments and debris.

System: Radio Chemistry Programs for Radiation Calculations (RADIO CHEM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Thome, Daryl (702) 798-2300 FTS: 8-545-2303

Hardware/Software: DEC 11/785 /
System Level: 4

The radio chemistry system consists of several user friendly interactive programs which allow the user to prepare radiation calculations for Strontium Tridium, Nobal Gas, gross alpha/beta, and others.

System: Reference Manager (RM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: IBM PC / Prepackaged Software Reference Manager
System Level: 4

This internal system is used for maintaining a database of publications of staff at the laboratory and generating lists of the publications in a variety of formats.

System: Regulatory and Investigative Treatment Zone Model (RITZ)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Short, Tom (405) 332-8800 FTS: 8-743-2292

Hardware/Software: IBM PC / Turbo Pascal
System Level: 4

The "Regulatory and Investigative Treatment Zone (RITZ) Model" is an approximate simulation of the hazard waste land treatment process. The model allows pollutant transport by leaching and volatilization. Biological degradation of the pollutant and oil is estimated. The effect of the oil phase on the transport of the pollutant is also considered.

System: Risk Reduction Engineering Laboratory - Computerized On-Line Information System (RREL-COLIS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Masters, Hugh (201) 321-6678 FTS: 8-340-6678

Hardware/Software: IBM PC / dBase III, in 'C', on Zenix
System Level: 2

RREL-COLIS provides 3 options, Case History, Library Searching, Site Application Reports, and RREL Treatability database. The Case History File contains data on hazardous material spills, Superfund site actions, and corrections for underground storage tank problems. The Library Search System provides detailed data on research topics such as hazardous waste, storm water, personnel protection, etc. Site Applications Analysis Reports contain performance and cost information on technologies evaluated in the Site Demonstration Program. The RREL Treatability Database provides data to determine appropriate methods for treating specific compounds present in waste/water.

System: Risk of Unsaturated/Saturated Transport and Transformation of Chemical Concentration (RUSTIC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Carsel, Robert (404) 546-3371 FTS: 8-250-3371

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

RUSTIC simulates multiple pesticide of parent/product relationships and estimates probabilities of fluxes in or from these various media for the purpose of performing exposure estimates for compounds in drinking water wells. The model handles a variety of geometries likely to be encountered in performing evaluations for pesticide registration or special reviews.

System: Sample Tracking and Data Management System (STDMS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Thome, Daryl (702) 798-2303 FTS: 8-545-2303

Hardware/Software: DEC 11/785 / Smartstar, Fortran
System Level: 3

This system stores environmental radiation data involved with the monitoring and surveillance of nuclear testing activities. STDMS includes data from both routine and stand-by surveillance networks. Geographic locations tracked by the system includes all states west of the Mississippi River with emphasis on Nevada, Utah and California. Data is generated for gross alpha, beta, and gamma radioactivity related to atmospheric releases of fission products from nuclear testing.

System: Severity Categories Applied to Risk Estimation (SCATRE)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Schoeny, Rita (513) 569-7544 FTS: 8-684-7544

Hardware/Software: ES 9000, IBM PC, Apple Macintosh / SAS, Fortran, JMP
System Level: 3

This system contains statistical methods and extrapolation models for using available toxicological data in estimating human health risk from exposure of any kind. Non-cancer risk assessment models, estimation procedures and graphics treat toxic responses as discrete response categories for single chemicals. The results give risk as a function of dose and exposure duration.

System: Simulated Waste Access To Ground Water (SWAG)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Walters, David M. (405) 332-8800 FTS: 8-743-2261

Hardware/Software: DEC 11/70, DEC 11/785 / Fortran ('77)
System Level: 4

This three compartment analytical computer model is used to predict organic pollutant transport to groundwater. Transformations in the soil-geological matrix are considered. Data is input interactively by the user.

System: Spatial Analysis System (SAS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Forte, Bill J. (702) 798-2602 FTS: 8-545-2602

Hardware/Software: Other / Fortran, Assembler
System Level: 2

This system is used to process landsat and aircraft acquired multi-scanner data. It also forms the basis for the laboratories Geographic Information System (GIS) and research into advanced computing technology for environmental monitoring.

System: Storm Water Management Model (SWMM4)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

This system comprehensively simulates the quantity and quality of urban runoff water. All aspects of the urban hydrologic and quality cycles are simulated including surface runoff, transport through the drainage network, and storage and treatment (including cost). Alternative techniques are available for simulation in a sewer system. This model can be used for both single event and continuous simulation.

System: Stream Quality Model (QUAL2E)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Barnwell, Tom (404) 546-3210 FTS: 8-250-3210

Hardware/Software: ES 9000, IBM PC, DEC 11/785 / Fortran
System Level: 3

QUAL2E is designed to simulate the dispersion and advection of conservative and reacting constituents in branching stream systems and rivers. Constituents modeled included conservative minerals, temperature, BOD, chlorophyll, phosphorus, NH3, nitrate, nitrite, DO, coliform bacteria, radioactive material and arbitrary nonconservative material. It considers nutrient cycles and algal growth. The program simulates the dynamic behavior of these constituents by numerical integration of the one-dimensional form of the advection-dispersion transport equation. Any branching stream system can be simulated. QUAL2E includes an uncertainty analysis module, UNCAS, that provides sensitivity analysis, first order error analysis and Monte Carlo Simulation capabilities.

System: Superfund Differing Site Conditions System (SUPERDISC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel (513) 569-7869 FTS: 8-684-7869

Hardware/Software: IBM PC / Knowledge Pro
System Level: 2

This system will help EPA Regional Project Managers review requests by Remediation Contractors for changes in their contracts to reflect differing site conditions.

System: Technical Assistance Database (TAD)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other / BUILDER
System Level: 3

This internal system is used to maintain a database of technical support provided to the user community inside and outside of EPA. This system can generate reports for a selected quarter or the entire year.

System: Technical Information Plan (TIP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Cromar, Faye (702) 798-2566 FTS: 8-545-2566

Hardware/Software: DEC 11/785 / Focus, DCL
System Level: 4

TIP is an on-line system provided to track technical plans/ publications at this laboratory as well as presentations. Data within the system includes articles, funding, due dates, and journal activity. Reports can be generated to print all on-going activities for the fiscal year.

System: Telephone Call Analysis System (TCAS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Madsen, Mark (702) 798-2603 FTS: 8-545-2603

Hardware/Software: Other / INFORM
System Level: 4

The Telephone Call Analysis System was produced to give the EMSL in Las Vegas a handle on telephone call usage within the Laboratory. The ROLM telephone switch that was installed as the Agency telephone system includes a call reporting system that logs the duration of the call, the time of day, and other information for each telephone call made. This data processing system was written to receive the recorded data from the agency telephone system and then produce meaningful managerial reports on calls by trunk number, by trunk distribution, and by specified time limit. This system also tracks all calls made on FTS numbers or long-distance commercial calls and general user information for all calls.

System: Terrestrial Environmental Exposure Assessment Model (TEEAM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Bird, Sandy (404) 546-3372 FTS: 8-250-3372

Hardware/Software: IBM PC, Other / Fortran 77
System Level: 3

TEEAM simulates the concentrations of pesticides in air, surface water, soil water and gas, plant roots and aboveground plant biomass, and animals in the terrestrial food chain. These media serve as vectors for end-point pesticide exposure. The model computes both toxicant loadings to, and whole body concentrations in, the end-point species. The probability of wildlife exposure can be predicted in evaluating the registration or regulation of specific pesticides.

System: Thermoluminescent Dosimetry Instrument Control and Database Management System (TLD)
Responsible Organization: Asst. Admin. for Research and Development (ORD) /
Responsible Person: Dicey, Bruce B. (702) 798-2320 FTS: 8-545-2320

Hardware/Software: IBM PC, Other /
System Level: 3

The EMSL-LV Thermoluminescent Dosimetry (TLD) Data Management and Instrument Control System controls all aspects of the operation of the TLD readers, including reading of raw data files, tracking of reader and TLD OA/OC parameters, on-line OC, calibration of TLD readers, maintaining a history-use data base documenting the life-time of each individual TLD, and calculating absorbed dose equivalent based on fully corrected raw data results. This is accomplished through a proprietary software package obtained from International Science Associates (ISA) or Marietta, GA. Limited graphic capability is provided through use of the Saturn Graphics software package included with the ISA software.

System: Toxic Substances Research (HETC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) /
Dir-Health Research
Responsible Person: Payne, Robert R. (919) 541-2330 FTS: 8-629-2330

Hardware/Software: ES 9000, Other / SAS, Fortran
System Level: 3

The Toxic Substances Program is primarily concerned with the several hundred new chemicals, other than pesticides, which are introduced into commercial use each year. Specific bioassay methods applicable to large classes of toxicants and to the provision of rapid, sensitive, reproductible methods for delineating specific effects is being developed. Also, research is being carried out on: the definition of predictive models to reduce large scale screening and testing requirements, the estimation of the risk to man through extrapolation of model animal studies, and the prediction of hazards associated with chemical and physical individual and classes of chemicals.

System: Toxicologic Interaction Data Base (MIXTOX)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Health and Environmental Assessment
Responsible Person: Schoney, Rita (513) 569-7544 FTS: 8-684-7544

Hardware/Software: IBM PC, Apple Macintosh / dBASE III, Clipper, FoxBase+/Mac
System Level: 2

MIXTOX is a data base and stand-alone data retrieval system containing summary information on studies of toxicologic interactions, e.g., synergism. The data base reflects published articles on environmental chemicals, primarily on binary mixtures. MIXTOX is intended to be a guide to the literature for use in risk assessment and health research. The data fields include full literature identification, details on experimental set-up (animals species, exposure conditions), and results (interaction type, toxic effects, sites of the effects). Searching is by the chemicals (EPA IRIS names or common names) and/or CAS numbers, with filtering by interaction type, duration and species.

System: Training Data System (TDS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: NeeSmith, Roger K. (404) 546-3430 FTS: 8-250-3430

Hardware/Software: Other / BUILDER, FORTRAN, EMIFE
System Level: 3

This internal system is used to track each employee's requested and completed training by fiscal year.

System: Two-Dimensional Plumes in Uniform Ground Water Flow (PLUME2D)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Williams, Joe (405) 332-8800 FTS: 8-743-2246

Hardware/Software: DEC 11/70, DEC 11/785 / Fortran
System Level: 4

This computer code is interactive and enables the user to modify the definition of a given problem, and thus gain some insight into the effects of various parameters on the extent of a contaminant plume.

System: Urban Wastewater Toxics Flow Model (TOXFLO)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Rossman, Lewis (513) 569-7603 FTS: 8-684-7603

Hardware/Software: IBM PC / Fortran
System Level: 3

The Urban Wastewater Toxics Flow Model provides statistical estimation of the generation and fate of toxic pollutants entering into a given municipal sewage treatment system. It can also develop a least-cost strategy of industrial pretreatment and municipal treatment to satisfy applicable environmental criteria. Quantities computed by the model include: (1) flow and concentration values from each controllable industrial discharger; (2) flow and concentration values from the domestic/commercial sector; (3) quality of the influent, effluent, and sludge from the municipal sewage treatment plant; (4) receiving stream water quality; and (5) the total cost of the industrial/municipal control technology utilized.

System: Vegetation Cover Advisory Expert System (VEGCOV)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Waterman, Jerry (513)-569-7834 FTS: 8-684-7834

Hardware/Software: IBM PC / PC Plus
System Level: 2

This system aids in the review of vegetative cover designs proposed in applications for closure of a hazardous waste land disposal site.

System: Warehouse Inventory Control System (WIC)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Miller, Karen (702) 798-2615 FTS: 8-545-2615

Hardware/Software: DEC 11/785 / Focus, DCL
System Level: 4

This system provides on-line facilities for maintaining, reporting, and archiving warehouse stock flow.

System: Waste Analysis Plan Review and System (WAPRA)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Daniel 513-569-7869 FTS: 8-684-7869

Hardware/Software: ES 9000 / dBASE IV
System Level: 2

This system assists in the identification of chemical incompatibilities when different waste chemicals are handled together. It also recommends the appropriate sampling equipment and analytical methods for monitoring the waste streams. This expert system is a data base that facilitates the implementation of the evaluation procedures specified in the waste analysis plan evaluation document. This is a PC-based system written in ARITY PROLOG.

System: Water Pollution Lab Performance Evaluation Studies (WP)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Britton, Paul (513) 569-7325 FTS: 8-684-7325

Hardware/Software: ES 9000 / VS Fortran
System Level: 4

This system contains data from water supply studies. In these studies, participating laboratories analyze a series of synthetic drinking water samples that are unknown to them, but have known concentrations. The objective of these studies is to establish the quality assurance background necessary to evaluate the performance of drinking water labs.

System: Water Quality Analysis Simulation Program, Version 4 (WASP4)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Processes and Effects Research
Responsible Person: Ambrose, Robert B. (404) 546-3130 FTS: 8-250-3130

Hardware/Software: IBM Logical Mainframe/Other, IBM PC, DEC 11/70 / Fortran, Wylbur
System Level: 3

The Water Quality Analysis Simulation Program (WASP4) is a generalized compartment modeling program for simulating water quality in rivers, lakes, and estuaries. Linked with the various kinetic subroutines, it is used to predict water quality response to wastewater management strategies. Version 4.2 is linked to the hydrodynamics program DYNHYD. Water quality kinetic subroutines are provided to simulate conventional pollutants (including BOD, nutrients, algae, DO), and toxic pollutants (organic chemicals, sediment) in the water column and benthos.

System: Water Supply Evaluation Studies Lab Performance (WS)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Modeling and Monitoring Systems and Quality Assurance
Responsible Person: Britton, Paul (513) 569-7325 FTS: 8-684-7325

Hardware/Software: ES 9000 / VS Fortran
System Level: 4

This system contains data from Water Supply studies. In these studies, participating laboratories analyze a series of synthetic drinking water samples that are unknown to them, but have known concentrations. The objective of these studies is to establish the quality assurance background necessary to evaluate the performance of drinking water labs.

System: Water Supply Simulation Model (WSSM)
Responsible Organization: Asst. Admin. for Research and Development (ORD) / Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Goodrich, James (513) 569-7605 FTS: 8-684-7605

Hardware/Software: ES 9000, IBM PC / Fortran
System Level: 3

In meeting the requirements of the Safe Drinking Water Act (SDWA), Water Supply Simulation Model (WSSM) is used to evaluate the trade-offs involved in making decisions concerning water supply systems hydraulic operation vs. water quality objectives in meeting the DSWA. A suite of models are able to determine the time-of-travel, flow path, age of the water and quality of the water throughout the distribution system. Growth and decay rates of contaminants and disinfectants can be modeled in both steady-state and dynamic modes.

System: ADP Budget Preparation System
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike (202) 382-2131 FTS: 8-382-2131

Hardware/Software: /
System Level: 4

The OERR Automated Data Processing (ADP) Budget Preparation System is an intramural and extramural ADP contracts management system. This system permits the Management Evaluation Staff (MES) to monitor the fiscal year Operating Plan for the OERR divisions. This system tracks contractual budget data for all systems included in the Five Year Information Resources Management Information System (FIRMIS). The ADP Budget Preparation System monitors such items as the OERR divisional and operating plan, planned and actual obligations and expenditures, and produces assorted analyses of the data in the system. The system is written in dBASE and operates on a standard agency minicomputer.

System: Accidental Release Information Program (ARIP)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Responsible Person: Rodriguez, Vanessa E. (202) 382-7913 FTS: 8-382-7913

Hardware/Software: IBM PC / dBase
System Level: 2

This program is a non-regulatory approach to foster improvements in overall chemical process safety. Information collected through ARIP is used to establish a national database and clearinghouse about the causes of accidental chemical releases and ways to prevent them from recurring. This database is used to study and develop program initiatives, to focus attention on releases, and to foster the use of accidental release prevention activities and technologies. Data analyses findings are disseminated and shared among all those with responsibility to prevent accidental releases.

System: Aerial Photo Database
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Dir-Solid Waste
Responsible Person: Wright, Felicia (202) 475-7370 FTS: 8-475-7370

Hardware/Software: IBM PC / LOTUS 1-2-3
System Level: 4

This database is similar to case study database system. It is designed to target facilities and identify location of aerial photos. The database contains approximately 500 reports. Lotus is used primarily for file searching.

System: Authorized Tracking Data System (ATDS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Dir-Solid Waste
Responsible Person: Nowak, Paul (202) 475-9656 FTS: 8-475-9656

Hardware/Software: IBM PC, Other, Apple Macintosh / Paradox
System Level: 3

This is an on-line Authorization Tracking and Data Transfer System to enable States and Regions to input data electronically. This data includes authorization applications and determinations pertaining to authorization of State's Hazardous Waste programs. Headquarters will also monitor the system as part of the authorization oversight process and enforcement coordination roles.

System: Automatic Laboratory Evaluation System (ALES)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Hankins, Jeanne (202) 382-4761

Hardware/Software: ES 9000 / SAS
System Level: 3

The Laboratory Evaluation Program is designed to assess the capability and relative performance of laboratories conducting testing under RCRA, in order to ensure data quality. The Automatic Laboratory Evaluation System (ALES), which compiles information for the program, gives the user the ability to respond to queries concerning the following: individual laboratory performance and participation, relative performance and participation, and analytical method evaluation. In addition, ALES provides a standardization of reported results, validity checks, and comparative reporting capabilities. ALES is written in SAS and is on the EPA mainframe (ES 9000). It is updated quarterly.

System: Biennial Reporting System (BRS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Fogarty, John (202) 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000, IBM PC / FOCUS
System Level: 1

Biennial reports are submitted by the RCRA regulated community on hazardous waste generated, transported, treated, etc. Data has been submitted biennially since 1985. The 1985 report has been produced; the 1987 report is in draft and the 1989 data is currently being submitted by the States to the Regions for quality assurance and quality control.

System: CERCLIS Version 3.0 (CERCLIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike (202) 382-2131 FTS: 8-382-2131

Hardware/Software: ES 9000, IBM PC, Apple Macintosh / Unknown at this time
System Level: 1

The CERCLA information system version 3.0 will support EPA HQ and regions for the management & oversight of the Superfund program. CERCLIS serves two purposes: to maintain an automated inventory of abandoned, inactive, or uncontrolled hazardous waste sites; and to act as the vehicle for the regions to report to headquarters on the status of major stages of clean-up at sites. CERCLIS V3.0 will be developed with an indepth look at the long term information needs of state and other federal agencies in effectively managing clean ups. CERCLIS V3.0 may be developed using a data base manager other than System 2000, such as ADABAS. CERCLIS V3.0 will begin with a long-range study of the relationships of CERCLIS to Federal Agencies.

System: CLP Analytical Results and Quality Assurance (CARD)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Eng, David (202) 382-4619 FTS: 8-382-4619

Hardware/Software: ES 9000, IBM PC / ADABASE
System Level: 1

The CLP Analytical Results and Quality Assurance Data Base (CARD) will provide inspections of deliverables from laboratory contractors (contract compliance screening), support methods and QA requirement developments, and serve as a comprehensive data base of results. CARD will be constructed using ADABAS on the ES 9000. Regional access to this data base is anticipated. Laboratories are required to deliver summary data on IBM PC compatible diskettes to build the CARD data base.

System: CLP Statistical Data Base (STAT)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Eng, David (202) 382-4619 FTS: 8-382-4619

Hardware/Software: ES 9000 / SAS
System Level: 1

The Statistical Data Base (SDB) contains a random sample of the laboratory results produced by the Contract Laboratory Program (CLP). It supports the statistical analysis of occurrence and concentration of priority pollutants and hazardous substances at superfund sites. Beginning in FY88, the Analytical Results and Quality Assurance Data Base (ARQ) will provide a more completed data base of results. The SDB will continue to be supported to provide historical results analysis for data prior to the operation of ARQ. Thus the two data bases together will support statistical analysis of laboratory results for the entire length of the CERCLA Program. SDB utilizes SAS statistical software on the ES 9000.

System: Capacity Assurance Database (EPACAP)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Dave Levy (703) 308-8479 FTS: 8-398-8479

Hardware/Software: IBM PC / dBase IV
System Level: 4

EPACAP contains data submitted by 50 states, District of Columbia, and Puerto Rico for management of hazardous waste for a 20 year period. Plans submitted in October, 1989 include data for 1987, 1989, 1995, and 2009. 1987 is the base year from known data and 1989, 1995, and 2009 are projections. Tables list generation, imports, exports, instate management comparison of demand to capacity and reductions due to waste minimization (not for 1987). The user views data by menu selection.

System: Case Study Data System (CSDB)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Wright, Felicia 202-475-3770

Hardware/Software: IBM PC / dBase
System Level: 4

This system was developed to facilitate locating case specific information and to support rule and guidance development activities affecting facility location, corrective action, and closure. Over 200 case studies have been organized into a library and detailed computerized data base system by data fields and key words. These case studies will address the following topics: floodplains, poor foundation, surface water impact areas, special ground-water conditions, air impact areas, proximity of units to population, disposal technology, treatment, laws and acts, waste types, environmental effects, location, compliance and corrective action. CSDB is written in dBase III on an IBM PC.

System: Comprehensive Environmental Response, Compensation and Liability Information System, Version 2 (CERCLIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike (202) 382-2131 FTS: 8-382-2131

Hardware/Software: ES 9000, IBM PC / System 2000,COBOL, SAS, FOCUS, CISS
System Level: 1

The CERCLA Info. System Version 2.0 supports EPA HQ and regions for the management and oversight of the Superfund program. It has two puposes: maintain an automated inventory of abandoned, inactive, or uncontrolled hazardous waste sites and act as a vehicle for regions to report HQ status of major stages of site clean-up. A hotline will support CERCLIS V2.0 operations at HQ and regional program offices. The System provides a decentralized national system where each region controls and enters its respective data on regional systems. Pilot systems were produced in Regions 4 & 5 using different methods to enter and transfer data to the central data base at NCC.

System: Computer-Aided Management of Emergency Operations (CAMEO)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Bishop, Kathleen (202) 382-7912 FTS: 8-382-7912

Hardware/Software: IBM PC, Apple Macintosh / Clipper, C, Hypercard
System Level: 3

The CAMEO program is designed to provide state and local emergency responders and planners with a tool 1) to manage information about hazardous substances in or near their communities and 2) to help plan for the safe handling of chemical accidents. It was developed by CEPPO in coordination with the Hazardous Materials Response Branch of the National Oceanic and Atmospheric Administration. CAMEO provides users with database templates for facility, transportation, population, contact, response resource and shipper information. CAMEO also contains a chemical identification database (Codebreaker) and a chemical response information database (RIDS).

System: Controlled Correspondence Tracking System
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: McManus, Thea (202) 475-8818 FTS: 8-382-8818

Hardware/Software: /
System Level: 4

This is a manual system which tracks controlled correspondence to meet the requirements of the EPA administrator.

System: Corrective Action Advisor 1/Texas (CAXSL)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Foskett, Bill (202) 382-7870

Hardware/Software: IBM PC /
System Level: 4

Corrective Action Advisor 1 is personal computer software which advises states or local UST officials on basic corrective action administrative decisions. The user enters site-specific data (e.g., depth to ground water, soil type) and the software advises the user on the appropriate action to take.

System: Corrective Action Bibliographic Data Base (CORRECTIVE)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Rosnick, Reid (202) 382-4755 FTS: 8-382-4755

Hardware/Software: ES 9000 / dBase III+
System Level: 3

This system contains over 200 abstracts of journal articles and EPA publications on corrective action technologies which have been demonstrated in the field or in bench scale projects. It is also used to provide technical assistance on corrective action, and to aid the Office of Solid Waste disposal and remediation section in locating sources of information. The system is also available through the OSWER Bulletin Board.

System: Corrective Action Reporting System (CARS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Inman-Perry, Donna (202) 382-5993 FTS: 8-382-5992

Hardware/Software: ES 9000, IBM PC / FOCUS
System Level: 1

The Corrective Action Reporting System tracks and reports corrective action administrative data. The system also compliments HWDMS tracking and reporting capabilities. The system is PC based and is also available on the ES 9000.

System: Delisting Petition Tracking System (DPDMS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Kent, Jim/Kayser, Bob (202) 382-2224 FTS: 8-382-2224

Hardware/Software: IBM PC / dBASE III
System Level: 3

This system contains information on delisting activities, facility information, waste characterization, and comments used to track and characterize all delisting petitions. The system also tracks Federal Register notice packages, from the time they are sent to the workgroup until they are published. The system also tracks draft sampling plans. This system is based on an Epson Equity III+ and written in dBase III+.

System: Emergency Response Notification System (ERNS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Ouderkirk, David (202) 382-7731 FTS: 8-382-7731

Hardware/Software: IBM PC, PRIME, Other / 1032, Unix, dBASE, Clipper, R&R
System Level: 3

The Emergency Response Notification System (ERNS) is a national computer data base and retrieval system used to store information on releases of oil and hazardous substance. ERNS consists of release notifications submitted to the National Response Center, U.S. Environmental Protection Agency (EPA) Regions, and the U.S. Coast Guard since 1987. The system contains preliminary information on specific releases, including the reported discharger, date of release, material released, cause of release, damage or injuries involved, quantity released, source of release, incident location, response actions taken, authorities notified, and affected environmental medium. ERNS data is available on magnetic tapes, diskettes, or printouts.

System: Enforcement Case Support Expert Resources Inventory System (ERIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Waste Programs Enforcement
Responsible Person: Lamber, Kurt (703) 308-8624 FTS: 8-308-8624

Hardware/Software: Other / dBASE III
System Level: 2

ERIS is a system of records, consisting of a computer data base and hard-copy files. These were established for aiding in the identification and selection of individuals with appropriate expertise and qualifications to serve as expert consultants & witnesses for hazardous waste enforcement cases. The computer database contains specific information from the resumes of listed individuals. The complete resumes are maintained in hard-copy files. The system is updated as new resumes are received. The database is written in SCI-MATE for use on IBM-compatible PCs. Planning is underway to make the database available to authorized users in the EPA regional offices, the U.S. Dept. of Justice, OWPE TES contractor's offices and at other facilities through restricted telecommunications.

System: Facilities and Company Tracking System (FACTS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Waste Programs Enforcement
Responsible Person: Anderson, Joe (703) 883-8847

Hardware/Software: ES 9000 / ADABAS
System Level: 1

This system allows read-only access to the Duns Marketing Information File for Regulatory Impact Analyses.

System: Federal Facilities Inventory System (FFIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Shuster, Ken (202) 382-2214 FTS: 8-382-2214

Hardware/Software: IBM PC / dBase
System Level: 3

The Federal Facilities Inventory System is a list of all Treatment Storage and Disposal Facilities (TSDs) owned and operated by federal agencies. The inventory identifies the agency, site location, status, management status, waste characterization, environmental damage, environmental monitoring, and hydrology of response actions.

System: File Transfer System (FTS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: NcNeely, Steven (202) 475-7262 FTS: 8-475-7262

Hardware/Software: IBM PC / dBase III+, PKSIP, Clipper
System Level: 3

FTS is an innovative approach to eliminating unecessary paper production. It provides a user-friendly menu-driven system capable of PC to PC transfer. The user may select multiple files and multiple destinations. The FTS user also has the option of transferring compressed files or non-compressed files. Anyone with an IBM compatible PC, 640K memory (RAM), a modem, a color monitor, or XTALK XVI can use FTS to save time and money by eliminating uneccessary paper production. Documents and memos previously mailed or faxed may now be electronically transferred in minutes.

System: Firm Facility Finanical Data Base (F3DB)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Price, Anne (202) 475-6725

Hardware/Software: IBM Logical Mainframe/Other / SAS
System Level: 3

This system provides access to the available financial and ownership data on active TSD facilities. The data was verified using various public and private financial service resources. The system is used to determine financial test eligibility for facilities. It also provides a description of the Universe of Bankruptcy Actions. The current version of the data base uses HWDMS data from October 1986. The system is on the IBM 3380 and written in SAS. The system is being updated for the RIA with Corporate Structure Information. The financial information is outdated i.e., from 1986-1987.

System: Five Year Information Resources Management (FIRMIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER)
Responsible Person: Allen, Deborah (202) 475-6763 FTS: 8-475-6763

Hardware/Software: IBM PC / dBase III, Clipper
System Level: 3

FIRMIS supports OSWER-WIDE Five Year IRM Planning. FIRMIS automates the collection, maintenance, analysis and reporting (both internally and to OMB) of IRM activities and their associated resource data. The data base contains descriptive information on IRM activities (e.g., application systems, facilities, and support) and their retrospective, current, and projected (for four years) resource requirements. Resource requirements are characterized by funding organization, funding fiscal year, objective (i.e., hardware, software, services, timeshare, etc.), life cycle phase, and contractual vehicle (i.e., extra-mural contract, FTE, LAG, etc.) Updates are made periodically throughout the year to correspond to external budgeting requirements.

System: Grant Allocation Formula
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Rudzinski, Suzanne (202) 382-2210 FTS: 8-382-2210

Hardware/Software: IBM PC / Lotus 1,2,3,
System Level: 2

This model allocates grant funds on the basis of the number of TSD's, PDP, Waste Quantity and Authorization Status.

System: Hazardous Waste Collection Data Base (HWCD)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Waste Programs Enforcement
Responsible Person: Sacks, Felice (202) 382-5934

Hardware/Software: IBM PC / dBase III +
System Level: 2

The Hazardous Waste Collection Database is a PC-based bibliographic database corresponding to a special collection of hazardous waste documents found throughout the EPA library network. Included in the collections are EPA reports, OSWER policy and guidance directives, legislation, regulations and commercial books. The database has a user friendly menu designed to assist those with little or no computer experience. The user can search for materials based on date, keyword, title or issuing EPA program office. A user's manual and thesaurus of keywords is available. The database and documents are distributed to the ten EPA Regional libraries and selected laboratory libraries. The database is updated quarterly: Jan., Apr., July and Oct. of each year.

System: Hazardous Waste Data Management System (HWDMS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Murray, Patricia (202) 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000, IBM PC / System 2000, FOCUS
System Level: 1

The purpose of HWDMS is to maintain information in response to EPA regulations by the 5,000 facilities that treat, store, or dispose of hazardous waste and 165,000 handlers who generate or transport hazardous waste. The inventory includes, for each participant, estimated annual quantities of waste handled and tracks all handlers of hazardous wastes, including generation and authorized treatment, storage, or disposal. A national database is maintained in FOCUS. It is updated weekly by extracting from the system 2000 database. Data entry is performed mainly on a PC (compatibility also on 3090 and 4381) using FOCUS data entry screens.

System: Hazardous Waste Data Management System - SAS (PSEUDO-HWD)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Nowak, Paul (202) 475-9656 FTS: 8-475-9656

Hardware/Software: ES 9000 / SAS
System Level: 2

This system is a modified SAS version of HWDMS National Data Base plus other facility data files. It contains inventory-type data not maintained in HWDMS (i.e., standard industrial classification (SIC) codes for generators and "clean-up" inventory data.) PSEUDO-HWDMS also contains a copy of the surface impoundment assessment system (SIAS) maintained by the Office of Drinking Water, results of the telephone verification survey, incinerator survey, and some DUN's financial information.

System: Hazardous Waste Generators Survey Data Base (GENERATOR)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Fogarty, John (202) 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000 /
System Level: 2

This data base contains information on hazardous waste generators for regulatory development. The information is from 10,000 U.S. Hazardous Waste Generators. This data base contains information on: types and volumes of hazardous waste generated; accumulation of hazardous waste; testing procedures; existing tanks used for hazardous waste treatment; and waste minimization activities.

System: Hazardous Waste TSDR Facilities Screening Survey
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Fogarty, John (9202 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000 / SAS/FOCUS
System Level: 3

This survey was conducted to gather information on the nation's TSDR capacity. It is used to identify and characterize hazardous waste facilities. Responses came from 3,000 active and 2,500 closed or closing facilities. The system is based on the ES 9000 in SAS/FOCUS.

System: Hazardous Waste TSDR Facilities Survey (TSDR SURVE)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Fogarty, John (202) 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000 /
System Level: 2

This system contains data from a National Survey of Hazardous Waste Treatment, Storage, and Disposal Facilities. The survey included one general information questionnaire and 14 specialized questionnaires. The general facility questionnaire solicited information on: volumes, capacity, waste characterization, pricing, and pollution control. The specialized questionnaires obtained detailed information on these various management methods: incineration; refuse as fuel; fuel blending; solidification/ stabilization; solvent and liquid organic recovery for reuse; metals recovery for reuse; wastewater treatment; waste piles; surface impoundments; landfills; land treatment; underground injection wells; and tank systems.

System: Industry Studies Data Base (ISDB)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Josephson, Ron (202) 475-6715 FTS: 8-475-6715

Hardware/Software: IBM PC / dBase III
System Level: 3

The data base consists of information extracted from RCRA 3007 Questionnaires, sampling and analysis reports, industry contacts and literature. The data tracks organic chemical manufacturing processes, the quantities and characteristics of residual streams and associated waste management practices. To date, the chlorinated, organic, organic pesticide, carbamate pesticides, brominated organic, industrial organic, dye, chlorinated aromatics, pigment, and plastic and resins industries are included.

System: Integrated Financial Management Information System (INFIMIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Ray, Wilna F. (202) 382-2017 FTS: 8-382-2017

Hardware/Software: IBM PC / dBASE III+, Flashup, Flashcode (Windowing SW)
System Level: 3

INFIMIS combines the functions of several pre-existing office management systems into one centralized, user friendly system. The data for this system is provided by Work Assignment Managers, Project Officers, and by the Administrative Officer. These work assignments/plans, invoices and procurement requests, feed INFIMIS the data necessary to maintain a check book balance of OUST's budgetary plans. INFIMIS provides an up-to-date depiction of OUST's Operating Plan Objectives as they relate to contractual and grant expenditures. Data is available for any OUST contract, division, branch, funding account, and fiscal year, at the press of a button.

System: Medical Waste Tracking System (MEDTRAC)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Frawley, Austine (202) 382-4777 FTS: 8-382-4777

Hardware/Software: IBM PC / dBase, Clipper
System Level: 4

MEDTRAC tracks the receipt and processing of Medical Waste Reports including: Transporter Notifications, Transporter Semiannual Waste Reports, and On-site Medical Waste Incinerator Reports. The system is designed to retrieve and display transporter and on-site incineration information. It also generates a series of reports and tables to monitor the processing of reports and to analyze the data.

System: NPL Characterization System
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Zaragoza, Larry (202) 382-2467

Hardware/Software: IBM PC / dBase IV
System Level: 2

The National Priorities List (NPL) Characterization project was undertaken to gain a better understanding of the hazardous waste sites that have been placed on the NPL. The NPL Characterization Database Access System has been developed to allow menu-driven, user-friendly access to this site characteristic information. The system includes information on over 50 site characteristics based on record information, site description information, waste description information, water supply within three mile radius information and environmental/demographic information. The Access system requires no specialized computer experience and has no additional software requirements.

System: NPL Information System
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Zaragoza, Larry (202) 382-2467

Hardware/Software: IBM PC / dBase IV
System Level: 2

The National Priorities List (NPL) Information System database is a comprehensive, user-friendly query system used by EPA HQ personnel for sorting, viewing, and/or printing site narrative summaries and site characteristics information for all NPL hazardous waste sites. The information contained in the database was compiled from a variety of sources. In addition to the site narrative summary, the following information is listed for each site contained in the database: site name, EPA ID number, EPA Region, State, County, City, Congressional District, NPL Status (Proposed, Dropped, or Deleted) and Date Proposed, Date Final, Date Dropped or Date Deleted. This system sorts information, views and/or prints information, and prints narrative summaries of sites.

System: NPL Technical Database
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Zaragoza, Larry (202) 382-2467

Hardware/Software: IBM PC / dBase IV
System Level: 3

NPL Technical Database was developed by MITRE for the purpose of Quality Control and maintaining factor level data on the original HRS. This database has been EPA's primary resource for information on types of sites, chemicals present at sites, and types of waste at sites that have been placed onto the original NPL. This is currently the only automated source for chemical specific information by site at the site assessment stage of assessment. This database is maintained in dBase IV. There is currently no user friendly front end for this system, but a concept paper will be developed outlining an option for the development of a user friendly front end for this system.

System: OERR Office Automation System (OASYS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike 202-382-2131 FTS: 8-382-2131

Hardware/Software: IBM PC / dBASE III
System Level: 3

OERR Office Automation System is a PC Lan-based utility that provides systems support to all administrative functions as well as needed communications.

System: OSWER Data Resource Directory (DRD)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER)
Responsible Person: Melley, MaryLou 202-382-5760 FTS: 8-382-5760

Hardware/Software: ES 9000 / DataCatalogue II
System Level: 3

The OSWER Data Resource Directory provides the capability to access information concerning OSWER systems, models which support OSWER programs, and data entities and their relationships for some major OSWER systems. The DRD supports data administration objectives of data sharing, data element standardization, physical and logical data modeling for OSWER systems, and a system's data dictionary standard. It also represents OSWER's requirement for a future repository relevant to CASE tools and information engineering methodology.

System: OSWER Directives System (OSWERDS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER)
Responsible Person: Webster, Johnsie (202) 382-4510 FTS: 8-382-4510

Hardware/Software: IBM PC / dBase
System Level: 3

OSWERDS supports OSWER-wide policy formulation and promulgation. The system automates the collection, maintenance, and reporting information on policy, guidance, and delegations of authority. The data base is composed of bibliographic references to the original documents. The bibliographic data includes title, dates, keywords, and summaries. The data base is updated every six months. OSWERDS was developed using dBase III plus and operates on agency standard IBM compatible micro-computers. The system has been distributed to EPA regional offices and libraries.

System: OSWER Technology Transfer Electronic Bulletin Board (OSWER BBS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Responsible Person: Powell, Dan (202)-382-4506 FTS: 8-382-4506

Hardware/Software: IBM PC / PCBoard (commercial software)
System Level: 2

The OSWER BBS (CLU-IN) is designed for hazardous waste cleanup professionals to use for finding information about innovative technologies, consulting with one another online, and accessing databases. CLU-IN is used by those involved in the cleanup of Superfund and Resource Conservation and Recovery Act corrective action sites, including EPA, other Federal Agency and State Personnel consulting engineers, technology vendors, remediation contractors, researchers, community groups, and individual citizens. CLU-IN provides electronic message capabilities, bulletins that can be read online, files that can be downloaded and used on the user's own computer, and online databases that can be searched on CLU-IN.

System: OWPE Controlled Correspondence
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Dir-Waste Programs Enforcement
Responsible Person: Williams, Darlene 202-382-5549 FTS: 8-382-5549

Hardware/Software: IBM PC / dBASE III Plus
System Level: 3

This system tracks all OWPE correspondence. It was written in INFO and based on the PRIME. The system will be replaced by an IBM PC-based system in the following year.

System: Office Forms Facilitator Version #1 (OFF-1)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: McNeeley, Steven (202) 475-7262 FTS: 8-475-7262

Hardware/Software: IBM PC / dBASE III+
System Level: 3

OFF-1 is a PC based system that stores, retrieves, and provides data entry screens and printing options for a variety of EPA and GSA Standard forms. OFF-1 expedites the processing of travel, training, procurement, and other forms. The dBase management structure stores information which for later versions, may provide specific financial reports on an individual, branch, division or office wide basis.

System: Oil and Hazardous Materials Technical Assistance (OHMTADS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Lively-Diabold, Barbara (703) 356-8774

Hardware/Software: IBM PC, Other / dBase III
System Level: 2

OHMTADS supports OSWER's response program operations. The data base contains profiles on approximately 1,400 oil and hazardous substances. The profiles provide quality assured data on chemical and physical properties, uses, and effects on human health and the environment as well as recommended response procedures for handling and disposing of releases or spills. Since the data base can be accessed through OHMTADS' interactive query facility, it is an important tool for first responders needing to identify substances by their physical or chemical properties, uses, or effects. OHMTADS is available in two technical environments. The first is on a standard EPA PC. The second is through the chemical information system, Inc. (CIS), which is a commercial service.

System: Operation Information System (OIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: McNeely, Steven D. (202) 475-7262 FTS: 8-475-7262

Hardware/Software: IBM PC / dBase III+, Clipper
System Level: 3

OIS is an electronic transfer and reporting system developed for OUST. Quarterly Activity reporting will be a completely automated process. OIS will enable you to print, transfer, and download Grant, LUST Trust Fund, and Exception Site Information. Anyone with an IBM compatible PC, 640K memory (RAM), a modem, a color monitor, or XTALK XVI can use OIS to save time and money by eliminating uneccessary paper prodcution in the collection of UST/LUST State and Regional data. In addition, OUST will be able to provide rapid access to Regional and National summaries of UST/LUST data.

System: Prescore (PRESCORE)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Donovan, Kevin (202) 475-9749 FTS: 8-475-9749

Hardware/Software: IBM PC / "C"
System Level: 2

The Prescore computer program has been developed to assist Superfund site assessment investigations in Hazard Ranking System (HRS) site scoring. The HRS is used to assess the relative threat associated with actual or potential releases of hazardous substances to ground water, surface water, soil, and air. The HRS is the primary means by which EPA evaluates sites for the National Priorities List (NPL), the list of the hazardous waste sites that are eligible for remedial funding under the Superfund program. Prescore is designed to be user-friendly and quick and efficient for data entry. Program features include instant score calculation and continuous score display, multiple site-scenario test capability, extensive help screens and comprehensive documentation ability.

System: RCRA Administrative Action Tracking System (RAATS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Waste Programs Enforcement
Responsible Person: Small, Bob (202) 475-9375 FTS: 8-475-9375

Hardware/Software: PRIME / INFO
System Level: 2

RAATS is a PRIME based system used to respond to FOIAs. It is also used for congressional information requests and responses for enforcement information requested by OE. Information is based on enforcement actions issued under RCRA which have been signed and dated only. The system is also used to provide information to other Federal agencies and sometimes State agencies as requested, primarily IRS and Department of Treasury.

System: RCRA Hazardous Waste Permit Application Part A
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Roepe, Wayne (202) 475-7245 FTS: 8-475-4245

Hardware/Software: /
System Level: 2

RCRA Section 3005 requires each respondent to obtain a permit to operate. The permit application requires information regarding the facility's location, design capacity, and estimates on the hazardous waste composition, quantity, and concentration. EPA uses this data to determine compliance with regulations.

System: REG-In-A-Box (REGBOX)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Foskett, Bill (202) 382-7870 FTS: 8-382-7870

Hardware/Software: IBM PC / Black Magic hypertext shell
System Level: 4

Reg-In-A-Box is a personal computer software package which aids users in better understanding OUST's tank technology, corrective action, and financial responsibility regulations. Reg-In-A-Box provides pop-up cross-references and plain English translations of the regulation text and finds keywords and key dates. Additionally, the system takes the user from features on an engineering drawing of a UST system to the application of an off-the-shelf hypertext shell in versions to run on Apple Macintosh or PC-clone computers.

System: Recordkeeping and Reporting Requirements for RCRA Permittees
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Roepe, Wayne (202) 475-7245 FTS: 8-475-7245

Hardware/Software: /
System Level: 2

RCRA permit regulations require hazardous waste facilities to report to EPA. Or hazardous waste facilities can keep records to (1) substantiate information submitted in permit applications, (2) ensure that facilities are operating in compliance with their permits, and (3) identify instances where permits need revision.

System: Records of Decision System (RODS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Kehhn, Shirley (202) 475-9336 FTS: 8-475-9336

Hardware/Software: ES 9000 / Basis
System Level: 2

The Records of Decision System (RODS) contains the superfund Records of Decision documents in a full text data base. The system provides support for full text storage and retrieval of the Records of Decisions. Information searches are conducted primarily through key word searching of the data base. The system's searching, selecting, and sorting capabilities are used in the analysis of uncontrolled hazardous waste sites and appropriate clean-up activities. This system is accessible to staff from Headquarters, States and EPA contractors. RODS was developed in Basis and resides on the ES 9000.

System: Regional Operations Information System (ROIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: McNeeley, Steven D. (202) 475-7262 FTS: 8-475-7262

Hardware/Software: IBM PC / dBASEIII+, Windowing S/W(Flashup & Flashcard)
System Level: 3

ROIS allows the regional user to access a wide variety of reports about the performance and status of Underground Storage Tank programs. These reports are available in aggregate form on a Regional and State level of detail. ROIS allows direct updating of data report screens, and the ability to print or change reports. ROIS allows direct program data from Regional offices to headquarters. This is a PC based system.

System: Reportable Quantities Data Base (RQ DB)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Hostage, Barbara (202) 382-2198 FTS: 8-382-2198

Hardware/Software: IBM PC, DEC 11/785 / DRS, ORACLE
System Level: 3

The Reportable Quantities (RQ) data base Version 2.0 is a part of the Version 1 data base downloaded from a minicomputer to a microcomputer. The data base supports the regulatory development effort of the Response Standards and Criteria Branch within the Emergency Response Division (ERD) of the Office of Emergency and Remedial Response. The RQ data base contains the names, regulatory synonyms, and chemical abstracts service registry numbers (CASRNs). It also contains chemical-specific data on each of the CERCLA hazardous substances and on the chemicals that ERD is considering for addition to the list of hazardous substances pursuant to the authority in section 102(a) of CERCLA.

System: Resource Conservation and Recovery Information System (RCRIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Phelps, Kevin (202) 382-4697 FTS: 8-382-4697

Hardware/Software: ES 9000, IBM PC, Other / Focus
System Level: 1

RCRIS is currently being implemented to replace the existing HWDMS system as the major system supporting the RCRA program. RCRIS accommodates new data as required by the 1984 Hazardous and Solid Waste Amendments (HSWA). It provides interactive, on-line data edit checking, offers additional facilities for processing and reporting, and allows the use of inexpensive personal computers for most tasks. It is used interactively on a day-to-day basis at the State and Regional level, and is updated via batch uploads and merges on a monthly basis to the National oversight database.

System: Sample Tracking and Invoice Payment System (TIP)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Eng, David (202) 382-4619 FTS: 8-382-4619

Hardware/Software: ES 9000 / SAS
System Level: 1

The Sample Tracking and Invoice Payment system (TIP) tracks samples ordered for analysis by Contract Laboratory Program (CLP) laboratories. Tracking includes initial order by regional sample control coordinators, shipment by sampling teams, receipt by laboratories and submission of results by EPA. Following receipt of the results, the system records and supports payment recommendations on individual invoices. TIP is managed by VIAR & CO., and only summary reports of TIP's activities are sent to the Hazardous Site Evaluation Division (HSED). TIP is written in FSP SAS on the ES 9000.

System: Scheduling and Allocation Monitoring System (SAM)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Eng, David (202) 382-4619 FTS: 8-382-4619

Hardware/Software: ES 9000 / FOCUS, SAS
System Level: 4

The Scheduling and Allocation Monitoring System (SAM) tracks regional estimates of quarterly demand for laboratory analysis, contract laboratory capacity and, in the event of demand exceeding capacity, determines the allocation of resources. This system was originally set up to allocate laboratory work when the demand exceeded the capacity of the contract laboratory program (CLP). Since this rarely occurs, SAMS is mainly used as a recor keeping system. SAM utilizes both FOCUS and SAS on the ES 9000.

System: Site Enforcement Tracking System (SETS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Waste Programs Enforcement
Responsible Person: Corley, Alicia (202) 475-8717 FTS: 8-475-8717

Hardware/Software: ES 9000 / FOCUS, Clist
System Level: 2

SETS is an automated system which tracks name and address information about potentially responsible parties (PRP) at CERCLA sites. Under law, the PRP's can be held liable for the hazard at a site. They can be required to undertake response action or replenish the trust fund for costs incurred when the government undertakes cleanup. Identity of responsible parties is the foundation for all enforcement actions under CERCLA. Information is used for planning enforcement strategies across the regions, for determining potential conflicts of interests, and for responding to frequent public inquiries about PRP's.

System: State Authorization Tracking
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Solid Waste
Responsible Person: Rudzinski, Suzanne (202) 382-2210 FTS: 8-382-2210

Hardware/Software: /
System Level: 2

This system is manual and tracks state authorization from initiation to final authorization.

System: State Programs Data Base
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Fosket, Bill (202) 382-7870

Hardware/Software: IBM PC /
System Level: 4

The system contains information on: spend tracking, general state program information, program components, legislative and regulatory status, facility and tank universe, interim prohibition information, program approval tracking, special projects, and state grant tracking.

System: Superfund Document Management System (SDMS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Responsible Person: Frost, Jack/Curtis, Michelle (202) 382-7951 FTS: 8-475-6760

Hardware/Software: IBM Logical Mainframe/Other /
IBM Electronic Filing Cabinet, Prog. Language
System Level: 1

A major focus of SDMS is to improve the effectiveness and efficiency of Superfund records management and document handling operations through the application of advanced technology -- specifically, through the use of digital imaging systems. The annual costs related to Superfund's document management currently exceed $28 million, and SDMS should be able to reduce these costs by 40% when fully implemented.

System: Superfund Site Selection Support System (SSSSS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER)
Responsible Person: Fiedler, Linda 202-382-4363 FTS: 8-382-4363

Hardware/Software: IBM PC / dBase III+, FOXBASE
System Level: 4

Originally designed to support technology/site matching for the SITE program, the SSSSS now provides data necessary for market analysis for innovative treatment technologies. The purpose of the database is to allow analysis of the various types and volumes of waste at all listed NPL Sites. The information is organized by NPL Site, and includes site identifiers, such as EPA I.D. and location, and descriptive information such as industrial waste source.

System: Technical Enforcement Support Work Assignment Tracking System (TESWATS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) /
Dir-Waste Programs Enforcement
Responsible Person: Harvell, Rose (202) 382-4842 FTS: 8-382-4842

Hardware/Software: IBM PC / dBase III
System Level: 4

TESWATS is a tracking system used by Regions and Headquarters (OWPE and PCMD). The system assists Regional Project Officers (RPO) and Headquarters' Contracting Officers (CO) in preparing, processing and managing Technical Enforcement Support (TES) Program Work assignments. The system tracks financial, schedule, and status information.

System: Texas Smart Maps Stopper Expert System
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Foskett, William (202) 382-7870

Hardware/Software: IBM PC /
System Level: 3

SmartMaps contains computerized maps for PCs. This software has built-in "expert systems" containing Texas's own rules and policies to guide site-consultants or PSTD staff in site remediation actions. PSTD's smart software works with our Historical Database which includes hydrogeological, technical and administrative data on 6,000 remedial action sites. SmartMaps show PSTD staff the relative locations of remedial action sites and other things such as aquifers, wells, or underground phone cables which PSTD may need to map. PSTD's smart software keeps our own expert staff actively involved in site-decisions. These tools also allow the user to enter case comments. They even include a 'suggestion box' to help us continuously improve our performance.

System: Underground Storage Tanks-Data Management System (UST-DMS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Office of Underground Storage Tanks
Responsible Person: Waldrip, Gregory (202) 475-7265 FTS: 8-475-7265

Hardware/Software: IBM PC / Revelation
System Level: 2

The UST-DMS is a data management system adopted by some states that provides a wide range of reports on the UST universe. Data in the system includes: UST tank; identification numbers; status; age; total capacity; material of construction; internal protection methods; external protection methods; piping material types; types of substance stored; total volume, etc.

System: Wastelands (WASTELAN)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER) / Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike 202-382-2131 FTS: 8-382-2131

Hardware/Software: IBM PC / DBASE III
System Level: 2

This is a PC LAN version of the CERCLIS database used by regional offices for data input and local analysis needs.

System: Workstation Inventory System (WIS)
Responsible Organization: Asst. Admin. for Solid Waste & Emergency Response (OSWER)
Responsible Person: Barton, Kathy (202) 475-6759 FTS: 8-475-6759

Hardware/Software: IBM PC / dBase, Clipper
System Level: 4

This system is an inventory of PC hardware and software in the Assistant Administrator's Office tracked by system ID and serial number. The system identifies the hardware and software configuration of each PC system, user, and location. This system is only for the Assistant Administrator's Office. Each office has a similar system. This system is based on a PC in dBase III+.

System: 301(h) Application Tracking System (301(H)INFO)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Marine and Estuarine Management
Responsible Person: Parry, Kevin (202) 475-7130 FTS: 8-475-7130

Hardware/Software: IBM PC / dBASE III
System Level: 2

Publicly-owned treatment works (POTW's) may apply to EPA for a variance from secondary treatment requirements for discharges into marine waters. Tracking of application status (e.g. approvals, waivers) is essential to expeditious processing.

System: 304(1) Progress Tracking System ("The National 304(1) Shortlist Database")
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Water Regulations and Standards
Responsible Person: Smith, Katherine (202) 475-9521

Hardware/Software: IBM PC / dBase
System Level: 3

The "National 304(1) Short List Database" was created and is maintained by EPA's Office of Water Enforcement and Permits to track the progress of implementation of Section 304(1) of the Clean Water Act. EPA's database includes specific information on the point sources discharging to those waters on the short list (e.g., the 307(a) pollutant(s) the point source was listed for and the status of the individual control strategy required). The database is compiled from information provided by EPA Regional offices and is formally updated 2-3 times per year.

System: Additive Information System (AIS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Drinking Water
Responsible Person: Saxena, Jeet (202) 475-9579

Hardware/Software: IBM Logical Mainframe/Other / System 2000
System Level: 3

This system contains a list of products intended for use in the treatment, storage and distribution of drinking water. The list includes EPA accepted products and the manufacturers of these products. The EPA Additive program was terminated on October 4, 1989. The list expired on April 7, 1990 and is no longer available. The hardware and software used for this system was a mainframe, and "System 2000", respectively.

System: Administrative Order Tracking System (AOTS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Drinking Water
Responsible Person: Bahor, Peter (202) 382-7280

Hardware/Software: IBM PC / dBase (PFS)
System Level: 2

This system tracks the progress of proposed Administrative Orders (AO). The contents include information on the proposed and final AOs, penalty amounts, name of the facility, permit number, and the number of violations.

System: Biological Data System (BIOS)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Water Regulations and Standards
Responsible Person: King, Robert (202) 475-7119 FTS: 8-475-7119

Hardware/Software: ES 9000 / PL/I; Assembler
System Level: 1

BIOS is EPA's national biological data base management system. It serves as a national repository for biological data and provides analytical tools for ecological assessment. The taxonomic file in BIOS is jointly supported by EPA and NOAA. BIOS is linked to EPA's Water Quality File, STORET, allowing the association of biological and water chemistry data.

System: COASTNET National Information Network (COASTNET)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Marine and Estuarine Management
Responsible Person: Hall, Joseph (202) 475-7182 FTS: 8-475-7182

Hardware/Software: IBM PC /
System Level: 2

COASTNET is an electronic bulletin board developed by OMEP to provide Federal, State and local organizations with timely information on coastal protection issues.

System: Computer Assisted Procedure for the Design and Evaluation of Treatment Systems (CAPDET)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Moran, Thomas (202) 382-7274 FTS: 8-382-7274

Hardware/Software: ES 9000 / TSO
System Level: 2

This system is a Computer Assisted Procedure for Design and Evaluation Systems. This is a model for estimating construction costs and treatment efficiencies of wastewater treatment plants.

System: Construction Grants GICS (CGGICS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Tucker, Eliot (202) 382-5837 FTS: 8-382-5837

Hardware/Software: ES 9000 / TSO, ISPF, CICS, ADABAS/NATURAL
System Level: 2

CGGICS is a subset of the Agency's GICS. It contains all grants of the Construction Grants Program from 1972 to date. It also contains all State Revolving Fund grants information. The system is used for National reporting, accountability, and FOIA requests. CGGICS runs on an IBM mainframe.

System: Construction Grants Resource Model (CGPRM)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Fitch, Leonard (202) 382-5858 FTS: 8-382-5858

Hardware/Software: IBM PC / LOTUS 1-2-3
System Level: 3

Construction Grants Resource Model is a multi-faceted modeling tool for determining resource needs for the Construction Grant Program and State Revolving Fund Program. It identifies projected workloads, the status of delegatable functions and a list of programmatic activities. Additionally, the model estimates staffing needs for regions.

System: Dredged Material Tracking System (DMATS)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Marine and Estuarine Management
Responsible Person: Clarke, Shelley (415) 774-1980 FTS: 8-484-1980

Hardware/Software: IBM PC / dBASEIV, Clipper compiled
System Level: 3

DMATS is a system to track data obtained through the EPA dredged material permitting process. It consists of an administrative module to contain reporting requirements and decision points, and a sediment testing module for sediment chemistry, bioassay and bio-accumulation data. Data entered into DMATS is Quality Assurance/ Quality Control checked and can be loaded into ODES and into regionally-based Arc/Info Geographic Information Systems. A future module to address on-site management and monitoring, is planned. This system is available for national use in Ocean Dumping programs.

System: EPA Section 305(b) Waterbody System (WBS)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Water Regulations and Standards
Responsible Person: Kerr, Margaret (202) 475-7348 FTS: 8-475-7348

Hardware/Software: ES 9000 /
System Level: 2

WBS contains state-reported information on the water quality status of specific water bodies. States input data including causes, sources, and monitoring basis.

System: Federal Reporting Data System (FRDS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Drinking Water
Responsible Person: Weiner, Lawrence J. (202) 382-2799 FTS: 8-382-2799

Hardware/Software: ES 9000 / System 2000, COBOL
System Level: 2

The Federal Reporting Data System (FRDS) maintains inventory and compliance data (violations and follow-up actions) reported by primacy agents under the Supervision of Public Water Supplies program. It is used by Headquarters to provide quarterly reports to other components of EPA and to satisfy external reporting requirements. It is also used by Headquarters, Regions and States to perform oversight. It currently supports rolling quarter compliance data for the previous four quarters only and it currently contains compliance information from 1980 to the present and relates follow-up actions to specific violations.

System: General Record of Enforcement Actions Tracked (GREAT)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Martin, Steve (202) 475-8313 FTS: 8-475-8313

Hardware/Software: ES 9000 / Cobol, IRS, SAS
System Level: 3

The GREAT System is a computerized data system designed to aid EPA headquarters personnel in the tracking of formal EPA Enforcement Actions taken against permitted facilities. GREAT uses a sequential file system with batch input, update, and retrieval facilities. Retrievals are obtained through the use of packages such as IRS and SAS. GREAT is being phased out with the closure of existing formal Enforcement Actions. Formal actions were put into the permit compliance system on October 1, 1989.

System: Innovative/Alternative Pollution Control Technology Facility File Data Base (IADB)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Vanderlyn, Charles (202) 382-7277 FTS: 8-382-7277

Hardware/Software: ES 9000 / System 2000
System Level: 2

Innovative/Alternative Data Base combines information from GICS, NEEDS, and FMS with data on innovative and alternative wastewater treatment technologies entered by states and regions. This serves as a clearinghouse for municipalities and private developers considering using innovative/alternative technologies. It will be expanded to include other federal agency programs administered by FMHA, HUD, EDA and ARC. Information on projects funded by states, municipalities, universities and funded privately will also be included. Information may be expanded to include internationally funded I/A projects. Information on I/A field tests and problem technologies will also be included.

System: Judicial Case Review Tracking System
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Lim, Elson (202) 475-8321

Hardware/Software: IBM PC / dBase III+
System Level: 3

The system provides tracking capabilities for the status of ongoing cases and maintains a historical record of case results.

System: Laboratory Performance Evaluation (NPDES)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Lyons, David (202) 475-8310 FTS: 8-475-8310

Hardware/Software: SPERRY 1100/82, ES 9000 /
System Level: 3

EPA receives analytical data from NPDES major permittees and laboratories and uses this data to make regulatory decisions and evaluations. The respondents are evaluated annually using a set of analytical performance samples to determine their capability to produce valid data.

System: NPDES Discharge Monitoring Report (DMR)
Responsible Organization: Asst. Admin. for Water (OW) /
Responsible Person: Martin, Steve (202) 475-8313 FTS: 8-475-8313

Hardware/Software: /
System Level: 3

In accordance with the Clean Water Act, facilities discharging any pollutant into national waters must obtain a NPDES permit. EPA and state authorities collect effluent data on this standard form from all permitted facilities at least annually for program management evaluation and compliance. These forms or microfiche are stored in manual files in the regions and states for three years.

System: National Estuary Program Tracking System (NEPTUNE)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Marine and Estuarine Management
Responsible Person: Hall, Joseph (202) 475-7182 FTS: 8-475-7182

Hardware/Software: IBM PC /
System Level: 2

This system tracks individual projects funded through cooperative agreements, interagency agreements, and contracts. Also, milestones and products are conveniently tracked, as well as amendments and closeouts. This system provides clear, concise reports on due dates and statuses of projects.

System: National Municipal Policy Inventory and Tracking System (NMP)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Ferretti, James (202) 475-8317

Hardware/Software: IBM PC / dBase IV
System Level: 3

The system tracks the status of compliance and enforcement action plans for municipal "permittees". The software used for the system is dBase.

System: National Pollutant Discharge Elimination System Compliance Files (NPDES FILE)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Arnold, Leder 312-886-0133 FTS: 8-353-2110

Hardware/Software: ES 9000, DEC 11/70 / ADABAS
System Level: 3

These files contain information relating to the compliance state permit holders under NPDES permit program. Files are arranged alphabetically by state in the water and hazardous materials compliance section. They contain NPDES permits, self monitoring reports, state and federal enforcement actions, notices of noncompliance from permittees, and other correspondence relating to the status of permittee compliance.

System: National Water-Use Data System (NWUDS)
Responsible Organization: Asst. Admin. for Water (OW) /
Responsible Person: Sollie, Wayne (703) 648-5670

Hardware/Software: PRIME / FORTRAN
System Level: 2

The system stores and retrieves data on site-specific water-use data and aggregate water-use data. States routinely collect information in these areas for inclusion in the system but the level of detail and coverage varies by state. The latest information available is for 1985, and there are plans to update the system with 1990 information.

System: Needs Survey (NEEDS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Cooper, Ruby (202) 382-7296 FTS: 8-382-7296

Hardware/Software: ES 9000, IBM PC / Wylbur, IHS, TSO
System Level: 1

The NEEDS System is the basis of the biannual Needs Survey Report to Congress required by sections 205(a) and 516(b)(1) of the Clean Water Act. It is a joint effort of EPA and the States to assess the capital investment required to build or improve municipal wastewater treatment facilities. Approximately 33,000 facilities are included in this survey.

System: Ocean Data Evaluation System (ODES)
Responsible Organization: Asst. Admin. for Water (OW) /
Dir-Marine and Estuarine Management
Responsible Person: King, Bob (202) 475-7119 FTS: 8-475-7119

Hardware/Software: ES 9000, IBM PC / Agency Standards
System Level: 2

Under section 301(h) of the Clean Water Act, dischargers with 301(h) modified NPDES permits provide required monitoring information which demonstrates compliance with the law. The Ocean Data Evaluation System (ODES), managed by the EPA Office of Water, is a primary source for maintaining, retrieving and analyzing marine, estuarine, and freshwater data. ODES provides a wide range of powerful and easy-to-use statistical, graphical and modeling tools. The system may be used to assess impacts on receiving water, to review the effectiveness of monitoring programs, to pursue regional and national comparisons, and to store and retrieve historical data.

System: Permit Compliance System (PCS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Martin, Steve (202) 475-8313 FTS: 8-475-8313

Hardware/Software: ES 9000 / ADABAS, Natural, Cobol
System Level: 1

The Permit Compliance System (PCS) is a computerized management information system for tracking permit, compliance, and enforcement status for the National Pollutant Discharge Elimination System (NPDES) program under the Clean Water Act. PCS contains information on more than 63,000 active water discharge permits issued to facilities throughout the nation. The Office of Water Enforcement and Permits (OWEP) in the Environmental Protection Agency (EPA) is responsible for the operation and maintenance of PCS. EPA Regional Offices and State users of PCS are responsible for the entry and quality of the data in the system. The system components are (1) on line and batch data entry; (2) batch update; and (3) batch and on-line retrieval packages.

System: Pretreatment Local Program Tracking System (PLPT)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Enforcement
Responsible Person: Hopkins, John (202) 475-9527 FTS: 8-475-9527

Hardware/Software: IBM PC / dBase III
System Level: 3

This is a tracking system for the National Pretreatment Program. It provides the basic information on all local pretreatment programs. This system is written in dBase III on an IBM-PC. Input and output are done interactively.

System: RF3 Mapping and Data Display Manager; Reach File (RF3MDDM)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Pandolfi, Thomas (202) 382-7030 FTS: 8-382-7030

Hardware/Software: ES 9000 /
System Level: 1

The Reach File is a hydrographic database of the surface waters of the continental United States. Elements within the database were created for the express purpose of performing hydrologic routing for modeling programs, identifying upstream and downstream elements and providing a method to uniquely identify any particular point associated with surface waters. Any point within any of these databases can be associated with, and identified by a specific location on any surface water element. The Reach File, then, can be defined as the U.S. Surface Water Hydrographic Identification Database.

System: Reach Characteristics File
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Munic Pollut Cntl
Responsible Person: Pandolfi, Thomas (202) 382-7030 FTS: 8-382-7030

Hardware/Software: ES 9000 / PL1, IHS
System Level: 3

The reach characteristics file is an IHS database containing physical characteristics of reach file reaches. Constructed to aid in assessing the water quality impacts of meeting municipal facilities' construction needs, it stores reach flow, velocity, beginning and ending elevation, slope and estimated ranges for the following: pollutant decay coefficients, reaeration, coefficients temperature, PH, width and depth.

System: Recordkeeping of Permit Required Reports for NPDES
Responsible Organization: Asst. Admin. for Water (OW) /
Responsible Person: Martin, Steve (202) 475-8313 FTS: 8-475-8313

Hardware/Software: /
System Level: 3

States delegated authority by EPA or EPA Regions who administer the NPDES program must retain manual records on permittees. The records may be used to substantiate an enforcement action or as evidence in case of litigation.

System: Regional Indian Land UST Database (LUST-DE)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Ground Water
Responsible Person: Stansberry, Vickey (206) 553-2580 FTS: 8-399-2580

Hardware/Software: IBM PC / dBase III +
System Level: 3

This system accepts data and stores information on Underground Storage Tanks in Region 10. The system includes owner, facility and tank data.

System: State Dioxin Criteria Tracking System
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Regulations and Standards
Responsible Person: Robinson, Christian (202) 475-7328

Hardware/Software: IBM PC / dBase III+
System Level: 4

The system tracks numerical water quality criteria for the priority pollutant 2,3,7,8-TCDD (dioxin). The system produces several standard reports and supports a national report on State dioxin that is issued periodically. The software used is dBase.

System: State Toxics Criteria Tracking System
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Water Regulations and Standards
Responsible Person: Robinson, Christian (202) 475-7328

Hardware/Software: IBM PC / dBase III+
System Level: 4

The system tracks 126 priority toxic pollutants for which 57 States and Territories have adopted expectant numerical water quality criteria for surface waters. The software used is dBase.

System: Storage and Retrieval of Water Quality Information (STORET)
Responsible Organization: Asst. Admin. for Water (OW)
Responsible Person: Pandolfi, Thomas (202) 382-7030 FTS: 8-382-7030

Hardware/Software: ES 9000 / PL/1, Fortran
System Level: 1

The STORET system assists State and EPA officials in making pollution control decisions by providing a capability to store, retrieve and analyze water quality information. Current emphasis of control decisions are: issuing water quality based NPDES permits; inclusion of toxic pollutants in water quality standards; evaluating water quality impacts of control programs; and assessing levels of toxic pollutants, including dioxin and other bio-accumulative pollutants in the aquatic biological data, hydrologic data, stream reach data, ground-water data, and other related information. The system is used by State and EPA analysts to assemble and analyze data to support each of the above types of decisions.

System: Technical Support Division Sample Tracking System (TSD)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Drinking Water
Responsible Person: Newport, Bonnie (513) 569-7934 FTS: 8-684-7938

Hardware/Software: IBM PC / dBase III
System Level: 3

The system tracks all water samples being taken for special studies.

System: Well Activities Tracking, Evaluation and Reporting System (WATERS)
Responsible Organization: Asst. Admin. for Water (OW) / Dir-Drinking Water
Responsible Person: Anzzolin, Roger (202) 382-7282

Hardware/Software: IBM PC / dBase III +, Clipper
System Level: 2

WATERS satisfies all Federal Underground Injection Control (UIC) reporting requirements. This system tracks individual wells. This system accepts dBASE ASCII formats. Also, WATERS is menu driven.

System: Federal Facilities Information System (FFIS)
Responsible Organization: External Affairs (OEA)
Responsible Person: Franklin, Don (202) 382-5908 FTS: 8-382-5908

Hardware/Software: ES 9000 / DBMS, ADABAS
System Level: 2

The Federal Facility Compliance System serves as a vehicle for assuring compliance of Federal Facilities, including the preparation of OMB Circular A-106 reporting requirements and to provide multi-media framework for enforcement overview system. This information system is a multi-media data base which provides capabilities to logically relate a unique facility to the numerous program areas in many media. The basic unit is the facility record which carries general information describing an individual facility of interest to EPA.

System: Assistance Disputes (ADTRACS)
Responsible Organization: General Counsel (OGC)
Responsible Person: Pearson, Theresa M. (202) 382-7547 FTS: 8-382-7547

Hardware/Software: ES 9000 / DBMS, ADABAS, Natural, Cobol
System Level: 2

ADTRACS is a computerized sort system. The purpose of this system is to track assistance disputes for administrative purposes, and to research issues in disputes to promote consistency in Regional decisions. This information is reviewed by an inter-disciplinary group of headquarters and regional EPA employees. Each group receives their own types of sorts.

System: Bid Protests (BIDS)
Responsible Organization: General Counsel (OGC)
Responsible Person: Pearson, Theresa M. (202) 382-7547 FTS: 8-475-7547

Hardware/Software: ES 9000 / ADABAS, NATURAL, COBOL
System Level: 1

The Bid Protest Appeals System (BIDTRACS) tracks protests that arise from contractors who are dissatisfied with the results of grant recipients bid protest procedures. The system keeps track of the EPA's role in evaluating the grantee's handling of the protest and the merits of the decision on the protest. All the data bases are capable of retrieving information from all regions.

System: Correspondence Management Tracking System (CMTS)
Responsible Organization: General Counsel (OGC)
Responsible Person: Frazier, Paul Eric (202) 475-8052 FTS: 8-475-8052

Hardware/Software: IBM PC / dBase III +, Clipper and C Programming Lang
System Level: 3

The Correspondence Management Tracking System (CMTS) is a combination of five data bases used by OGC's Correspondence Control Unit (CCU) to track all items sent to OGC for information, action, signature or concurrence of the General Counsel or Deputy General Counsels. The CMTS is also used to evaluate OGC division offices response time on items referred to them by the CCU for action. The data bases included in the CMTS are: 1) the Control Package Tracking System, 2) the Correspondence Activity Tracking System, 3) the Division Tracking System, 4) the Regulatory Agenda Tracking System and 5) the Resume Tracking System. A detailed description of each of these sub-systems can be obtained by contacting the system manager at 475-8052.

System: General Counsel Defense Docket System (DEFENSIVE)
Responsible Organization: General Counsel (OGC)
Responsible Person: Pearson, Theresa M. (202) 382-7547 FTS: 8-382-7547

Hardware/Software: ES 9000 / DBMS: ADABAS, Natural, Cobol
System Level: 2

This system is a nationally automated system for tracking civil cases filed by outside organizations and individuals against the U.S. EPA.

System: Consolidated Index System (CIS)
Responsible Organization: Inspector General (OIG)
Responsible Person: Fink, MaryLouise A. (202) 382-4817 FTS: 8-382-4817

Hardware/Software: PRIME, IBM PC / Prime Information DBMS
System Level: 4

The CIS searches existing OIG data bases for a match of the input name. This is useful in determining if that entity has previously been the subject of an audit, investigation, suspension, debarment, personnel security, or hotline action.

System: Correspondence Control System (CCS)
Responsible Organization: Inspector General (OIG)
Responsible Person: Carter, Deborah (202) 382-4112 FTS: 8-382-4112

Hardware/Software: PRIME / HEWCO INFO
System Level: 4

CCS assigns and tracks incoming correspondence to responsible divisions. This system also tracks due dates and reports on controls that are overdue.

System: Investigation Tracking System (ITS)
Responsible Organization: Inspector General (OIG)
Responsible Person: Lewis, Charles A. (202) 382-4109 FTS: 8-382-4109

Hardware/Software: PRIME / HENCO INFO
System Level: 4

The ITS system tracks the status of all OIG cases. It shows which division the case is in, who is working on the case, how much time was spent, and what were the criminal or administrative actions, etc. It also provides the statistical data needed to meet the reporting requirements for the Inspector General Act, and other requests for case information which may arise.

System: Personnel Security System (PSS)
Responsible Organization: Inspector General (OIG)
Responsible Person: Bray, Brenda (202) 382-4115 FTS: 8-382-4115

Hardware/Software: PRIME / Prime Information
System Level: 4

The Personnel Security System tracks security clearances of EPA employees.

System: Prime Audit Tracking System (PATS)
Responsible Organization: Inspector General (OIG)
Responsible Person: McMillan, Gerry (202) 382-7602 FTS: 8-382-7602

Hardware/Software: PRIME / INFO
System Level: 4

PATS tracks and controls the audit progress and personnel time utilization and provides a management tool in furnishing statistical information on program areas that have been more vulnerable to fraud, waste and other improper or illegal abuses. This system also provides the statistical data needed to meet reporting requirements of the Inspector General Act of 1978, the Supplemental Appropriations and Rescission Bill of 1980, the Inspector General Act Amendment of 1988, as well as, any other ad hoc requests of the Congress. Additionally, PATS provides an acceptable followup system on responsiveness to audit reports issued.

System: Suspension and Debarment System (SDS)
Responsible Organization: Inspector General (OIG)
Responsible Person: McGee, James R. (202) 382-6265 FTS: 8-382-6265

Hardware/Software: PRIME /
System Level: 4

The OIG Suspension and Debarment System is a case control and tracking system specifically for suspension and debarment cases. This system will: identify all EPA suspension and debarment cases initiated since August 17, 1982; show the history and disposition of all closed cases; and show the current status of all open cases.

System: Travel Funds Tracking System (TFTS)
Responsible Organization: Inspector General (OIG)
Responsible Person: Wood, Robert D. (202) 382-4923 FTS: 8-382-4923

Hardware/Software: IBM PC / dBASE III+, Clipper
System Level: 3

The Travel Funds Tracking System allows each user (office) to keep an accurate record of travel funds and provides management with a wide range of budget usage reports.

System: Air Grants Information System (AGIS)
Responsible Organization: Region 1 Boston
Responsible Person: Studlien, Susan, TPS Branch Ch (617) 565-3242 FTS: 8-835-3242

Hardware/Software: ES 9000 / Focus
System Level: 3

A subsystem of AGIS tracks the progress of state air grants. Reports are generated to flag upcoming and missed due dates for state activities.

System: Asbestos Demolition/Renovation Notification Tracking System (DEMO/RENO)
Responsible Organization: Region 1 Boston
Responsible Person: Houlihan, Damien (617) 565-3265 FTS: 8-832-3265

Hardware/Software: IBM Logical Mainframe/Other / Focus
System Level: 3

DEMO/RENO tracks notifications, their corresponding contractors, and dumps for the demolition and renovation of buildings containing asbestos. Additionally, the system has the capability to track site inspections and enforcement actions taken against the contractor.

System: Contract Lab System (CLPS)
Responsible Organization: Region 1 Boston
Responsible Person: Horahan, Heidi (617) 573-5798 FTS: 8-833-1798

Hardware/Software: IBM PC / dBASE
System Level: 3

This system tracks the quality assurance process for Superfund samples analyzed under the Contract Lab Program.

System: Environmental Impact Statements (EIS)
Responsible Organization: Region 1 Boston
Responsible Person: Cooke, Donald (617) 565-3426 FTS: 8-835-3426

Hardware/Software: ES 9000, IBM Logical Mainframe/Other / FOCUS
System Level: 3

EIS tracks Environmental Impact Statements and Regional 309 statements through EPA's evaluation process.

System: Lab Data Analysis System
Responsible Organization: Region 1 Boston
Responsible Person: Siscanaw, Dick (617) 860-4327 FTS: 8-860-4327

Hardware/Software: IBM PC / dBASE III
System Level: 3

This system tracks the status and related information for samples analyzed in-house by the Chemistry Section of the Environmental Services Division. Additionally, the system tracks the hours spent by a chemist on an individual analysis.

System: Regional State Implementation Planning Track System (SIPS)
Responsible Organization: Region 1 Boston
Responsible Person: Conroy, David B. (617) 565-3254 FTS: 8-835-3254

Hardware/Software: IBM PC / dBase III
System Level: 3

SIPS tracks milestones in SIP processing from a regional perspective. Reports can be generated and are used to flag upcoming due dates and overdue items.

System: Research Library for Solid Waste Database (RLSW)
Responsible Organization: Region 1 Boston
Responsible Person: Friedman, Fred T. (617) 573-9687 FTS: 8-833-1687

Hardware/Software: IBM PC / dBase IV
System Level: 2

RLSW provides information on over 650 subjects concerning NONHAZARDOUS SOLID WASTE principally focusing on MSW in the states, localities and regions comprising New England. Additional economic, modeling, case study, and innovative research information is documented for other venues including Europe and Asia. Also, RLSW also collects and disseminates information concerning solid waste educational curricula and teacher training curricula for grades Kindergarten-12th Grade.

System: Superfund Label System (SLS)
Responsible Organization: Region 1 Boston
Responsible Person: Nye, Wendy (617) 565-3384 FTS: 8-835-3384

Hardware/Software: IBM Logical Mainframe/Other / Focus
System Level: 3

This system maintains mailing lists for various programs throughout Region 1. Screens allow the user to add, delete, and change information in this system. Labels and hard copy reports are produced from SLS.

System: Effluent Data Statistics System (EDSS)
Responsible Organization: Region 2 New York
Responsible Person: Rubin, Steven H. (212) 264-4751 FTS: 8-264-4751

Hardware/Software: ES 9000 / Fortran, Cobol, SAS, TSO
System Level: 2

EDSS is an option of the Permit Compliance System (PCS) generalized Retrieval Package. Through this option, discharge monitoring report (DMR) effluent data can be statistically analyzed, graphed over time, or used to generate loading reports and/or graphs. The selection of facilities to be analyzed follows the procedures described in the PCS generalized retrieval manual.

System: Executive Correspondence Control Tracking System (ECC)
Responsible Organization: Region 2 New York
Responsible Person: Olsen, Marian (212) 264-5682 FTS: 8-264-5682

Hardware/Software: IBM PC / HENCO PC-INFO
System Level: 4

The Executive Correspondence Control System provides a tracking system for correspondence sent to Region II's Deputy and Regional Administrators including AX correspondence. The system is used to develop a weekly report of outstanding correspondence which is used to improve response timeliness.

System: Issue Paper Tracking System (LANISSUE)
Responsible Organization: Region 2 New York
Responsible Person: Eckman, Robert (212) 264-1455 FTS: 8-264-1455

Hardware/Software: IBM PC, Other / dBASE IV, 'C' Language, WordPerfect
System Level: 3

The LANISSUE program helps manage 'issue papers', which each division uses to inform the regional administrator of special projects. Each division submits the papers on disk in WordPerfect format. The program will create and update the database as needed. The program runs on a LAN and is multiuser. Access to data and the program is controlled using Network commands and groups.

System: Latitude/Longitude Digitizing Program (DIGIT)
Responsible Organization: Region 2 New York
Responsible Person: Eckman, Robert (212) 264-1455 FTS: 8-264-1455

Hardware/Software: IBM PC / QUICK BASIC
System Level: 4

The DIGIT Program will return the Latitude/Longitude Coordinates of a point on a USGS Quad map. The program will query the user to enter facility and point information for the returned point. A user defined file will be created containing all information. A digitizing tablet is required, and the program can easily be modified for any tablet.

System: Monthly Program Grants Reporting System (MGR)
Responsible Organization: Region 2 New York
Responsible Person: Olsen, Marian (212) 264-5682 FTS: 8-264-5682

Hardware/Software: IBM PC / PC-INFO (HENCO) and 2020 (Access Technology)
System Level: 3

The Monthly Grants Report System is an interactive database with spreadsheet capabilities. It tracks the allocation of program grant funds, the status of grant awards and the obligation of program grant funds within Region II. The system is used as a management tool by senior managers in allocating discretionary grants funds.

System: National Pollutant Discharge Elimination System Information Management System (NIMS)
Responsible Organization: Region 2 New York
Responsible Person: Rubin, Steven H. (212) 264-4751 FTS: 8-264-4751

Hardware/Software: ES 9000 / Focus
System Level: 3

NIMS consists of three subsystems for regional DMR (Discharge Monitoring Report) management for the NPPES Permit program. The first is for logging in DMRs as they are received by the Region. Through the subsystem, permittees that do not submit DMRs are flagged for possible enforcement action. The second is for entering DMR data for daily transmittal to the NCC for updating the Permit Compliance System (PCS). The third is for tracking the problems encountered as DMRs are processed. Through this subsystem, permittees will be notified of their DMR problems for correction on future submittals.

System: Newark Bay
Responsible Organization: Region 2 New York
Responsible Person: Hemmett, Roland (201) 321-6687 FTS: 8-321-6687

Hardware/Software: IBM Logical Mainframe/Other / STORET, MIDS
System Level: 4

This data base contains dissolved oxygen and sulfide data from 20 stations within Newark Bay. The samples are collected at low slack tide from one foot below the surface and one foot off the bottom.

System: Procurement Tracking System (PROTRAK)
Responsible Organization: Region 2 New York
Responsible Person: Messina, Robert (212) 264-9850 FTS: 8-264-9850

Hardware/Software: IBM PC, Other / dBase III +
System Level: 3

This system tracks all Region 2 procurements from initiation through the various branches that are involved in the process. It provides the capability of querying the system to determine the current status of a procurement. It also provides management reports with summary data. The tracking timeframe is from initial receipt of the procurement to the actual receipt of the items or services.

System: Quality Assurance Tracking System (QTRAK)
Responsible Organization: Region 2 New York
Responsible Person: LaVigna, GaeTano (201) 321-6607 FTS: 8-340-6607

Hardware/Software: IBM PC, IBM Logical Mainframe/Other / dBase III
System Level: 3

The Region 2 Quality Assurance Tracking System (QTRAK) is a computerized information system that provides a mechanism for tracking and cataloging environmental monitoring projects and their associated quality assurance activities. The Region 2 version of QTRAK was developed and maintained using dBase III+ software. The system has been operational since 1985. The QTRAK "Good Guy/Bad Guy" Report for all Federal-lead monitoring projects is mailed to the Region 2 division directors on a semi-annual basis. As part of the semi-annual state review process, similar reports are mailed to Quality Assurance Officers for State-lead monitoring projects.

System: Region 2 File Management System (R2FMS)
Responsible Organization: Region 2 New York
Responsible Person: Rubin, Steven H. (212) 264-4751 FTS: 8-264-4751

Hardware/Software: IBM PC / Clipper
System Level: 3

R2FMS uses bar code technology for automating the Region 2 file room activities of checking RCRA and NPDES files in and out. It is a menu driven system with options for checking files in and out, for determining the status of any file or employee, for updating the system files, for printing bar code labels, for generating specialized reports, and for maintaining the system. The system only allows authorized personnel to check folders out.

System: Region 2 Superfund Litigation System (SLS)
Responsible Organization: Region 2 New York
Responsible Person: Baglivi, John (212) 264-4145 FTS: 8-264-4145

Hardware/Software: ES 9000 / Focus
System Level: 3

This system tracks information related to hazardous waste-site dumping. SLS stores names and addresses of potential responsible parties (PRPs), waste categories, and waste quantities. The system stores and uses CAS Numbers to identify the waste that a PRP dumped at a particular site. Reports can be generated which include details of the waste and quantity that each PRP was responsible for dumping at the site. These reports are used in negotiating sessions to help PRPs ascertain the portion of responsibility for the waste at the site. Additionally, the system is capable of producing labels and letters to assist in communicating with the PRPs.

System: Region 2 Underground Injection Control System (UICS)
Responsible Organization: Region 2 New York
Responsible Person: Jutis, Bill (212) 264-4753 FTS: 8-264-4753

Hardware/Software: ES 9000 / Focus
System Level: 3

This system is used to maintain an inventory of underground injection wells with facility, well, inspection, violation, compliance, and permit information for each injection well in the system. It is used by the Region 2 groundwater protection staff to schedule inspections, monitor violations, and monitor and permit compliance.

System: Region 2 Water Quality Analysis Graphics System (WATQ)
Responsible Organization: Region 2 New York
Responsible Person: Messina, Robert (212) 264-9850 FTS: 8-264-9850

Hardware/Software: ES 9000 / Fortran
System Level: 3

This graphics routine displays dissolved oxygen, fecal coliform, etc. in New York and New Jersey Coastal areas.

System: Region 2 Water Quality Models (HAR03)
Responsible Organization: Region 2 New York
Responsible Person: Nossa, George (212) 264-9850 FTS: 8-264-9850

Hardware/Software: ES 9000 / Fortran
System Level: 4

HAR03 is a computer program for the modeling of water quality parameters in steady-state multi-dimensional natural aquatic systems. The technique underlying the program is based on the law of Conservation of Mass, and the program can handle up to two variables reacting in a feed forward fashion with first order kinetics. The computer program from which HAR03 evolved was developed by Hydroscience, Inc., for the Massachusetts Water Resources Commission. HAR03 utilizes a numerical solution technique to an advective-dispersive equation for mass transport including decay and source terms.

System: Automated Procurement Tracking System (PRTRACK)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Krakowiak, John (215) 597-1180 FTS: 8-597-1180

Hardware/Software: ES 9000 / Focus
System Level: 3

The purpose of the Procurement Tracking System is to allow Region III employees to track the status of their Procurement Requests. The system was written in FOCUS using a single segment file structure.

System: Branch Accounting System (BAS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Braster, Robert E. (215) 597-4831 FTS: 8-597-4831

Hardware/Software: ES 9000 / DBMS Focus
System Level: 4

This regional accounting system tracks resources expended on specified projects within program elements.

System: Correspondence Tracking System (CTS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Wright, James (215) 597-7498 FTS: 8-597-7498

Hardware/Software: PRIME / INFO
System Level: 4

This is a multi-user system used to track controlled correspondence from the point where it enters the Division office (can be run at any level) until the response is signed and mailed out.

System: IMPREST System (IMPREST)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Fratantuono, Patricia (215) 597-7805 FTS: 8-597-7805

Hardware/Software: ES 9000 / Fortran, ISPF Panels
System Level: 4

The IMPREST System is used to help the IMPREST cashiers track information. This system's data includes cash advances, subvouchers, vouchers, cash-on-hand, and reimbursement checks.

System: Job Application Tracking System (JATS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Billaneuva, Helene (215) 597-8921 FTS: 8-597-8921

Hardware/Software: PRIME / DBMS Info
System Level: 3

This system tracks job applications and their referrals to various supervisors. JATS enables the user to record pertinent information about the applicant (e.g. academic major, professional experience/ area of specialty, minority group, veteran's preference code, OPM rating). The system tracks to whom application was referred, referral date, date application was returned, current status of the application, and the personnel specialist currently handling the application.

System: Region 3 Budget Tracking System (BUTS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Ranieri, Mary (215) 597-7839 FTS: 8-597-7839

Hardware/Software: IBM Logical Mainframe/Other / DBMS Focus
System Level: 3

BUTS is an administrative system which maintains records of purchase information. The data tracked by this system includes purchase requisition number, purchase requisition amount, description, purchase order number, purchase order amount, document control number, starting balance, and actual balance. The system is menu driven.

System: Region 3 Telephone Directory (PHONEBOOK)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Ranieri, Mary (215) 597-7839 FTS: 8-597-7839

Hardware/Software: IBM PC / INFO DBMS, INFO lang .
System Level: 4

PHONEBOOK is an on-line telephone directory that is lan-based. It is available region-wide to any user who would like to access a name or phone number.

System: Training Tracking System (TRAINS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Ranieri, Mary (215) 597-7839 FTS: 8-597-7839

Hardware/Software: IBM PC / dBase III
System Level: 4

This system tracks the training budget by recording basic information about each training course, (i.e., name, course title, estimated and actual cost). TRAINS breaks down costs by superfund or salary/expense categories to provide an accurate training budget balance. The system is completely menu driven.

System: Travel Tracking System (TRAVELS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Ranieri, Mary (215) 597-7839 FTS: 8-597-7839

Hardware/Software: IBM PC / dBase III+
System Level: 4

TRAVELS provides tracking of travel budget by recording basic information about each trip (i.e., name, destination, estimated and actual costs). The system breaks down costs by superfund or salary / expense categories to provide an accurate travel budget balance. This system is completely menu driven.

System: UIC Field Inspector's Tracking System (UFITS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Johnson, Karen D. (215) 597-9928 FTS: 8-597-9928

Hardware/Software: IBM PC / CLIPPER
System Level: 4

This system was written for the use of the UIC field inspector who is located off-site. It allows entry of the same inspections data that is entered into UICTS, the "parent" system. It enables field inspectors to avoid slow and costly methods of using his modem to enter his monthly inspections data. This system consists of a Facility/Well database and an Inspections database. Field inspectors can enter a data, retrieve reports, and export data to a floppy disk. Floppy disk is mailed to UIC Section staff in the Regional Office who use UICTS documentation to upload the data to the ES 9000, and store this data in the database by electing the appropriate menu option. UICTS automatically produces a printed report of records that were updated and added.

System: Underground Injection Control (UIC) Tracking System (UICTS)
Responsible Organization: Region 3 Philadelphia
Responsible Person: Johnson, Karen D. (215) 597-9928 FTS: 8-597-9928

Hardware/Software: ES 9000 / Focus
System Level: 4

The data entry screens of UICTS accept the data necessary to complete the UIC Annual Federal Reporting System Forms, 7520-1, 2, and 3 Multi-user update. The data is tallied into the totals required by these forms. Facsimiles of these forms are produced with the tallied data entered on the forms. Additional unrequired information is also collected. The user of this system has access to a menu consisting of facility inventory, permitting inspection, and violations reports.

System: Bioassay Studies (BIOSTU)
Responsible Organization: Region 4 Atlanta
Responsible Person: Peltier, W.H. (404) 546-3123 FTS: 8-250-3123

Hardware/Software: IBM Logical Mainframe/Other /
System Level: 3

BIOSTU tracks data for Bioassay studies that include SIC codes, industry, location of tests, results, and receiving water, along with results of organism affect lethality (LC50) or effect (EC 50). Chemical data for earlier studies (FY75-76) are also in the data base.

System: Facilities Project Tracking System (FPTS)
Responsible Organization: Region 4 Atlanta
Responsible Person: Boone, Barbara (404) 347-3544 FTS: 8-257-3544

Hardware/Software: IBM PC / dBase III+
System Level: 4

The Facility Project Tracking System is a set of programs written in dBase III+ programming language for EPA Region IV Personnel Section. By using this system, you will be able to obtain online information on the status of EPA facility improvement and repair projects at different stages. You can obtain information on the estimated cost of the project, the estimated completion date and the actual completion date.

System: Missing Property Tracking System (MPTS)
Responsible Organization: Region 4 Atlanta
Responsible Person: Boone, Barbara (404) 347-3544 FTS: 8-257-3544

Hardware/Software: IBM PC / dBase III+
System Level: 4

The Missing Property Tracking System is a set of programs written in dBase III+ programming language for EPA Region IV Personnel Section. Using this system, you will be able to obtain online information concerning items that are lost or stolen from different EPA buildings in Region IV.

System: Motor Vehicle Tracking System (MVTS)
Responsible Organization: Region 4 Atlanta
Responsible Person: Boone, Barbara (404) 347-3544 FTS: 8-257-3544

Hardware/Software: IBM PC / dBase III+
System Level: 4

The Motor Vehicle Tracking System is a set of programs written in dBase III+ programming language for EPA Region IV Personnel Section. Using this system, you will be able to obtain online information about a vehicle's license number, the make, gate key number and the service date. The system also provides reservation information such as the name of the person making the reservation, the date reserved, departure date, and the beginning and the ending mileage.

System: National Air Surveillance Network (NASN)
Responsible Organization: Region 4 Atlanta
Responsible Person: Davis, Randall (404) 347-2316 FTS: 8-347-2316

Hardware/Software: ES 9000 / Fortran
System Level: 2

The Surveillance and Analysis Division is responsible for collecting, analyzing, and reporting data obtained from approximately 33 air monitoring samplers throughout Region 4. This is done for the planning and enforcement of the requirements of the Clean Air Act. This system is the only monitoring system in use that has the capability to provide long range trend monitoring.

System: Purchase Request Tracking System (PRTS)
Responsible Organization: Region 4 Atlanta
Responsible Person: Singley, Jane V. (404) 347-7292 FTS: 8-257-7292

Hardware/Software: IBM Logical Mainframe/Other / Focus
System Level: 3

This system tracks a Purchase Request from beginning to end including the receipt of goods. Data is added to the system at each step of the process and a user can easily find the status of a particular Purchase Request by looking at the system on-line.

System: Region 3/4 Correspondence Tracking System (3/4CTS)
Responsible Organization: Region 4 Atlanta
Responsible Person: Davis, Randall (404) 347-2316 FTS: 8-257-2316

Hardware/Software: IBM Logical Mainframe/Other / Focus
System Level: 3

This system tracks critical in-office correspondence to ensure prompt reply or action. It is used for executive correspondence (RA) when programs need to supply data. The system produces routing slips for distribution. Reports by Due Dates show late or potentially due responses.

System: Region 4 Labels System (RLAB)
Responsible Organization: Region 4 Atlanta
Responsible Person: Allen, Shurvel (404) 347-2316 FTS: 8-347-2316

Hardware/Software: ES 9000 / Fortran, FOCUS
System Level: 3

This system supplies EPA personnel with labels for their mailing purposes.

System: Region 4 PSD Log System (PSDL)
Responsible Organization: Region 4 Atlanta
Responsible Person: Beals, Brian (404) 347-2904 FTS: 8-257-2904

Hardware/Software: DEC 11/70 / INFORM
System Level: 3

This system maintains information related to PSD permitting. PSDL provides programs to update, log, and retrieve information from the Prevention of Significant Distribution (PSD) data base.

System: Saving Analysis Framework for the Environment (SAFE)
Responsible Organization: Region 4 Atlanta
Responsible Person: Collins, George 404-347-3402 FTS: 8-257-3402

Hardware/Software: ES 9000, IBM PC, PRIME / ARC-INFO, FORTRAN, IHS
System Level: 3

SAFE is an automated analysis system generating management reports based on environmental results and risks. Computer techniques are developed to integrate data from the different EPA, State and other federal agency databases. The data, including monitoring data, is then automatically analyzed using SAFE programs to identify and prioritize problems and risks. Regulatory data, permits, etc., are overlayed with this problem and risk data. Using formulas, SAFE ranks these regulatory facilities, permits, etc., based on risks and problems. SAFE automatically analyzes monitoring data and presents trend reports. SAFE reports are used to target limited EPA and State resources toward achieving the greatest environmental improvement.

System: Triana Medical Claims Information System (TRIANA)
Responsible Organization: Region 4 Atlanta
Responsible Person: Guinyard, Donald, Acting Dir (404) 347-3454 FTS: 8-257-3454

Hardware/Software: IBM PC / dBASE III
System Level: 3

This tracking system is designed to store information on medical claims from the Triana, Alabama, settlement. It keeps information such as amount of claim for an individual and the amount paid.

System: Water System Analysis, Water Quality Modeling
Responsible Organization: Region 4 Atlanta
Responsible Person: Davis, Randall (404) 347-2316 FTS: 8-257-2316

Hardware/Software: IBM Logical Mainframe/Other / Fortran
System Level: 3

This system provides water quality assessment and planning, utilizing simulation and planning models.

System: Mailing Labels
Responsible Organization: Region 5 Chicago
Responsible Person: Karstenson, Susan 312-353-4191 FTS: 8-353-4191

Hardware/Software: DEC 11/70 / INFORM
System Level: 3

The mailing label system was developed to keep mailing labels in a computer file for mailing information around the region. It can create as many files as are needed and store labels for the purpose of sending letters to people and organizations around the Region 5 area.

System: Reg5 ADP Workload Reporting System (WRS)
Responsible Organization: Region 5 Chicago
Responsible Person: Dardan, Sandra 312-353-1770 FTS: 8-353-1770

Hardware/Software: DEC 11/70 / INFORM
System Level: 3

The Workload Reporting System produces reports based on hours spent on each project code by each employer. Project codes are assigned for each ADP system and/or programming job, ADP project, time devoted toward administrative functions, annual leave, training hours, etc. The information provided by the reports is used by management for assessing the workload in the branch. Necessary management planning is based on reports produced from the WRS.

System: Region V Audit Tracking System (RATS)
Responsible Organization: Region 5 Chicago
Responsible Person: LeBeau, Ginger (312) 353-8921 FTS: 8-353-8921

Hardware/Software: PRIME / INFO Language
System Level: 3

The Regional Audit Tracking System is for the Financial Analysis Section. This system monitors the flow of open grant audits until they are closed in the Management Audit Tracking System. It also produces reports that reflect various periods of time in the day's process.

System: Internal Locator System (LOCATOR)
Responsible Organization: Region 6 Dallas
Responsible Person: Spivey, Stan (214) 655-6540 FTS: 8-255-6540

Hardware/Software: IBM PC / Clipper
System Level: 3

Locator is a LAN based multiuser system designed to provide Regional directory lookup capability by individual name, phone extension, mail code, division or subject area of responsibilty. Output includes the individual mail codes and phone extensions. Additional capabilities include hardcopy listings printed as full or partial phone and mail code directories and pop-up quick reference screens for common access information (emergency, services, and special program numbers, etc.). This system has two components; the locator itself and a system administrator that provides update capability across LANs. Locator can be interfaced with the National Directory if source code is available.

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Responsible Organization: Region 6 Dallas
Responsible Person: Spivey, Stan (214) 655-6540 FTS: 8-255-6540

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System Level: 3

LOCATOR is a LAN based multiuser system designed to provide Regional directory lookup capability by individual name, phone extension, mail code, division or subject area of responsibility. Output includes the individual names, mail codes and phone extensions. Additional capabilities include hardcopy listings, printed as full or partial phone and mail code directories and pop-up quick reference screens for common access information (emergency, services and special program numbers, etc.). This system has two components; the locator itself and a system administrator that provides update capability across LANs. LOCATOR can be interfaced with the National Directory if source code is available.

System: Personnel Information Management System (PIMS)
Responsible Organization: Region 6 Dallas
Responsible Person: Spivey, Stan (214) 655-6540 FTS: 8-255-6540

Hardware/Software: ES 9000 / PL1
System Level: 3

The Personnel Information Management System (PIMS) has three sub-systems. The STAFF sub-system produces a staffing plan showing personnel by Branch, Section and Unit. The FTE sub-system tracks FTE authorization and utilization. The PATS sub-system tracks personnel actions and automatically updates the STAFF sub-system. PIMS interfaces with EPAYS. PIMS is a mainframe system and is programmed in PL1. PIMS is scheduled for completion by the end of 1991.

System: Accomplishments Tracking System (ATS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Gordon, Gregory (913) 551-7520 FTS: 8-276-7520

Hardware/Software: Apple Macintosh / Hypercard
System Level: 2

The Accomplishments Tracking System was completed at the request of the Assistant Regional Administrator for Policy and Management. It is a Hypercard Based application designed to accumulate accomplishments and note worthy achievements from each of the branches under the PLMG Division. Each branch runs an identical system which is periodically uploaded to the division system for planning and reporting purposes.

System: Asbestos Neutral Scheme (ASBESTOS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Brandner, Wolfgang (913) 551-7020 FTS: 8-276-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This database provides the AHERA Inspection targets.

System: Asbestos Worker Protection Neutral Scheme (ASBWORK)
Responsible Organization: Region 7 Kansas City / Dir-Toxic Substances
Responsible Person: Brandner, Wolfgang (913) 551-7020 FTS: 8-276-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This database provides the inspection targets for Asbestos Worker Protection inspections.

System: Continuous Emissions Monitoring Subset (CEMS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Antell, Mark (202) 308-8675 FTS: 8-398-8675

Hardware/Software: ES 9000 / COBOL
System Level: 2

Various categories of new and existing sources are subject to requirements of reporting and record keeping (40 CFR 60.7). CEMS states the SIPS related to continuous emission monitoring equipment measuring any one or combination of nitrogen oxides, opacity, sulfur dioxide and particulates. Opacity is measured in percent and the other emissions in lbs/hr or gr/scf or #os/mmBTU.

System: FIFRA Establishment Neutral Scheme (FIFRA)
Responsible Organization: Region 7 Kansas City
Responsible Person: Morrison, Sandra (913) 551-7020 FTS: 8-276-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This system provides Region 7 with a random selection of Pesticides Producing Establishment inspection targets.

System: Freedom of Information Act Tracking System (FOIA)
Responsible Organization: Region 7 Kansas City
Responsible Person: Pennington, Pat (913) 551-7764 FTS: 8-276-7764

Hardware/Software: ES 9000 / FOCUS
System Level: 3

FOIA Tracking System provides an automated log of Freedom of Information requests made to the regional office. Information requests are logged and rolled to the Responding Branch Offices. Contacts within each branch update routing information and extract workload information via table displays.

System: Labor and Sample Tracking (LAST)
Responsible Organization: Region 7 Kansas City
Responsible Person: Bates, Dale (913) 236-3881 FTS: 8-757-3881

Hardware/Software: ES 9000 / FORTRAN
System Level: 3

The Labor and Sample Tracking System provides locally controlled storage of environmental sample analysis data. This data is stored until all lab test results for a sample on a site are complete, verified by the lab, and released to the STORET system. LAST provides preprinted field sheets and tracks sample status from before sampling, through all required tests and quality control, until released to STORET. The system also tracks labor by position and activity, project, decision unit, and division. LAST contains 200 programs and modules and produces 100 reports. 125 users use the system, and the database contains approximately 600,000 analytical data items.

System: MINILAST (MINILAST)
Responsible Organization: Region 7 Kansas City
Responsible Person: Bates, Dale (913) 236-3881 FTS: 8-757-3881

Hardware/Software: IBM PC / FOXBASE+
System Level: 4

MINILAST is a PC-based system which provides a subset of the functions available in the Labor and Sample Tracking System (LAST). This system is used as a front end to the LAST system by OSCs and Inspectors out in the field. However, this system could be used as a stand alone sample tracking system. The system's primary use to date has been by OSCs in charge of Dioxin clean-up sites.

System: Nebraska Pesticide Certification Database (APPLICATOR)
Responsible Organization: Region 7 Kansas City
Responsible Person: Callier, Diane (913) 551-7020 FTS: 8-726-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This system houses the names, addresses, and certification information on all certified Nebraska Pesticide Applicators. It also provides certification cards for the applicators.

System: Nebraska Pesticide Dealers (PEST DEAL)
Responsible Organization: Region 7 Kansas City
Responsible Person: Poindexter, C.E. (913) 551-7020 FTS: 8-276-7020

Hardware/Software: IBM Logical Mainframe/Other / FOCUS
System Level: 3

This system annually provides a neutral selection of pesticide dealers in Nebraska for inspection. PEST DEAL tracks inspections and in/out compliance results. It is also used to generate mailing labels.

System: Nebraska Pesticides Dealer Neutral Scheme (DEALERS)
Responsible Organization: Region 7 Kansas City / Dir-Compliance Monitoring
Responsible Person: Callier, Diane (913) 551-7020 FTS: 8-276-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This system was developed to provide a random selection of inspection targets. This database consists of the Pesticide Dealers in the state of Nebraska.

System: Quality Assurance Tracking System (QATS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Wandtke, Jeffrey A. (913) 236-3881 FTS: 8-757-3881

Hardware/Software: IBM PC / dBase III +
System Level: 3

The QATS database is an internal QAMO tracking system designed to monitor the assignment of Quality Assurance (QA) activity numbers, to provide some information on coordination, and to assess performance of QA activities performed by the RQAO, the majority of which are QA document reviews.

System: Region 7 Asbestos in Schools (ASBESTOS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Bradner, Wolfgang (913) 551-7381 FTS: 8-551-7381

Hardware/Software: IBM Logical Mainframe/Other / FOCUS
System Level: 3

ASBESTOS is a tracking system for the management of asbestos sampling, evaluation, and abatement. The system produces a major report showing the status of all sites and each phase of projects with sites. It has a search program capability to allow project managers to quickly look up any site during concerned citizen phone calls. It permits the consolidation/computations on the basis of room, school, or school district.

System: Region 7 FIFRA Neutral Inspection Selection System (FIFR)
Responsible Organization: Region 7 Kansas City
Responsible Person: Callier, Diane (913) 551-7020 FTS: 8-276-7020

Hardware/Software: IBM Logical Mainframe/Other / FOCUS
System Level: 4

The FIFR System enables the user to enter, store, and retrieve pesticide data. FIFR can be used to select pesticide producers for routine neutral inspection and to maintain update statuses of pesticide producers.

System: Region 7 LAN Personnel Locator (R7 LOCATOR)
Responsible Organization: Region 7 Kansas City
Responsible Person: Parke, Dale (913) 551-7222 FTS: 8-276-7222

Hardware/Software: IBM PC / Clipper 5.0
System Level: 3

The R7 Locator is a table browse display of each regional employment showing voice mail number, Email number, building, floor division, branch, section, and phone extension. The system will be accessible to all regional employees with LAN access and will be accessed by the Information Center Support System (ICSS) to get locational information for support calls.

System: Region 7 Nebraska Pesticide Applicator Registration (PEST)
Responsible Organization: Region 7 Kansas City
Responsible Person: Poindexter, C.E. (913) 551-7020 FTS: 8-276-7020

Hardware/Software: IBM Logical Mainframe/Other / FOCUS
System Level: 3

This system records all the pesticide applicators from the state of Nebraska. This allows credentials to be printed and mailed to the individual applicators when they have completed the application and passed the test as required by their application.

System: Region 7 TOSCA Neutral Selection (TNSS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Jackson, Bob (913) 551-7020 FTS: 8-276-7020

Hardware/Software: IBM Logical Mainframe/Other / FOCUS
System Level: 4

The purpose of the TOSCA Neutral Selection System is to provide data retrieval in a random manner from an existing data base by industry type and geographic location.

System: Supply Inventory Tracking System (SITS)
Responsible Organization: Region 7 Kansas City
Responsible Person: Hague, Mark (913) 551-7546 FTS: 8-276-7546

Hardware/Software: IBM PC / dBase III +
System Level: 3

The Supply Inventory system is designed to provide quick, easy access to information on a wide range of office supplies. System generated reports and screen displays detail usage by department or individual, on-hand quantities, ordering alerts and ordering information. All programs are bar code compatible for numeric and alpha-numeric bar codes providing simple error-free data entry.

System: TSCA Neutral Scheme (TSCA PCB)
Responsible Organization: Region 7 Kansas City / Dir-Toxic Substances
Responsible Person: Jackson, Robert (913) 551-7020 FTS: 8-276-7020

Hardware/Software: ES 9000 / FOCUS
System Level: 3

This system provides Region 7 with its random selection of PCB inspection targets.

System: DATASTOR
Responsible Organization: Region 9 San Francisco
Responsible Person: Wilson, Eric (703) 648-4895 FTS: 8-959-4895

Hardware/Software: IBM PC / Basic
System Level: 2

This system is a prompt/menu driven system to allow quick and easy data entry for STORET. Data are internally converted to STORET format so they can be uploaded to the NCC-IBM mainframe without further manipulation. The system can handle all types of water quality data including monitoring station establishment, BTOS field survey data and composite monitoring data. Users can also create and maintain STORET parameter code files to further ease data entry workload. Additionally, they can enter information to create new monitoring stations and enter BIOS field survey data.

System: Equal Opportunity Statistics Reporting System (EEOSYS)
Responsible Organization: Region 9 San Francisco
Responsible Person: de la Cerna, Don (415) 744-169 FTS: 8-484-1699

Hardware/Software: ES 9000, IBM PC / FOCUS
System Level: 3

Mainframe Focus assists in compiling regional equal opportunity information for the FY. The EEO system produces 2 employee listings: 1) alphabetical employee listing for each ethnic category; & 2) alphabetical employee list for each ethnic category w/in each position category. The system also produces reports which count employees according to ethnic group & gender by status/action (employees in place, employees who have left & employees promoted) w/ gender totals & a grand total for status/action. The system produces reports showing the number of employees in place at be ning of current FY, end of quarter, and gains/loss during that period. This information is presented according to grade ranges.

System: FIFRA and Toxics Enforcement System (FATES)
Responsible Organization: Region 9 San Francisco
Responsible Person: Segal, Sara (415) 774-1092 FTS: 8-484-1092

Hardware/Software: ES 9000, IBM PC / dBASE III+
System Level: 3

The FATES system tracks all registered pesticide producing establishments which file a report to EPA by March 1st of each year. Each establishment must report the types and amounts of pesticides and devices being produced and sold or distributed in past year.

System: FTE Glidepath and Staffing Plan (GLIDEPATH)
Responsible Organization: Region 9 San Francisco
Responsible Person: Zelikson, Jeffrey (415) 774-1730 FTS: 8-484-1730

Hardware/Software: IBM PC / Lotus 1-2-3
System Level: 3

This system manages FTE and maintains the current staffing plan. It produces a report which lists actual and projected FTE throughout the fiscal year within the salaries and expenses appropriation, task appropriation and superfund appropriation. The staffing plan (report) lists both the detail and summarized on-board rate in different program elements for each branch and division.

System: LABELS (LABELS)
Responsible Organization: *Region 9 San Francisco*
Responsible Person: Jones, David (415) 974-8344 FTS: 8-454-8344

Hardware/Software: IBM PC / DBASE 3 +
System Level: 3

LABELS is an interactive, menu-driven program that allows the user to print mailing labels on a dot-matrix printer. The user has the ability to select from various label sizes (formats) and select a sort order (i.e., last, company, zip code, etc), to specify subsets of data (i.e., specific zip codes, cities, states, etc.). There is also a user-defined field that allows the user to create his own coding system. Help is available at every stage. The main menu allows you to add, edit, view, delete and print labels, as well as define a reference sheet for any codes the user may need. Plans for updating include printing to laser printers, adding additional formats, 2-level sorting and back-up utilities.

System: Personnel Compensation & Benefits and Full Time Equivalence System (PCB/FTE)
Responsible Organization: Region 9 San Francisco
Responsible Person: McGee, Nora L. (415) 744-1646 FTS: 8-484-1646

Hardware/Software: ES 9000, IBM Logical Mainframe/Other /
JCL, Focus, Syncsort, Bulk Data Transfer
System Level: 3

The PCB/FTE tracks the cost of human resources and FTE and relates them to budget allocations by fixed account number, program element and responsibility center. It monitors the budget and provides up-to-date information regarding year-to-date expenditures and unused allocated resources. It reconciles differences between the actual budget and projections. It also provides the ability to optionally enter anticipated personnel actions and perform "what ...if" scenarios. The PCB/FTE is maintained on a LMF. It is an important budget tracking and projecting tool.

System: Procurement Tracking System (PTS)
Responsible Organization: Region 9 San Francisco
Responsible Person: Norouha, Libby (415) 744-1768 FTS: 8-484-1768

Hardware/Software: ES 9000, IBM PC / dBASE III+, JCL, FOCUS, DOS
System Level: 3

The Procurement Tracking System is a financial management tool to track budget allocation, commitments, obligations, and disbursements for divisions and offices in the region. The Procurement Tracking System includes the funding for LUST, Superfund, S&E, AC&C, etc. This system extracts FMS and ADCR information to produce a detailed report which lists each procurement. The PTS also adds open commitments and obligations and subtracts that amount from the operating plan to give available balances. Superfund layoff, when it applies to the division, is calculated into the available balance.

System: QAMS Status Report
Responsible Organization: Region 9 San Francisco
Responsible Person: Sakamoto, Roseanne (415) 774-1533 FTS: 8-484-1533

Hardware/Software: IBM PC / DBase III+
System Level: 3

This system records the dates and review time for lab data, sample plans and QA project plans, received by the QA Management Section for review.

System: Regional Support Account System (RSA SYSTEM)
Responsible Organization: Region 9 San Francisco
Responsible Person: Norouha, Libby (415) 744-1768 FTS: 8-484-1768

Hardware/Software: ES 9000, IBM PC / dBASE III+, DOS, JCL, FOCUS
System Level: 3

The Regional Support Account System is a financial management tool to track budget allocation, commitments, obligations, and disbursements for the Regional Support Account. (The Regional Support Account includes funding for supplies and equipment, ADP purchases, telecommunications, transportation, regional training, etc.) RSA system extracts FMS and ADCR information to produce a detailed report which lists each procurement. The RSA also adds open commitments and obligations and subtracts that amount from the operating plan to give available balances. Superfund layoff is calculated into the available balance.

System: SIPLOG SIP Revision Tracking Database (SIPLOG)
Responsible Organization: Region 9 San Francisco
Responsible Person: Bohning, Scott (415) 774-1233 FTS: 8-484-1233

Hardware/Software: IBM PC / DBase III+
System Level: 3

SIPLOG tracks the process of making air pollution rules in EPA Region 9. The system contains information that identifies the rule and any Federal Register rulemaking notice of which it is a part. It tracks dates of rule adoption, receipt by the Region, completion of evaluation, and more. SIPLOG allows users to isolate and sort data in various ways and produces reports. Additionally, this system is menu-driven.

System: Travel Tracking System (TTS)
Responsible Organization: Region 9 San Francisco
Responsible Person: Norouha, Libby (415) 744-1768 FTS: 8-484-1768

Hardware/Software: ES 9000, IBM PC / dBASE III+, DOS, JCL, FOCUS
System Level: 3

The Travel Tracking System (TTS) is a financial management tool to track budget allocation, commitments, obligations, and disbursements for the divisions and offices in the region. The travel tracking system includes funding for only travel purposes. TTS extracts FMS and ADCR information to produce a detailed report which lists each trip. The TTS also adds open commitments and obligations and subtracts that amount from the operating plan to give available balances.

System: Region 10 Laboratory Management System (RX75)
Responsible Organization: Region 10 Seattle
Responsible Person: Morris, Tony L. (206) 871-0748 FTS: 8-390-1252

Hardware/Software: Other / Fortran, DCL, Assembler
System Level: 3

The Laboratory Management system tracks lab activities. The Lab requires reports of analysis results and analysis tallies. This system features data entry and edit procedures, report request procedures, and a data-verification procedure. Several tally and backlog reports are available for the lab and for ESD managers. A sample request program generates bench sheets to be used by Lab analysts. A hazardous waste designation utility is available for managing sample disposal. GCMS data can be acquired automatically via formaster.

System: Storage and Retrieval Water Quality Data Base - Region 10 Front-End System (STORET)
Responsible Organization: Region 10 Seattle
Responsible Person: De Bogue, Murray (206) 442-1676 FTS: 8-399-1676

Hardware/Software: IBM Logical Mainframe/Other / CLIST, Dialogue Mgt
System Level: 3

This is the front-end processor for Region X data entry for the STORET system.

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3 - Triana Medical Claims Information System (TRIANA)	155
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System Level - System Name (Acronym) Page

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Publicly Available Systems

The following systems have been identified as "Publicly Available" by their respective system contacts. Other systems in the inventory may also be available to the public, and some systems may provide certain outputs to the public. Please check with the system contact for details.

System Name (Acronym)	Page
(Genetic Activity Profile Data Base) EPA/IARC Computer Program for Display of Short-term Test Activity Profiles (GAP V 3.0)	.61
1985 National Acid Precipitation Assessment Program Emission Inventory (NAPAP)	.61
A Low-Level Radioactive Waste Environmental Transport and Risk Assessment Code (PRESTO-EPA)	.26
Administrative Order Tracking System (AOTS)	129
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GENE-TOX Carcinogen Data Base (GENETOXCAN)	.79
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Hazardous Waste Superfund Collection Database (HAZARD)	.14
Indoor Air Reference Bibliography (IARB)	.82
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Publicly Available Systems (Cont'd)

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Pesticide and Industrial Chemical Risk Analysis and Hazard Assessment (PIRANHA)	.88
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State Dioxin Criteria Tracking System	137
Taxonomic Index File (TAXFILE)	.25
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Toxicologic Interaction Data Base (MIXTOX)	.99

ISI New System Form

System Acronym: Up to 10 characters.

_____

System Level - Circle one.

1. Major Agency Information System
2. Widely Accessed Information System
3. Localized Information System
4. User-Owned Information System

System Name: Up to 160 characters. Do not use abbreviate words unless part of official title.

_____

_____

Organization Name: Up to 160 characters in Office, Division, Branch order. Abbreviate Office.

_____

_____

Responsible Person: Person with management rather than technical responsibility for the system. Up to 30 characters. Last name first.

_____

Phone No: ( )_____

FTS Phone: 8-_____

Mail Code: _____

ICR Number: Note: many systems do not have ICR numbers. 4 characters. _____

Law Number & Law Title: Up to 20 characters for law number, 254 characters for law title.

Law #: _____

Title: _____

_____

Law #: _____

Title: _____

_____

Law #: _____

Title: _____

_____

Purpose of Data Collection: Select up to 3 purposes and designate their priority with "1" as the highest priority.

1 Administrative
2 Development of Regulations or Standards
3 Compliance or Enforcement
4 Trend Assessment
5 Technology Development
6 Risk Assessment
7 Anticipatory/Research
8 Program Evaluation
9 Special Study
10 Analysis
11 Oversight
12 Other

ISI New System Form

Manager Code/RPIO Code/Allowance Holder: Circle the appropriate Manager, RPIO, and Allowance Holder code from this or the following page. Circle only one from each code type.

Manager Code
↓ *RPIO Code*
↓ ↓ Allowance Holder

10 AA-Research and Development
- *26 Asst. Admin. for Research and Development (ORD)*
  - 26 AA-Research and Development
  - 60 Dir-Modeling Monitoring Systems and Quality Assurance
  - 61 Dir-Health Research
  - 62 Dir-Environmental Engineering and Technology Demonstration
  - 63 Dir-Environmental Processes and Effects Research
  - 64 Dir-Health and Environmental Assessment

30 AA-Air and Radiation
- *27 Asst. Admin. for Air & Radiation (OA&R)*
  - 27 AA-Air and Radiation
  - 33 Dir-Radiation Programs
  - 53 Dir-Air Quality Planning and Standards
  - 56 Dir-Mobile Sources
  - 58 Dir-Off Atmosphere and Indoor Air

40 AA-Water
- *30 Asst. Admin. for Water (OW)*
  - 30 AA-Water
  - 23 Dir-Water Enforcement
  - 28 Dir-Water Regulations and Standards
  - 29 Dir-Municipal Pollution Control
  - 40 Dir-Drinking Water
  - 86 Dir-Ground Water
  - 87 Dir-Marine and Estuarine Management
  - 89 Wetlands

Manager Code
↓ *RPIO Code*
↓ ↓ Allowance Holder

50 AA-Administration and Resources Management
- *16 Asst. Admin. for Administration & Resources Mgmt. (OARM)*
  - 16 AA-Administration and Resources Management
  - 42 Comptroller
  - 51 Dir-Administration
  - 57 Dir-Administration-SLUC
  - 52 Dir-Administration-Cincinnati
  - 54 Dir-Administration-RTP
  - 55 Dir-Information Resources Management
  - 85 Dir-Office of Human Resources Management

55 AA-External Affairs
- *15 Asst. Admin for External Affairs (OEA)*
  - 15 External Affairs (OEA)

60 Administrator/Staff
- *11 Administrator/Staff (ADM/Staff)*
  - 11 Administrator/Staff Offices

65 Inspector General
- *35 Inspector General (OIG)*
  - 35 Inspector General

70 AA-Pesticides and Toxic Substances
- *20 Asst. Admin. for Pesticides and Toxic Substances (OPTS)*
  - 20 AA-Pesticides and Toxic Substances
  - 32 Dir-Pesticides Program
  - 69 Dir-Toxic Substances
  - 71 Association AA-Toxic Integration
  - 83 Dir-Compliance Monitoring

ISI New System Form

Manager Code/RPIO Code/Allowance Holder: Circle the appropriate Manager, RPIO, and Allowance Holder code from this or the previous page. Circle only one from each code type.

Manager Code
↓ *RPIO Code*
↓ ↓ Allowance Holder

75 AA-Solid Waste and Emergency Response

75 Asst. Admin. for Solid Waste & Emergency Response (OSWER)

- 75 AA-Solid Waste and Emergency Response
- 81 Dir-Waste Programs Enforcement
- 31 Dir-Solid Waste
- 72 Dir-Emergency and Remedial Response
- 88 Office of Underground Storage Tanks

80 AA-Enforcement

77 Asst. Admin. for Enforcement (OE)

- 77 AA-Enforcement
- 50 Dir-National Enforcement Investigations Center - Denver
- 36 Dir-Federal Activities

85 General Counsel

39 General Counsel (OGC)

- 39 General Counsel

90 AA-Policy, Planning, and Evaluation

41 Asst. Admin. for Policy, Planning and Evaluation (OPPE)

- 41 AA-Policy, Planning, and Evaluation
- 43 Dir-Policy Analysis
- 44 Dir-Standards and Regulations
- 45 Dir-Management Systems and Evaluation

Manager Code
↓ *RPIO Code*
↓ ↓ Allowance Holder

xx For each system use the appropriate Manager Code that identifies the responsible Assistant Administrator level organization.

1 Region 1 Boston
1 Region 1 Boston

2 Region 2 New York
2 Region 2 New York

3 Region 3 Philadelphia
3 Region 3 Philadelphia

4 Region 4 Atlanta
4 Region 4 Atlanta

5 Region 5 Chicago
5 Region 5 Chicago

6 Region 6 Dallas
6 Region 6 Dallas

7 Region 7 Kansas City
7 Region 7 Kansas City

8 Region 8 Denver
8 Region 8 Denver

9 Region 9 San Francisco
9 Region 9 San Francisco

10 Region 10 Seattle
10 Region 10 Seattle

80 Regions Total
90 Regions Total

ISI New System Form

Source of Data: Circle up to 3 sources.

1 Required Reporting Entities
2 Other Data Systems
3 Literature
4 EPA
5 Other Government Agencies (Federal, State, Local)
6 Other Nongovernment Entities
7 Other

Update Cycle: Circle 1 cycle from the list.

1 Daily
2 Weekly
3 Biweekly
4 Monthly
5 Bimonthly
6 Quarterly
7 Semiannually
8 Annually
9 Biannually
10 Other

System Status: Circle 1 status from the list.

1 Planned
2 Under Development
3 Operational/Active
4 Archived/Completed
5 Inactive/On Hold

Confidentiality: Circle up to 2 items.

1 None
2 Update Restrictions
3 Access Restrictions
4 Update/Access Restrictions
5 Confidential Business Information
6 Privacy Act Sensitive
7 Internal EPA Use Only
8 Publicly Available

Access for Input: Circle 1 input method.

1 Batch
2 Interactive
3 Batch & Interactive
4 Other

Access for Output: Circle 1 output method.

1 Batch
2 Interactive
3 Batch & Interactive
4 Other

Computer Type: Circle up to 3 computers.

1 IBM 3090
2 IBM PC
3 IBM Logical Mainframe/Other
4 PRIME
5 DEC 11/70
6 DEC 11/780
7 SPERRY 1100/82
8 Other
9 Apple Macintoth

Manual/Automated: Circle 1 item.

1 Manual
2 Automated
3 Manual & Automated

Software System: DBMS(s) and/or programming language(s). For DBMS list DBMS first, followed by programming language. Up to 45 characters.

_____

ISI New System Form

Classification: Describes system content. Circle up to 4 of the 11 broad subject classifications and up to 3 subclassifications for each classification.

Classification
↓ Subclassification

1 AIR
- 1 Facilities, Municipal
- 2 Facilities, Industrial
- 3 Mobile Source
- 4 Environmental Data
- 5 Models
- 6 Reporting/Assessment
- 7 Emissions
- 8 Treatment
- 9 Health Effects
- 10 Testing Data

2 WATER
- 1 Drinking Water
- 2 Facilities, Municipal
- 3 Facilities, Industrial
- 4 Construction Grants
- 5 Models
- 6 Effluents
- 7 Environmental Data
- 8 Reporting/Assessment
- 9 Treatment
- 10 Spills
- 11 Groundwater
- 12 Aquatic Biology

3 RADIATION

4 HAZARDOUS AND SOLID WASTE
- 1 Spills
- 2 Emergency Response
- 3 Site
- 4 Sludge
- 5 Environmental Data
- 6 Reporting/Assessment
- 7 Treatment
- 8 Models
- 9 Disposal
- 10 Transportation
- 11 Health Effects
- 12 Waste Management
- 13 Facilities, Waste Gen.

Classification
↓ Subclassification

5 PESTICIDES AND TOXIC SUBSTANCES
- 1 Pesticides Specific
- 2 Toxic Specific
- 3 Industry Reporting
- 4 Health Effects
- 5 Inspection
- 6 Testing Data
- 7 Chemical
- 8 Model

6 NOISE

7 ADMINISTRATIVE
- 1 Personnel and Payroll
- 2 Grants and Contracts
- 3 Library and Bibliographic
- 4 Correspondence
- 5 Budget
- 6 Accounting
- 7 Office Automation
- 8 Financial Management
- 9 Property Management
- 10 ADP Management
- 11 Management Systems

8 ENFORCEMENT AND COMPLIANCE
- 1 Monitoring
- 2 Permits
- 3 Docket

9 RESEARCH AND DEVELOPMENT
- 1 Health Effects
- 2 Models
- 3 Laboratory Systems
- 4 Quality Control
- 5 Environmental Data

10 STANDARDS AND REGULATIONS

11 POLICY, PLANNING, AND EVALUATION
- 1 Policy Analysis
- 2 Evaluation
- 3 Economics
- 4 Models

ISI New System Form

Related Systems: Provide the name(s) of related systems (up to 160 characters).

_____

_____

Keywords: Circle up to 18 keywords from list and/or provide unique keywords.

1 Environmental Effects
2 Environmental Releases
3 Health Effects
4 Physical-Chemical Properties
5 Test/Analysis Method
6 Transformation Rates
7 Climate
8 Ground Water
9 Sediment
10 Soil
11 Surface Water
12 Biological
13 Chemical
14 Compliance
15 Economic
16 Exposure
17 Model
18 Noise
19 Physical
20 Body Burden
21 Drinking Water
22 Population, Human
23 Population, Nonhuman
24 Chemical Use
25 Discharge Points
26 Geographic Codes
27 Geographic Coordinates
28 Manufacturing
29 Monitoring
30 Non-Point Source
31 Point Source
32 Processing
33 Production Volume
34 Site Characteristics
35 Storage
36 Transportation
37 Treatment/Disposal

_____

_____

_____

Abstract: Provide a short paragraph (of up to 800 characters) that defines the system.

_____

_____

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