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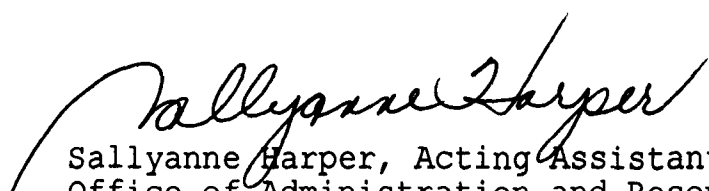WASHINGTON, D.C. 20460

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Dedication

The U.S. Environmental Protection Agency (EPA) developed the Information Systems Inventory (ISI) for use by its personnel, its governmental partners and clients, and the public. The purpose of the ISI is to provide an index and pathfinder to EPA's computer-based information systems and applications. The ISI describes approximately 500 EPA systems, databases, models, modules, and other computer applications, and gives the name and phone number of someone to contact for further information about each entry.

A greater awareness of the variety and content of EPA's information systems can encourage improved, more cost-effective data gathering, integration, and sharing among Agency program managers. This is important because we must use our limited resources more efficiently. In addition, public access to information strengthens EPA's ability to fulfill its mission. Informed citizens can more fully participate in critical environmental decisionmaking and provide the Agency with the feedback necessary to better manage our programs.

To ensure that individuals and communities can more effectively locate information about EPA computer systems, we have made the Information Systems Inventory available through the National Technical Information Service and Federal Depository Libraries. We have also made key parts of the Inventory available on-line via the Internet.

The ISI is the definitive source of summary information about EPA systems. I am pleased to announce this new, updated 1993 edition. We welcome your comments on its utility and value, and invite suggestions for its improvement.

Sallyanne Harper, Acting Assistant Administrator
Office of Administration and Resources Management
U.S. Environmental Protection Agency

PREFACE

Thank you to the 500 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 (Mail Code 3404)
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 to solicit information on new systems developed since the last Inventory was compiled.

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 three 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.

These indexes can help you search through the systems inventory. More powerful searching capabilities are possible using the electronic version of the inventory, which is available in 3.5" disk format from NTIS for use on DOS-based personal computers. A PC User's Guide has been developed for use with this product.

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 at a given point in time. 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. The ISI can be placed on local area networks, running either under Microsoft 'WINDOWS', or using the WordPerfect shell. The Macintosh version of the ISI is no longer available. 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 for the items available are as follows:

- **Automated Personal Computer Version**
  (PB-94-500501) -- Includes:
  - Diskette of ISI database and search programs
  - Hardcopy of ISI (PB-94-107711
  - PC Version User's Guide (PB-94-104783)

- **Hardcopy of ISI** (PB-94-107711)

- **PC Version User's Guide** (PB-94-104783)

ISI Indexed by Responsible Organization

System: ADP BUDGET PLANNING SYSTEM (APS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Carpentier, Michael   (202) 260-2415

Hardware/Software: IBM ES/9000   /   MAINFRAME FOCUS
System Level: 2

    This system is the Office of Information and Resources Management's
    principal tool for responding to the annual ADP budget reporting
    requirements of OMB Circular A-11, Exhibit 43A. The system is also
    a useful management tool for Agency expenditures. The system is
    accessible by all EPA offices in Headquarters and in the Regions.

System: ADVANCED INFORMATION SYSTEM FOR CAREER MANAGEMENT (AISCM)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   INFO (4TH GENERATION LANGUAGE)
System Level: 3

    AISCM contains all formal and informal training data for all OAM
    and Regional Contracts personnel. 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.

System: ARCS CONTRACT TRACKING SYSTEM (ACT)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Boyd, David   (202) 260-9964

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
    FOXPRO
System Level: 0

    The ARCS Tracking System tracks work assignments and other
    contractual actions that relate to the ARCS contracts.

System: ASBESTOS RECEIVABLE TRACKING SYSTEM (ARTS)
Responsible Organization:
     AA-Administration and Resources Management (OARM)   /
     Comptroller
Responsible Person: Norland, Shelly   (702) 798-2499

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 1

     ARTS provides the subsidiary ledger for loans to the Integrated
     Financial Management System, provides for 20 year long-term loans,
     collection disbursement tracking, billing and reminder notices and
     provides detail supporting data for internal and external reports
     regarding asbestos loans for OMB, Treasury and congressional
     purposes. Also provides for the tranche interest tracking in
     direct concert to the Credit Reform Act of 1990 for direct loans.

System: AUDIT TRACKING SYSTEM (AUDIT)
Responsible Organization:
     AA-Administration and Resources Management (OARM)   /
     Dir-Administration
Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   INFO (4TH GENERATION PROGRAMMING
     LANGUAGE)
System Level: 3

     The Audit Tracking System tracks pre-awards, close-out, and
     indirect audits that require a DCAA account number for Washington,
     RTP, and Cincinnati. The system will be removed in its entirety
     from the Prime System and Archives in FY 93.

System: AUTOMATED DOCUMENT CONTROL REGISTER (ADCR)
Responsible Organization:
     AA-Administration and Resources Management (OARM)   /
     Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible   /   DBASE ON
     PC
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:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Kranda, James   (202) 260-8289

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 documenta-
    tion 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 also collects and ships contract-related data to the CIS
    and is used for milestone tracking on in-process contract actions.

System: BUILDING SERVICES DESK SYSTEM (BSD)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III +, CLIPPER
System Level: 3

    The BSD system is used to track trouble calls within Headquarters.
    The system tracks calls such as heating/cooling, rodents, etc.,
    problems within the building and also tracks solutions to those
    problems by town center Management.

System: CLEANING TRACKING SYSTEM (CLEAN)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone   /   DBASE III+, CLIPPER
System Level: 3

    The Cleaning Tracking System tracks information on cleaning con-
    tracts within headquarters and the service program offices are
    being provided.

System: COMBINED PAYROLL REDISTRIBUTION AND REPORTING SYSTEM (CPARS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM ES/9000   /   ADABAS/NATURAL
System Level: 1

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

System: CONFERENCE SCHEDULER/AUDIO VISUAL SYSTEM (CSS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   DBASE III+,
   CLIPPER
System Level: 3

> The Conference Scheduling / Audio Visual System is used to track
> and monitor the use of conference rooms within the metropolitan
> area by EPA. The system also tracks and monitors the use of
> audio visual equipment by EPA personnel.

System: CONFLICT OF INTEREST NATIONAL SYSTEM (COINS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Administration
Responsible Person: McWhirter, Calvin C.   (202) 260-9165

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
   FOXPRO
System Level: 3

> COINS will support the EPA procurement and management of EPA
> contracts by providing decision tracking and decision support
> capabilities for managing organizational conflicts of interest.

System: CONTRACT DELIVERY ORDER TRACKING SYSTEM (CDOTS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   COBOL, FORTRAN, & COMMAND PROGRAMMING
    LANG.
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:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration-RTP
Responsible Person: Schur, Dennis A.   (919) 541-3042

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

    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:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Dockery, Kathy   (202) 260-5605

Hardware/Software: IBM ES/9000   /   SYSTEM 2000, COBOL/PLEX
System Level: 2

    This system contains data relating to contractor status, socio-
    economic status, limited financial information, and other procure-
    ment-related information on all contracts and contract actions
    (modifications, delivery orders) processed by OAM. Limited
    milestone information is also available (see APDS for detailed
    milestone information). Descriptive data, such as contract title,
    is also on the CIS.

System: CRITICAL MAIL TRACKING SYSTEM (CMTS)
Responsible Organization:
AA-Administration and Resources Management (OARM)   /
Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III +, CLIPPER
System Level: 3

The Critical Mail Tracking System is used to track packages that arrive to Headquarters via couriers such as Federal Express.

System: DOCK FREIGHT SYSTEM (DFS)
Responsible Organization:
AA-Administration and Resources Management (OARM)   /
Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone   /   DBASE III +, CLIPPER 5.0
System Level: 3

The DFS is used to track all incoming/outgoing freight such as furniture, publications, supplies, and computers that are delivered to the Hubbard Rd. Warehouse.

System: DOCUMENT FUNDING TRACKING SYSTEM (DCN LOG)
Responsible Organization:
AA-Administration and Resources Management (OARM)   /
Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   C++, DATABOSS
System Level: 0

The Document Funding Tracking Log tracks funding documents and their status as they travel within FMSD and OA (Office of Administration).

System: DRIVER TRACKING SYSTEM (DTS)
Responsible Organization:
AA-Administration and Resources Management (OARM)   /
Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone   /   DBASE III+; CLIPPER 5.0;
FOXPRO
System Level: 3

The driver tracking program is used to track and monitor the use of executive vehicles within headquarters.

System: ENVIRONMENTAL FINANCING INFORMATION NETWORK (EFIN)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Comptroller
Responsible Person: Hannigan, Vera   (202) 260-6685

Hardware/Software: Other   /
System Level: 2

EFIN provides information on financing alternatives for state and
local environmental programs and projects in abstracts of
publications, case studies and contracts. EFIN services include an
on-line database, electronic bulletin board, hotline, and distribu-
tion of EPA publications pertaining to financing. Intended users
are state and local officials and those assissting them. Potential
users helped plan EFIN. EFIN is accessed through electronic
information systems that currently meet state and local officials'
information needs. These systems are the Local Exchange (LEX),
operated by Public Technology Inc. (202/626-2400); LEGISNET,
operated by the National Conference of State Legislators (303/830-
2200); and Government Finance Information Network (312/977-9700).

System: ENVIRONMENTAL PRIORITIES INITIATIVE TRACKING SYSTEM (EPITS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Information Resources Management
Responsible Person: Beer, Warren   (415) 744-1768

Hardware/Software: IBM PC Stand Alone   /   DBASE III +
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 (RCRA) rank, Hazard scores, assessment date,
review date, site investment data, and priority code for different
states. The system has "UPDATE", "SEARCH", "HELP", and "REPORT"
capabilities.

System: EPA ADP PROCUREMENT EXPERT (ADP-EXPERT)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Administration-RTP
Responsible Person: Harris, Theodore R.   (919) 541-2538

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone, SPERRY
   1100/82   /   DBASE III+, EXSYS
System Level: 3

   The ADP Procurement Expert is a PC and PC LAN-based expert system
   application. It provides information for ordering on all IRM con-
   tracts. This includes PCs, workstations, Unix Workstations and
   Servers, LAN servers and all IRM Support Service Contracts. It
   also provides step-by-step advice on applicable procurement proce-
   dures and approval requirements called for in the FIRMR, FAR, and
   the OIRM Policy Directives.

System: EPA INFORMATION SYSTEMS INVENTORY (ISI)
Responsible Organization:
   AA-Administration and Resources Management (OARM)
Responsible Person: Hufford, Steve   (202) 260-9732

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
   CLIPPER
System Level: 2

   The EPA Information Systems Inventory is maintained on an IBM PC
   and currently holds roughly 650 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 follow-
   ing 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 PARKING TRACKING SYSTEM (EPA-PTS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Bowlding, Dione   (202) 260-2088

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER
System Level: 3

> The Parking Management System is a computer program written in
> Clipper 5.0 and designed to run on IBM PC 386s and compatible com-
> puters. It can run as a single-user stand-alone program, or it can
> be run in a multi-user LAN environment. The program is designed to
> provide a simple self-explanatory menu system through which its
> users can collect, maintain, and query or report on data concerning
> the people who hold permits to park vehicles in the EPA Headquar-
> ters parking lots. It keeps records on the collection of monthly
> parking fees. It records parking rule violations. It allows
> parking officials to look up other information about permit holders
> if their name, permit number, or license plate number is known. It
> prints a number of lists and reports which are useful to the FMSD.

System: EPA PAYROLL SYSTEM (EPAYS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM 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 infor-
> mation to meet management and regulatory reporting requirements.

System: EPA RTP LOCATOR SYSTEM (FMSR)
Responsible Organization:
AA-Administration and Resources Management (OARM)   /
Dir-Administration-RTP
Responsible Person: Ritch, Linda   (919) 541-7541

Hardware/Software: IBM PC LAN Compatible   /   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:
AA-Administration and Resources Management (OARM)   /
Dir-Administration-RTP
Responsible Person: Rogers, Tom   (919) 541-2377

Hardware/Software: VAX   /   BLISS
System Level: 2

The system is the DEC All-IN-1 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. With the All-In-1 system, users can be instantly in
touch with Agency personnel, activities, etc. The capability for
interagency communications through INTERNET or (X.400) is also
provided.

System: FACILITIES ALTERATIONS TRACKING SYSTEM (FATS)
Responsible Organization:
AA-Administration and Resources Management (OARM)
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+, CLIPPER
System Level: 3

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

System: FACILITIES AND COMPANY TRACKING SYSTEM (FACTS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Bullock, Christopher   (703) 235-5599

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

> This system allows read-only access to the Duns Marketing
> Information File for Regulatory Impact Analyses.
> As of Fall 1993, the FACTS data have been fully incorporated
> into FINDS, version 2.0 .

System: FACILITIES INDEX SYSTEM (FINDS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Bullock, Christopher   (703) 235-5599

Hardware/Software: IBM ES/9000   /
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" determina-
> tion, risk analysis, etc.

System: FACILITIES MANAGEMENT SYSTEM 1995 (FMS 1995)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DECISION NOT MADE AT THIS
    TIME.
System Level: 2

> The FMS will incorporate all aspects and functions of the facili-
> ties operations branch. The system will be responsible for space
> within the agency and how construction will effect the space envi-
> ronmentally. The system will also supply floorplans that document
> all projects within headquarters.

System: FINANCIAL MANAGEMENT SYSTEM (FMS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM 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.
    Old financial system still being used for specialized reporting
    functions. Mirrors data from IFM from 3/89 to present (11/92).

System: FOUNDATION INFORMATION FOR REAL PROPERTY MANAGEMENT (FIRM)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

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

    FIRM is used to track GSA rental charges to the EPA on GSA leased
    facilities. The system also tracks basic information on space,
    personnel and capital improvements on both EPA owned and leased
    data.

System: GEOGRAPHIC RESOURCES INFORMATION AND DATA SYSTEM (GRIDS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Pease, Robert   (703) 235-5587

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible, VAX   /   FOCUS, PL1,
    SAS
System Level: 2

    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 INFORMATION & CONTROL SYSTEM (GICS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Cody, Marian   (202) 260-9273

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN
    Compatible   /   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 (HWSFD)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Annand, Suzanne   (202) 260-8298

Hardware/Software: IBM PC Stand Alone, IBM ES/9000   /   DBASE, FOLIO-VIEWS,
    BASIS
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: INFOTERRA INTERNATIONAL DIRECTORY OF SOURCES (INFOTERRA)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: McNamara, Emma   (202) 260-1522

Hardware/Software: IBM PC Stand Alone   /
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
> consulting firms. The primary instrument for accessing the sources
> of information is the International Directory of Sources, which
> exists in both printed and diskette forms.

System: INTEGRATED CONTRACTS MANAGEMENT SYSTEM (ICMS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Farris, Tim   (202) 260-6303

Hardware/Software: IBM PC LAN Compatible, IBM ES/9000   /   TBD
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, monitor-
> ing, financial accountability, organizational conflict of interest
> determination and contract work assignment performance.

System: INTEGRATED FINANCIAL MANAGEMENT SYSTEM (IFMS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM ES/9000   /   ADABAS/NATURAL, COBOL
System Level: 1

> IFMS was designed expressly for government financial accounting and
> supports GAO Title 2 requirements, OMB internal control require-
> ments 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: INTERLIBRARY LOAN COPYWRITE (NONE)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Griffith, Cindy   (513) 569-7702

Hardware/Software: IBM PC Stand Alone   /   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.

System: INTERNATIONAL REGISTER OF POTENTIALLY TOXIC CHEMICALS (IRPTC)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Battin, Andrew T.   (202) 260-5109

Hardware/Software: IBM PC LAN Compatible, IBM ES/9000   /
    ADABAS,NATURAL1 (MAINFRAME); CLIPPER, C+ (PC)
System Level: 2

    The International Register of Potentially Toxic Chemicals is a
    program activity of the United Nations Environment Program (UNEP)
    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:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   INFO (4TH GENERATION LANGUAGE)
System Level: 3

    The inventory system tracks all OAM 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: MAIL DISTRIBUTION SYSTEM (EPAYS/POLS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone   /   DBASE III+, CLIPPER
System Level: 2

    The mail distribution system is used to run mass mailings within
    the Agency by downloading information from EPAYS or mailing lists
    supplied by the program offices.

System: MANAGEMENT ACCOUNTING REPORTING SYSTEM (MARS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM ES/9000   /   ADABAS/NATURAL
System Level: 1

    This system is an ad hoc reporter for the Agency's financial
    systems.

System: MANAGEMENT AUDIT TRACKING SYSTEM (MATS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Van Horn, Steve   (202) 260-4227

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, 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: PARKING PERMIT TRACKING SYSTEM (PARK)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+; CLIPPER 5.0
System Level: 3

    The parking permit system tracks information on all the carpools
    within the agency using the EPA parking lot. The system also
    tracks payments for the parking permits.

System: PEREGRINE NETWORK MANAGEMENT SYSTEM (PNMS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Buckner, George   (919) 541-3655

Hardware/Software: IBM ES/9000   /   PEREGRINE LANGUAGE; MAINFRAME (MVS);
    IBM   .
System Level: 3

    This system is used primarily for order tracking and network
    documentation as part of NCC facility management support.

System: PERFORMANCE APPRAISAL SYSTEM (PAS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Information Resources Management
Responsible Person: Clugston, William C.   (202) 260-7545

Hardware/Software: IBM PC Stand Alone   /   CLIPPER 5.0/POST SCRIPT
System Level: 4

    The Performance Appraisal System stores and generates performance
    evaluations within a division or office of the agency.

System: PERSONAL PROPERTY ACCOUNTABILITY SYSTEM (PPAS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Dellapenta, Dan   (202) 260-1523

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   MAINFRAME AND 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: PHOTOCOPY SUPPLY SYSTEM (SUPPLY)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+, CLIPPER 5.0
System Level: 3

    The Photocopy Supply System is used to track photocopier supplies
    for the photocopy centers within Headquarters.

System: PM PHOTOCOPY MANAGEMENT SYSTEM (PMS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+; CLIPPER 5.0
System Level: 3

The photocopy management system helps to track maintenance costs associated with photocopiers located in the photocopy centers within headquarters.

System: PRINTING TRACKING SYSTEM (PTS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+, CLIPPER
System Level: 3

The Printing Tracking System tracks the progress of print jobs requested by program offices to the print shop at headquarters.

System: PROJECT OFFICER RECORD SYSTEM (PORS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /

Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   INFO (4TH GENERATION PROGRAMMING
    LANGUAGE)
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:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+, CLIPPER
System Level: 3

The PTS will be used to track ongoing projects within FMSD.

System: REAL ESTATE DATABASE SYSTEM (REDS)
Responsible Organization:
      AA-Administration and Resources Management (OARM)   /
      Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC LAN Compatible   /   DBASE IV
System Level: 0

      REDS will be used to monitor and hold data on all facilities within
      EPA. FIRM (developed by GSA) was not user-friendly and was diffi-
      cult for management reporting purposes.

System: ROUTING SLIP MACHINE (RSM)
Responsible Organization:
      AA-Administration and Resources Management (OARM)   /
      Dir-Information Resources Management
Responsible Person: Clugston, William   (202) 260-7545

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
      VISUAL BASIC; WINDOW 3.1
System Level: 4

      The Routing Slip Machine (RSM) is an electronic version of the
      Optional Form 41 (Rev. 7-76) Routing and Transmittal Slip.

System: SMALL PROCUREMENT AUTOMATED TRACKING SYSTEM (SPATS)
Responsible Organization:
      AA-Administration and Resources Management (OARM)   /
      Dir-Information Resources Management
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 MANAGEMENT SYSTEM (SPAMS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Administration
Responsible Person: Sykes, John   (202) 260-8644

Hardware/Software: PRIME   /   COBOL, FORTRAN, CPL, MIDAS
System Level: 2

   The Small Purchase Automated 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 com-
   pletion dates and establish leadtimes. SPAMS also prints purchase
   orders and provides management reports.

System: SPECIAL PACKAGE FOR UNIQUE REPORTS (SPUR)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Dir-Information Resources Management
Responsible Person: Farmer, Robert   (202) 260-5148

Hardware/Software: IBM ES/9000   /   IBM MAINFRAME IRS/PL1
System Level: 2

   SPUR was the agency's official financial report system under our
   old Finance system. In 1989 EPA purchased IFMS from American
   Management Systems and a new reporting system was developed as the
   official report writer. SPUR is still in use today as the vehicle
   for all historical reporting and there is a study under way to
   enhance our other report system for historical reporting and
   allowing us to get rid of SPUR.

System: SUPERFUND COST RECOVERY IMAGE PROCESSING SYSTEM (SCRIPS)
Responsible Organization:
   AA-Administration and Resources Management (OARM)   /
   Comptroller
Responsible Person: Young, Charles   (202) 260-6890

Hardware/Software: Other   /   ELEC. FILE CABINET, QUADBASE
System Level: 2

   SCRIPS (Superfund Cost Recovery Image Processing System) is
   a document imaging system designed to store and retrieve Agency
   Superfund site documents for use in cost recovery activities.
   This imaging system maintains facsimiles of accounting records and
   is linked to a Superfund cost recovery tracking system (SCORES),
   which operates on the Agency's local area networks.
   Document images in SCRIPS are stored at Regional offices and
   at EPA's National Computer Center. IBM's AS/400 minicomputer is
   the major hardware platform for the system.

System: SUPPLY STORE SYSTEM (SSS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Posey, Connie I.   (202) 260-2156

Hardware/Software: IBM PC Stand Alone   /
System Level: 3

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

System: TIME & ATTENDANCE PERSONNEL & PAYROLL (TAPP)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Comptroller
Responsible Person: Cluck, Robert   (202) 260-5107

Hardware/Software: IBM ES/9000   /   ADABAS/NATURAL
System Level: 0

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: TIME SHARING SERVICES MANAGEMENT SYSTEM ONLINE REGISTRATION
    SYSTEM (TSSMS-ORS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration-RTP
Responsible Person: Watson, Ernest C.   (919) 541-2143

Hardware/Software: IBM ES/9000   /   FOCUS
System Level: 1

The TSSMS online registration system provides registration and sys-
tem access across all EPA program offices on major hardware plat-
forms for EPA. The system includes the assignment of a user-id
including name, office, address, and telephone number, employee
type and status for all personnel accessing the IBM ES/9000, VAX
Scientific Cluster and the Bay City Supercomputer along with the
EPA billable accounts associated with each. For each EPA billable
account information includes the EPA organization code, the FMS
accounting code, the ADP Coordinator, the EPA account manager, a
title for the account, the billable account number (4-character for
IBM and 10-character for VAX and Supercomputer), and the status.
System now provides automated IBM RACF entries made by EPA RSA's.

System: WAREHOUSE INVENTORY SYSTEM (WIS)
Responsible Organization:
    AA-Administration and Resources Management (OARM)   /
    Dir-Administration
Responsible Person: Martin, Margaret   (202) 260-4605

Hardware/Software: IBM PC Stand Alone   /   DBASE III+, CLIPPER
System Level: 3

    The WIS system is used to track shipments arriving to the Agency
    at HQ from Hubbard Road Warehouse.

System:
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Baldridge, Ellen   (919) 541-5684

Hardware/Software: IBM ES/9000, VAX, SUN Sparc   /   FORTRAN, SAS/BASE, SAS/GRAPH,
    SAS/AF
System Level: 2

    The UAM is a three-dimensional photochemical grid model designed to
    calculate the concentrations of both inert and chemically reactive
    pollutants by simulating the physical and chemical processes in the
    atmosphere that affect pollutant concentrations. The basis for the
    UAM is the atmospheric diffusion or species continuity equation.
    This equation represents a mass balance in which all of the
    relevant emissions, transport, diffusion, chemical reactions, and
    removal processes are expressed in mathematical terms. The model
    is usually applied to an 8- to 72-hour period during which adverse
    meterological conditions result in elevated pollutant concentra-
    tions of the chemical species of interest.

System: A LOW-LEVEL RADIOACTIVE WASTE ENVIRONMENTAL TRANSPORT AND RISK
    ASSESSMENT CODE (PRESTO-EPA)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: Hung, Cheng-Yeng   (202) 233-9204

Hardware/Software: IBM ES/9000   /   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: ACID RAIN DATA SYSTEM -- ALLOWANCE TRACKING SYSTEM (ARDS/ATS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Atmosphere and Indoor Air
Responsible Person: Salpeter, Alexander   (202) 233-9157

Hardware/Software: IBM ES/9000   /   DB/2; COBOL
System Level: 1

    The Allowance Tracking System provides for implementation of Title
    IV of the Clean Air Act, dealing with control of acid deposition.
    This system is the cornerstone of the program, in providing track-
    ing and accounting of allowances (the right to emit 1 ton of SO2.)
    -- the first major "market-based" regulatory program.

System: ACID RAIN DATA SYSTEM -- EMISSIONS TRACKING SYSTEM (ARDS/ETS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Atmosphere and Indoor Air
Responsible Person: Moritz, Larry   (202) 233-9144

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN
    Compatible   /   COBOL; ADABAS
System Level: 1

    The Emissions Tracking System provides EPA with capability for
    capturing and validating emissions from sources regulated under
    Title IV, Acid Rain Deposition, of the Clean Air Act. It provides
    for capture and review of hourly emissions on a parameter-by-
    parameter basis (SO2 and NOx concentration; and data on performance
    of continuous emissions monitoring systems).

System: ACID RAIN DATE SYSTEM -- PERMITS MONITORING CERTIFICATION
    TRACKING SYSTEM (ARDS-PMCTS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Atmosphere and Indoor Air
Responsible Person: Salpeter, Alexander   (202) 233-9157

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
    FOXPRO
System Level: 2

    The PERMITS system tracks applications for permits order Title IV,
    Acid Rain Deposition, of the Clean Air Act. It provides for
    capture of core information on compliance options chosen; and,
    milestones in the review of the application until a permit is
    issued.

System: AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Link, Tom   (919) 541-5456

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible, IBM PC Stand
    Alone   /   ADABAS/NATURAL
System Level: 1

> 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. Extensive
> summary and on-line graphics available.

System: AIRBORNE PARTICULATE AND PRECIPITATION DATA (ERD)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: Petko, Charles   (205) 270-3411

Hardware/Software: VAX   /   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 pro-
> vided. 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: AN OPERATION SYSTEM FOR PREDICTING MAXIMUM INDIVIDUAL DOSE
    FROM SHALLOW TRENCH OPERATION (PRESTO-CPG)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: Hung, Cheng-Yeng   (202) 233-9204

Hardware/Software: IBM PC Stand Alone   /   FORTRAN & BASIC
System Level: 2

> The PRESTO-EPA-CPG model is designed to calculate the maximum indi-
> vidual dose resulting from the disposal of low-level radioactive
> waste in a shallow trench. The model is a system model which
> employed simple radionuclide transport and exposure submodels. The
> operation system includes a user-friendly interface software de-
> signed to assist users to prepare the input files required to exe-
> cute the main program.

System: AN OPERATION SYSTEM FOR PREDICTING THE POPULATION HEALTH
    EFFECTS FROM SHALLOW TRENCH OPERATION (PRESTO-POP)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: Hung, Cheng-Yeng   (202) 233-9204

Hardware/Software: IBM PC Stand Alone   /   FORTRAN & BASIC
System Level: 2

    The PRESTO-EPA-POP model is designed to calculate the population
    health effects resulting from the disposal of low-level radioactive
    waste in a shallow trench. The model is a system model which em-
    ployed simple radionuclide transport and exposure submodels. The
    operation system includes a user-friendly interface software de-
    signed to assist users to prepare the input file required to exe-
    cute the main program.

System: ANN ARBOR AP-42 PROGRAM (APGR)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Newell, Terry   (313) 668-4462

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

    The MOBILE5.0 computer model calculates hydrocarbon (HC), carbon
    monoxide (CO), and oxides of nitrogen (NOx) emission factors for
    highway vehicles. The model is used in developing the highway
    vehicle mobile source portion of AP-42 Vol.II. The model is used
    by all states and local air pollution control agencies in develo-
    ping SIPs, EISs, and evaluations of air pollution control strate-
    gies. It is the approved EPA model for prediction of highway
    vehicle emission factors.

System: ANN ARBOR IN-USE TEST DATA SYSTEM (IUTD)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Pidgeon, Bill   (313) 668-4416

Hardware/Software: Other   /   UNIVERSITY OF MICHIGAN DBMS-MICRO
System Level: 2

    The IUTD consists of emissions measurements and associated data
    obtained from tests of randomly selected, public-owned and
    operated cars and trucks. This data base is the primary source
    of information used to develop the mobile source emission factor
    model (currently MOBILE5.0), I/M effectiveness estimates, and
    anti-tampering credits. Most of the data are collected through
    the Emission Factor Program, conducted annually since the early
    1970s.

System: ASSEMBLY LINE TEST (ALT)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Guy, John   (202) 233-9250

Hardware/Software: IBM PC Stand Alone   /   LOTUS 1-2-3
System Level: 3

> The Assembly Line Test (ALT) Data Base contains the ALT data sub-
> mitted by vehicle and engine manufacturers. Manufacturers perform
> assembly line testing to monitor the emissions of production ve-
> hicles and engines. The data from this testing is submitted on a
> voluntary basis and is analyzed by EPA during the selection process
> of vehicle and engine configurations for selective Enforcement
> Audits.

System: AUTOMATED IMPORTS TRACKING SYSTEM (AITS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Babst, Richard   (202) 233-9250

Hardware/Software: PRIME   /   INFO, MIDAS
System Level: 3

> The Automated Imports Tracking System (AITS) is a computer based
> information management and tracking system that stores data related
> to motor vehicle importations into the United States, including
> conforming (EPA certified) motor vehicles that have been driven
> overseas and non-conforming (not EPA certified) motor vehicles.
> The information is used for compliance and enforcement purposes,
> and to answer public inquiries concerning the compliance or
> exempted status of particular motor vehicles. The system is on
> PRIME computer and programmed in INFO.

System: CLEAN AIR ACT ASSESSMENT PACKAGE - 1988 - FOR PERSONAL
   COMPUTERS (CAP88-PC)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Radiation Programs
Responsible Person: Parks, Barry   (702) 798-2443

Hardware/Software: IBM PC Stand Alone   /   FORTRAN 77, "C"
System Level: 4

   The CAP88-PC software package allows users to perform full-featured
   dose and risk assessments in a personal computer environment for
   the purpose of demonstrating compliance with 40 CFR 61.93(a).
   CAP88-PC provides the CAP88 methodology for assessments of both
   collective populations and maximally-exposed individuals, and
   allows users to edit environmental transport variables. The com-
   plete set of dose and risk factors and stability array data used in
   CAP88 is provided. CAP88-PC differs from the dose assessment soft-
   ware AIRDOS-PC in that it estimates risk as well as dose, it offers
   a wider selection of radionuclide and meteorological data, it pro-
   vides the capability for collective population assessments, and it
   allows users greater freedom to alter transport variable values.

System: COMPUTER TIMESHARING RESOURCE CONTROL SYSTEM (RCS)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Mobile Sources
Responsible Person: Cumberworth, Mitch   (313) 668-4342

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: EMISSIONS CERTIFICATION DATA BASE (ECDB)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Ball, Tom   (313) 668-4280

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: GRIDDED MODEL INFORMATION SUPPORT SYSTEM (GMISS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Baldridge, Ellen   (919) 541-5684

Hardware/Software: IBM ES/9000   /   SAS/BASE, SAS/AF
System Level: 1

The Gridded Model Informaiton Support System (GMISS) is a data base
management system for selected Regional Oxidant Model (ROM) input
data and species concentrations produced by gridded phtochemical
air pollution models. The Model Concentration Data Retrieval
Subsystem allows State and local air pollution control agencies to
retrieve these hourly data for use in support of their regulatory
programs. These hourly data may be used to calculate initial and
boundary conditions for the Empirical Kinetics Modeling Approach
(EKMA). They may be used for other modeling application needs as
well as to support evaluation of regional emission controls strate-
gies. Both temporal and spatial subsets of the data may be
retrieved.

System: HIGH LEVEL AND TRANSURANIC RADIOACTIVE WASTE REPOSITORY RISK
   MODEL (REPRISK)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Radiation Programs
Responsible Person: Clark, Ray   (202) 233-9310

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
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 intru-
> sion (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: HIGH LEVEL RADIOACTIVE WASTE RISK MODEL (WESPDOSE2)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Radiation Programs
Responsible Person: Smith, Michael   (205) 270-3422

Hardware/Software: VAX, IBM ES/9000   /   FORTRAN CODE ON A VAX SYSTEM
System Level: 4

> 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 radio-
> nuclides 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: KINETICS MODEL AND OZONE ISOPLETH PLOTTING PACKAGE (OZIPP)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Air Quality Planning and Standards
Responsible Person: Baldridge, Ellen   (919) 541-5684

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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: LABORATORY COMPUTER SYSTEM (LCS)
Responsible Organization:
   AA-Air and Radiation (OAR)   /
   Dir-Mobile Sources
Responsible Person: Dornberger, Roger   (313) 668-4492

Hardware/Software: Other, Apple Macintosh   /   FORTRAN
System Level: 3

   The laboratory computer system supports the testing functions of
   the mobile source program. Real-time, batch, and on-line inter-
   active 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: MANAGEMENT AND ACCOUNTABILITY PROCESS SYSTEM (MAPS)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Stackhouse, C.W.   (919) 541-5208

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

OAQPS has been actively involved in developing and expanding a
computerized system, known as the Management and Accountability
Process System (MAPS), previously referred to as the Air Quality
Management Division Bulletin Board System (AQMS-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 data bases for ozone/
carbon monoxide, particulate matter with an aerodynamic diameter
less than or equal to a nominal 10 mm (PM-10) and SO2 data.

System: MANUFACTURERS PROGRAMS BRANCH INVESTIGATION TRACKING SYSTEM
    (MPBIT)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Blubaugh, James   (202) 233-9244

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

The MPBIT is a tracking system for MPB investigations.

System: MPB EXEMPTIONS (NONE)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Blubaugh, James   (202) 233-9244

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: NETWORK FLOW AND CONTAMINANT TRANSPORT MODEL FOR STATISTICAL
AND DETERMINISTIC SIMULATIONS USING PERSONAL COMPUTERS
(NEFTRAN-S)
Responsible Organization:
AA-Air and Radiation (OAR)   /
Dir-Radiation Programs
Responsible Person: Clark, Ray   (202) 233-9310

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
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: PERSONAL COMPUTER CONTINUOUS EMISSIONS MONITORING SYSTEM
(PC-CEMS)
Responsible Organization:
AA-Air and Radiation (OAR)   /
Dir-Air Quality Planning and Standards
Responsible Person: Jamieson, Douglas   (703) 308-8731

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   FOXPRO/DBASE
IV
System Level: 2

PC-CEMS is a software program to provide for tracking and anlysis
of data submitted from continuous emissions monitoring systems
(CEMS). It is designed to assist agencies in identifying quarterly
reports which indicate non-compliance or possible compliance
problems and to encourage agencies to review CEM data historically
for performance trends both on a source-specific and process basis.

System: RACT/BACT/LAER CLEARINGHOUSE INFORMATION SYSTEM (BLIS)
Responsible Organization:
AA-Air and Radiation (OAR)
Responsible Person: Steigerwald, Joseph   (919) 541-2736

Hardware/Software: IBM PC Stand Alone   /   ESOFT TBBS/TDBS
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 efficien-
cies, and location of people making the determination. As states
submit new determinations, they will be entered into the BLIS
system as well. The system is interactive with up to 22 search
keys allowed. Data may be viewed on the screen and/or downloaded
to the user's computer.

System: RADON CANISTER PROGRAM DATABASE (CAN)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: McCroan, Keith   (205) 270-3418

Hardware/Software: VAX   /   VAX/VMS; VAX FORTRAN
System Level: 2

    The Radon Canister Database is used for management of charcoal
    canister radon measurement information and stores data such as
    radon concentrations, statistical uncertainties, exposure loca-
    tions, zip codes, and other relevant information. The database
    includes data obtained through studies such as the National School
    Survey, the HUD Survey, and nationwide state surveys.

System: RECALL DATA BASE (RECALLDB)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Wick, Carl   (202) 233-9331

Hardware/Software: Other   /   MICRO DBMS ON MTS (MICHIGAN TERMINAL
    SYSTEM)
System Level: 3

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

System: RMP PROGRAM DATABASE (RMP)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Radiation Programs
Responsible Person: McCroan, Keith   (205) 270-3418

Hardware/Software: VAX, IBM PC LAN Compatible   /   VAX/VMS, FORTRAN; PC/DOS, WP,
    PE-FORM
System Level: 2

    The RMP Program Database contains application and test data for
    radon measurement organizations participating in the EPA's National
    Radon Measurement Proficiency Program. It is used to produce
    reports for program managers, tables for published proficiency
    reports, and routine correspondence to participants.

System: SEA AUDITS (NONE)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Mobile Sources
Responsible Person: Blubaugh, James   (202) 233-9244

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: TECHNOLOGY TRANSFER NETWORK (TTN)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Mersch, Jerry   (919) 541-5635

Hardware/Software: Other   /   TBBS/TDBS, E-SOFT,INC.
System Level: 1

    The Office of Air Quality Planning and Standards (OAQPS) Technology
    Transfer Network (TTN) is a 64-line bulletin board system offering
    information and technology to the general public as well as all
    environmental government agencies on all areas related to air
    pollution and its control. Specific areas of support are modeling,
    emissions measurement, monitoring, training, control technology,
    and the Clean Air Act.

System: TRACKING RESPONSES TO ACID RAIN COMPLIANCE REQUIREMENTS
    DATABASE (TRAC)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Atmosphere and Indoor Air
Responsible Person: Newman, Robert   (202) 233-9104

Hardware/Software: Not Applicable   /   PARADOX 4.0, PARADOX APPLICATION
    LANGUAGE
System Level: 4

    The TRAC system tracks the impact of the Acid Rain Program on
    electronic utilities, states, and the economy. The utility trade
    press is monitored for announcements of compliance plans and costs
    and state regulatory actions. In addition, public utility
    commission reports are examined. Employment data is calculated,
    based upon pollution control equipment order data.

System: TRENDS REPORT (TRRP)
Responsible Organization:
    AA-Air and Radiation (OAR)   /
    Dir-Air Quality Planning and Standards
Responsible Person: Freas, Warren   (919) 541-5469

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN
    Compatible   /   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. This system is used to prepare the
> Agency's annual "National Air Quality and Emissions Trends Report"
> and to assess the air quality status of metropolitan areas.

System: CONSENT DECREE TRACKING SYSTEM (CDETS)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Miller, Merle   (202) 260-2614

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

> CDETS is a computerized inventory of EPA's consent decrees.
> Computer reports containing the following information can be
> produced: inventory of decrees; the abstracts of consent
> milestones/events.

System: CRIMINAL DOCKET SYSTEM (CRIMDOCK)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Vercio, Nancy   (202) 260-3883

Hardware/Software: IBM 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: ENFORCEMENT DOCKET SYSTEM (DOCKET)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Miller, Merle J.   (202) 260-2614

Hardware/Software: IBM ES/9000, Other   / . ADABAS, NATURAL; PUBLIC - ASCII
    FILE
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.
> Also includes facility information and defendant information.

System: ENFORCEMENT DOCUMENT RETRIEVAL SYSTEM (EDRS)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Miller, Merle J.   (202) 260-2614

Hardware/Software: IBM ES/9000   /   DBMS: BASIS; AVAILABLE ON 9-TRACK TAPES
    ASCII
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. Access is available to anyone with a valid mainframe
> User ID.

System: ENVIRONMENTAL REVIEW TRACKING SYSTEM (ERTS)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Henderson, Marilyn   (202) 260-5075

Hardware/Software: IBM ES/9000   /   ADABAS, NATURAL II
System Level: 4

> ERTS is designed to provide the EPA an information management tool
> that facilitates the logging and tracking of Environmental Impact
> Statements (EIS) and actions received from federal agencies, in
> such a manner that the PDMS fulfill responsibilities assigned under
> the CEQ regulations (40 CFR 1500-1508) and Section 309 of the CAA.
> These regulations set forth guidelines and provide policy for
> implementing the provisions of the NEPA and EPA's responsibility
> under Section 309 of the CAA. The purpose of the reporting
> requirement is to provide a Notice of Availability of EISs filed
> with the EPA and make public EPA's comments on EISs and other
> federal actions impacting the environment. This information is
> published weekly in the Federal Register.

System: FEDERAL FACILITIES INFORMATION SYSTEM (FFIS)
Responsible Organization:
    AA-Enforcement (OE)   /
Responsible Person: Franklin, Don   (202) 260-5908

Hardware/Software: IBM ES/9000   /   DBMS, ADABAS
System Level: 4

Data gathered from other Federal Agencies, to be reviewed by EPA
and transmitted to OMB, to support the annual President's Budget
for environmental compliance.

System: HAZARDOUS WASTE EXPORT DATABASE (EXPORT)
Responsible Organization:
    AA-Enforcement (OE)   /
    Dir-National Enforcement Investigations Center
Responsible Person: Vincent, James   (303) 236-5120

Hardware/Software: Not Applicable   /   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: INTEGRATED DATA FOR ENFORCEMENT ANALYSIS (IDEA)
Responsible Organization:
    AA-Enforcement (OE)
Responsible Person: Lappan, Jerry   (202) 260-6123

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

IDEA is an interactive, high-speed data retrieval system which
integrates facility-based information from EPA's Program Office
database management systems. IDEA currently links data from 12
EPA data systems representing the air, water, solid waste,
emergency response, toxic substances, and enforcement programs.
IDEA supports facility profile queries (what EPA data exists
about a specific facility or company), as well as inspection/
enforcement targeting queries (which facilities exhibit specific
criteria, e.g. location, chemical/emissions release, industry
category, compliance status, enforcement history, etc).

System: LABORATORY AUTOMATION SYSTEM (LBAU)
Responsible Organization:
AA-Enforcement (OE)   /
Dir-National Enforcement Investigations Center
Responsible Person: Lee, Johnny   (303) 236-5132

Hardware/Software: Other   /   INFORM
System Level: 2

This system provides control of sample analysis through interaction
with laboratory analysis equipment. The system performs an
analysis of 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:
AA-Enforcement (OE)   /
Dir-National Enforcement Investigations Center
Responsible Person: Biggs, Dorothy   (303) 236-5122

Hardware/Software: Not Applicable   /   FOCUS/INFORM
System Level: 3

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: POTENTIALLY RESPONSIBLE PARTIES SYSTEM (PRP)
Responsible Organization:
AA-Enforcement (OE)   /
Dir-National Enforcement Investigations Center
Responsible Person: Swibas, Charlene   (303) 236-2378

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

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

System: PROJECT TRACKING SYSTEM (NONE)
Responsible Organization:
    AA-Enforcement (OE)   /
    Dir-National Enforcement Investigations Center
Responsible Person: Harris, George   (303) 236-5122

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

> The Project Tracking System is a system for maintaining cost
> accounting by project. The system is used for cost recovery,
> budgeting and resource analysis. The name changed from the Time
> Accounting System to the Project Tracking System.

System: SUPERFUND FINANCIAL ASSESSMENT SYSTEM (SFFAS)
Responsible Organization:
    AA-Enforcement (OE)   /
    Dir-National Enforcement Investigations Center
Responsible Person: Swibas, Charlene   (303) 236-2378

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   CLIPPER,
    DBASE
System Level: 3

> SFFAS is an automated financial model designed to calculate the
> remedial costs a responsible party can theoretically afford to pay
> to cleanup of a Superfund site.

System: ACTION TRACKING SYSTEM (ATS)
Responsible Organization:
    AA-Policy, Planning, and Evaulation (OPPE)   /
    AA-Policy, Planning and Evaluation (OPPE)
Responsible Person: Payne, Sharon   (202) 260-8549

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:
    AA-Policy, Planning, and Evaulation (OPPE)   /
    AA-Policy, Planning and Evaluation (OPPE)
Responsible Person: Farmer, Sandy   (202) 260-2740

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
    PROPRIETARY AND DBASE III+
System Level: 3

> PRAMS is a computer system which tracks EPA program office
> collections of information from industry, state and local
> government, and the general public. The data in the system
> includes burden hours and costs for existing and planned EPA
> information collections subject to the Paperwork Reduction Act.
> PRAMS is used to track the progress of collections under OMB re-
> view, serve as a "tickler" to programs advising them of the need
> to prepare renewals of collections set to expire, and it serves
> as a source of summary data on the Agency's total annual informa-
> tions collection budget.

System: REGISTER OF LISTS (ROL)
Responsible Organization:
    AA-Policy, Planning, and Evaulation (OPPE)   /

Responsible Person: Schwarz, David   (202) 260-2706

Hardware/Software: IBM PC Stand Alone, 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: ACUTE ORAL TOXICITY FOR BIRDS, MICE, RATS (ORALTOX)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)
Responsible Person: Clements, Richard G.   (202) 260-5270

Hardware/Software: Not Applicable   /   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 informa-
> tion 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 assess-
> ments. 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: CHEMICAL REVIEW MANAGEMENT SYSTEM (CRMS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Bustin, Mark   (703) 305-8520

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER SUMMER 1987 AND
    5.01
System Level:

> CRMS consists of three modules - Data Call-in Issue Module, 90-day
> Tracking Module, and Submissions Tracking (currently under develop-
> ment). This system will be the primary source for tracking pesti-
> cide registrant responses concerning the FIFRA 1988 Amendments.

System: CHEMICAL UPDATE SYSTEM (CUS)
Responsible Organization:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pollution Prevention and Toxics
Responsible Person: Vogel, Nancy   (202) 260-3480

Hardware/Software: Other, IBM PC Stand Alone   /   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:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pollution Prevention and Toxics
Responsible Person: Petty, Eyvone   (202) 260-1444

Hardware/Software: Other, IBM 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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Bryant, Voicetta   (202) 260-7098

Hardware/Software: Other, IBM ES/9000   /   ADABAS, NATURAL
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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Petty, Eyvone   (202) 260-1444

Hardware/Software: Other   /   NATURAL 2.1
System Level: 3

> CCID is a database which contains information on approximately 10%
> of the chemicals regulated under TSCA. These are substances whose
> identities have been claimed confidential business information by
> the chemical manufacturer or importer. CCID resides on the IBM
> 4381 computer, to which access is restricted, and contains the
> complete TSCA inventory data.

System: DATA CALL IN SYSTEM (DCI)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Bustin, Mark   (703) 308-8520

Hardware/Software: IBM PC LAN Compatible   /   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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Kariya, Jim   (703) 305-6028

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, VAX   /   DBASE
    III+ ON PC, SAS ON IBM ES/9000
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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Goosby, Everlyn   (202) 260-1739

Hardware/Software: 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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Compliance Monitoring
Responsible Person: Meredith, David   (202) 260-7864

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /
    ADABAS/NATURAL ON MAINFRAME; CLIPPER 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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Compliance Monitoring
Responsible Person: Meredith, David   (202) 260-7864

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN Compatible
    /
System Level: 2

The FTTS/NCDB systems provide OPPTS HQ and regional staff with a
complete compliance/enforcement capability. All data are related
to comp/enf activites under major statutes for which OPPTS is re-
sponsible: Toxics Substances Control Act, Federal Insecticide,
Fungicide, Rodenticide Act; Emergency Planning & Community Right-to
Know Act; Asbestos Hazard & Emergency Response Act. The regions
input data and both regions and HQ generate canned and ad-hoc re-
ports. The major data sets include: Inspection/Import Inspection;
Sample Collection; Case Review; Referral; Enforcement Action; Mile-
Stone; Settlement Terms; Pesticide Activities; Grants; FTTS is a
multi-users/LAN regional system; NCDB is the national repository
for the regional FTTS data and resides on a stand-alone PC in OCM.

System: GRAPHICAL EXPOSURE MODELING SYSTEMS/ PC GRAPHICAL EXPOSURE
MODELING SYSTEM (GEMS/PCGEM)
Responsible Organization:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pollution Prevention and Toxics
Responsible Person: Hollister, Sondra   (202) 260-3390

Hardware/Software: VAX, IBM PC Stand Alone   /   FORTRAN, C
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:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pollution Prevention and Toxics
Responsible Person: Williams, Norma   (202) 260-1825

Hardware/Software: IBM PC Stand Alone   /   DBASE
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:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pesticide Programs
Responsible Person: Johnson, Phyllis   (703) 308-8105

Hardware/Software: IBM PC LAN Compatible   /   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: MICROBIAL INFORMATION SYSTEM (MICRO-IS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Segal, Mark   (202) 260-3389

Hardware/Software: IBM PC Stand Alone   /   C; MICRO-IS IS THE APPLICATION
    SOFTWARE
System Level: 3

This is a specialized data management application that provides
specialized analytical capability for microbiological data. It
permits organization of laboratory results and sophisticated
analysis of typical phenotypic data. It also includes software for
strain identification to subspecies level using numeric taxonomic
principles. Data entry is based on an international standard coding
scheme for microbial phenotype data. The system (not including
data) is now made available through the Microbial Strain Data
Network at cost.

System: MULTI-CHAMBER CONSUMER EXPOSURE MODEL VERSION 2.1 (MCCEM)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Kennedy, Patrick   (202) 260-3916

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   MICROSOFT QUICK
    BASIC
System Level: 3

The Multi-Chamber Consumer Exposure Model (MCCEM) is a user
friendly computer model 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. The model can be used to evaluate exposure
and risk.

System: NATIONAL PESTICIDE INFORMATION RETRIEVAL SYSTEM (NPIRS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Lieb, F. Joe   (317) 494-6614

Hardware/Software: VAX   /   ADABAS/NATURAL
System Level: 2

    Over 23,000 active products and over 59,000 cancelled and trans-
    ferred product registrations updated weekly. Lists the allowable
    residues of pesticides in raw agricultural commodities, processed
    food, and animal feed updated monthly. Over 230 registered chem-
    ical summaries are available updated when new Fact Sheets are
    published. Over 220,000 citations of studies submitted to EPA in
    support of pesticide chemical registrants updated monthly. Over
    900 MSDSs from 27 chemical manufacturers of pesticides used in the
    protection of crops, turf, and ornamental plants. Online version
    of C&P Press, MSDS Reference publications. Updated quarterly.

System: OFFICE OF TOXIC SUBSTANCES IMAGE PROCESSING SYSTEM (OTSIPS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Martin, Joanne   (202) 260-0431

Hardware/Software: Other   /   ELECTRONIC FILING CABINET (EFC) OS/400
System Level: 3

    The OTS IPS contains scanned documents received under TSCA
    section 5, New Chemicals Process. It also contains EPA -
    generated review and analysis documents, decision papers, etc.
    The system operates on an IBM Token Ring LAN in EPA's East Tower.

System: OPPT CHEMICAL DIRECTORY SYSTEM (CHEMD)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Bloch, Doris   (202) 260-5454

Hardware/Software: Other   /   MACCS II
System Level: 3

    The OPPT Chemical Directory (CHEMD) provides a common storage
    and retrieval mechanism for chemical structures and related
    information from all TSCA-related automated systems. It contains
    structure diagrams, CAS registry numbers, systematic chemical
    nomenclature, and other chemical data, for TSCA Inventory sub-
    stances and PMN's. It also contains locators or pointers to other
    systems throughout the Agency where additional data on chemicals
    may be found.

System: OPPT EXISTING CHEMICAL PROGRAM TRACKING SYSTEM (RM(X))
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Leitzke, John   (202) 260-3507

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER (USES *.DBF FILE
    STRUCTURES)
System Level: 3

> RM(x) is an interactive, LAN-based system that tracks major activi-
> ties within OPPT's Existing Chemical Program. RM(x) has the fol-
> lowing objectives: (1) Identify where a chemical or chemical case
> is in the review process at any given time; (2) Provide current and
> historical information on a chemical's or chemical case's review
> activities; (3) Ensure that the chemical cases are moving through
> the review process in a timely fashion; (4) Measure OPPT progress
> in screening and evaluating the universe of chemicals; (5) To help
> establish standard time frames for different stages in the review
> process; and (6) Ensure that information and final, official docu-
> ments are available to the public in the administrative record.

System: PCB ACTIVITY DATABASE SYSTEM (PADS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Baney, Tony   (202) 260-3933

Hardware/Software: IBM PC Stand Alone   /   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 require-
> ments 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: PESTICIDE INFORMATION NETWORK (PIN)
Responsible Organization:
   AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
   Dir-Pesticide Programs
Responsible Person: Davies-Hilliard, Leslie   (703) 305-7499

Hardware/Software: Other   /   UNIX, ORACLE
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) 305-7499.

System: PESTICIDE PRODUCT INFORMATION SYSTEM (PPIS)
Responsible Organization:
   AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
   Dir-Pesticide Programs
Responsible Person: Beech, Jim   (703) 305-5439

Hardware/Software: IBM 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:
   AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
   Dir-Pesticide Programs
Responsible Person: Carley, John   (703) 305-5315

Hardware/Software: IBM PC Stand Alone   /   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:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Compliance Monitoring
Responsible Person: Brozena, Steve   (703) 308-8267

Hardware/Software: IBM PC LAN Compatible   /   DBASE; CLIPPER
System Level: 2

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:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pesticide Programs
Responsible Person: McCarthy, John   (703) 305-5438

Hardware/Software: IBM PC LAN Compatible   /   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 (PDM3.1)
Responsible Organization:
AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
Dir-Pollution Prevention and Toxics
Responsible Person: Abel, Sid   (202) 260-3920

Hardware/Software: IBM PC Stand Alone   /   TURBO PASCAL
System Level: 2

The Probabilistic Dilution Model, originally developed by the
Office of Water, estimates how often a given concentration of con-
cern may be exceeded in receiving streams. Estimates are based
on the natural variability of stream flows and effluent flow, and
upon a mass balance dilution equation. The Exposure Assessment
Branch put together a program that uses the Probabilistic Dilution
methodology. The program has the ability to perform site-specific
and generic, high end and average case analysis.

System: REFERENCE FILE SYSTEM (REFS)
Responsible Organization:
　　AA-Prevention, Pesticides and Toxic Substances (OPPTS)　　/
　　Dir-Pesticide Programs
Responsible Person: Beech, Jim　　(703) 305-5439

Hardware/Software: IBM PC LAN Compatible　　/　　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: SCREENING INFORMATION SYSTEMS/LAN (SIS/L)
Responsible Organization:
　　AA-Prevention, Pesticides and Toxic Substances (OPPTS)　　/
　　Dir-Pollution Prevention and Toxics
Responsible Person: Leitzke, John　　(202) 260-3507

Hardware/Software: IBM PC LAN Compatible　　/　　FOXBASE (USES *.DBF FILE
　　STRUCTURES)
System Level: 3

　　SIS/L is an interactive, LAN-based system that ties together many
　　basic, screening-level databases and chemical lists, and enables
　　searching across and access to these on the basis of chemical iden-
　　tity. Access can be by either of two ways: (1) From the Main Menu
　　when user wants general use of a particular database; or (2) From
　　the SIS/L Directory as a "platform" to search for a particular
　　chemical across all systems and then go directly to information on
　　that chemical. Most chemical databases and lists are from within
　　OPPT with a few from other program offices and other federal agen-
　　cies. A parallel system also exists in ChemBase to enable search-
　　ing for chemicals on the basis of chemical structure.

System: SECTION SEVEN TRACKING SYSTEM (SSTS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)
Responsible Person: Stephanos, Ann   (202) 260-9438

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   ADABAS
    NATURAL; CLIPPER 5.0; DBASE III+
System Level: 3

This data base contains registration data for pesticide producing
establishments as well as annual pesticide production information
for each active pesticide producing establishment.

System: SIMPLE MAINTENANCE OF ARTS (SMART)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Andreassi, Anthony   (703) 305-8519

Hardware/Software: IBM PC LAN Compatible   /
System Level: 0

The Accelerated Reregistration Tracking System (ARTS) is a system
that tracks the relationship between scientific information and
scientific guidelines. SMARTS is the maintenance function associ-
ated 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: TIME AND ACCOUNTING INFORMATION SYSTEM (TAIS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Moyer, Joan   (703) 305-5444

Hardware/Software: IBM 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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pesticide Programs
Responsible Person: Bomar, Kay   (703) 305-6353

Hardware/Software: IBM PC Stand Alone   /   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:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Newburg-Rinn, Steven   (202) 260-3757

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible   /
    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 Library of Medicine through TOXNET.
> *Publicly-Owned Treatment Works

System: TOXIC SUBSTANCES CONTROL ACT TEST SUBMISSIONS (TSCATS)
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Bradshaw, James   (202) 260-1543

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /
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.
> For more information, call:
> National Library of Medicine TOXLINE: (301) 496-6193
>   Dialog: (800) 3-DIALOG
>   On CD-ROM through Silver Platter: (617) 239-0306

System: TSCA 8(A) LEVEL A INFORMATION SYSTEM (LEVEL8(A))
Responsible Organization:
    AA-Prevention, Pesticides and Toxic Substances (OPPTS)   /
    Dir-Pollution Prevention and Toxics
Responsible Person: Petty, Eyvone   (202) 260-1444

Hardware/Software: Other   /   ADABAS, NATURAL
System Level: 3

> PAIR is a collection of information from manufacturers, importers,
> and processors on production, uses, exposure levels, and waste
> treatment/release qualitities. Worker exposure is reported based
> on kilograms of subject chemical manufactured or imported, the
> number of workers and worker-hours spent in various categories of
> use activity: manufacture, use (reactant and non-reactant), and
> preparation. The manufacturer also reports on qualities and
> process categories for customers of the product. Approximately 900
> chemicals (including 23 categories) and three categories of un-
> specified chemicals are currently subject to the PAIR reporting
> rule. The list of chemicals is frequently amended, after review
> of substances by the Interagency Testing Committee, and others.

System: (GENETIC ACTIVITY PROFILE DATA BASE) EPA/IARC COMPUTER PROGRAM
FOR DISPLAY OF SHORT-TERM TEST ACTIVITY PROFILES (GAP V 3.0)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Health Research
Responsible Person: Waters, Michael D.   (919) 541-2537

Hardware/Software: IBM PC Stand Alone, VAX   /   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 gra-
phics-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:
AA-Research and Development (ORD)   /
Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Wagner, Janice   (919) 541-1818

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

Use of NAPAP entails the compilation, quality assurance and dis-
semination 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: A MODULAR THREE-DIMENSIONAL TRANSPORT MODEL (MT3D)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 4

MT3D is a useful tool in simulating advection, dispersion, and
chemical reactions of dissolved constituents in ground-water sys-
tems in either two or three dimensions.

System: A NATIONAL COMPENDIUM OF FRESHWATER FISH AND WATER TEMPERATURE DATA (FISHTEMP)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Environmental Processes and Effects Research
Responsible Person: Eaton, John   (218) 720-5557

Hardware/Software: IBM PC Stand Alone, DG AViiON   /   FOXPRO
System Level: 2

FISHTEMP is a computer data base, containing historical fish distribution data with accompanying water temperature data from about 1930-present for over 300 species of freshwater fish from 250,000 locations in the U.S. This provides a nationwide compendium of freshwater fish populations in relation to water temperature regimes. Computer programs were designed to format, sort, store, and recall selected records or groups of data. A data base is also being constructed that summarizes all available scientific literature on fish temperature requirements.

System: ADVANCED UTILITY SIMULATION MODEL (AUSM)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Jones, Larry   (919) 541-7716

Hardware/Software: IBM ES/9000, SUN Sparc   /   FORTRAN
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: AEERL-RTP MANAGEMENT INFORMATION SYSTEM (IMIS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Daniel, Martha   (919). 541-2922

Hardware/Software: IBM PC Stand Alone   /   DBASE II
System Level: 4

  AEERL/RTP MIS supports the management and staff of the Agency with
  project information. The system consists of the following sub-
  systems: 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 inter-
  agency 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: APPLICABLE RELEVANT AND APPROPRIATE ASSISTANT (ARARS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Russom, Christine   (218) 720-5709

Hardware/Software: VAX   /   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, sublethal, and bioconcentration effects are
  recorded for freshwater and marine organisms. Papers and final
  reports are reviewed and information on test conditions and results
  are entered into the system's data base. The purpose of AQUIRE
  is to provide quick access to a comprehensive, systematic,
  computerized compilation of aquatic toxic effects data.

System: ASSESSMENT TOOLS FOR THE EVALUATION OF RISK (ASTER)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Processes and Effects Research
Responsible Person: Russom, Chris   (218) 720-5709

Hardware/Software: VAX   /   VAX BASED, PROGRAMMED IN FORTRAN
System Level: 2

   ASTER was developed by the USEPA Environmental Research Laboratory
   in Duluth to assist regulators in performing ecological risk
   assessments. ASTER is an integration of the AQUIRE toxic effects
   database and the QSAR system, a structure activity based expert
   system. ASTER is designed to provide high quality data for
   discrete chemicals, when available in the associated databases,
   and QSAR-based estimates when data is lacking. ASTER is a VAX-
   based system located at ERL-Duluth and the National Computer
   Center. The database can be accessed through the EPA network via
   the VAX system or through a modem and personal computer. A user-
   friendly, menu-driven program to extract information has been de-
   veloped for use by government offices.

System: ATHENS CHEMICAL INVENTORY SYSTEM (ACIS)
Responsible Organization:
   AA-Research and Development (ORD)
Responsible Person: Weber, Eric   (706) 546-3198

Hardware/Software: Not Applicable   /   BUILDER, VMS COMMAND FILES
System Level: 4

   This in-house chemical inventory is maintained for the purpose of
   chemical hygiene and environmental compliance.

System: ATHENS FINANCIAL MANAGEMENT SYSTEM (AFMS)
Responsible Organization:
   AA-Research and Development (ORD)
Responsible Person: Griffith, Gloria   (706) 546-3121

Hardware/Software: IBM PC Stand Alone   /   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 Program Operations, and Branch Chiefs.

System: ATHENS IN-HOUSE PROPERTY SYSTEM (AIPS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Smith, Annie   (706) 546-2245

Hardware/Software: IBM PC LAN Compatible   /   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:
    AA-Research and Development (ORD)
Responsible Person: Kellum, Maxine   (706) 546-2231

Hardware/Software: IBM PC Stand Alone   /   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 PURCHASE ORDER SYSTEM (APOS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Gunter, Pamela   (706) 546-2300

Hardware/Software: IBM PC Stand Alone   /   DBASE IV AND DOS BATCH
    JOBS
System Level: 4

    Tracking system for Small Purchasing Office.

System: ATHENS TELEPHONE INVENTORY SYSTEM (ATIS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Podeszwa, Christine   (706) 546-3122

Hardware/Software: IBM PC Stand Alone   /   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: CENTER FOR EXPOSURE ASSESSMENT MODELING ELECTRONIC BULLETIN
BOARD SYSTEM (CEAM BBS)
Responsible Organization:
AA-Research and Development (ORD)
Responsible Person: Ambrose, Robert (706) 546-3130

Hardware/Software: IBM PC Stand Alone / WILDCAT (BBS SOFTWARE)
System Level: 2

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

System: CHANGES CLAUSE ADVISORY SYSTEM (CHANGESC)
Responsible Organization:
AA-Research and Development (ORD) /
Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert (513) 569-7871

Hardware/Software: IBM PC Stand Alone / 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: CLEAN AIR STATUS AND TRENDS NETWORK (CASTNET)
Responsible Organization:
AA-Research and Development (ORD) /
Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Reagan, James (919) 541-4486

Hardware/Software: VAX, IBM PC LAN Compatible / FOCUS AND FORTRAN MOVING TO
ORACLE
System Level: 3

CASTNET incorporates data from the Acid Deposition System and
National Dry Deposition Network. The ADS data include precipi-
tation chemistry and volume results from the US and Canada. The
NDDN consists of up to 50 sites with hourly meteorology and ozone
and weekly filter particle sample chemistry results.

System: COMPLEX TERRAIN FIELD STUDIES DATA BASE (CTDM)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Perry, Steve   (919) 541-1341

Hardware/Software: Not Applicable   /   FORTRAN, SAS, WYLBUR
System Level: 3

> CTDM 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. Similar data is also available from a study near the
> Tracy Power Plant (Reno, NV).

System: CONTRACTOR FUNDS RECAPITULATION SYSTEM (CFR)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Denson, Anders   (702) 798-2577

Hardware/Software: VAX   /   FOCUS
System Level: 4

> The Contract Funding Recapitulation (CFR) system was developed for
> the Contract Project Officer of the Office of Program Management -
> Supply and Property Management (OPM-S). This system provides the
> on-line facilities for maintaining contract funding data, reporting
> on funding data, and archiving expired funding data. BACKGROUND:
> The Contract Project Officer (OPM-S) requested that an automated
> system be developed to track contract funds with the Environmental
> Monitoring Systems Laboratory at Las Vegas (EMSL-LV). The need for
> such a system evolved from the detailed paperwork required to pro-
> cess the CONTRACT FUNDING RECAPITULATION (CFR) form, submitted to
> the Contract Project Officer by the EPA budget officials.

System: CONTRACTS ADMINISTRATION TRACKING SYSTEM (CATS)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Processes and Effects Research
Responsible Person: Batterman, Allan   (218) 720-5513

Hardware/Software: IBM PC Stand Alone   /   CLIPPER
System Level: 3

   CATS (Contract Administration Tracking System) is a stand-alone
   personal computer (PC) based application that furnishes ERL-D
   management information on staffing levels and funding, including
   available funds. The system is protected from unauthorized entry
   and can be expanded to a network version to give the system a
   multi-user capability.

System: COORDINATED LIST OF CHEMICALS (CLC)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Processes and Effects Research
Responsible Person: Kollig, Heinz P.   (706) 546-3770

Hardware/Software: Not Applicable   /   DBASE IV
System Level: 4

   The CLC provides information on who studies what in EPA's ORD
   laboratories.

System: CRITERIA REFERENCE INFORMATION BANK (CRIB)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Health and Environmental Assessment
Responsible Person: Fennell, Douglas   (919) 541-3789

Hardware/Software: IBM PC LAN Compatible   /   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 embedded within the record. Hardcopy backs up the
   electronic records, but no abstracts are provided with the record.

System: DISCHARGE MONITORING REPORT-QUALITY ASSURANCE STUDIES (DMR-QA)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Britton, Paul   (513) 569-7216

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible   /   FORTRAN
System Level: 4

> These studies involve annual analysis of inorganic synthetic waste-
> water samples by 7,000 to 7,500 major NPDES dischargers to provide
> a basis for evaluating the quality of the routine monitoring re-
> quired in their NPDES permit.

System: DOSE/DURATION TOXICOLOGY DATA PLOTTING SYSTEM (D2PLOT)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Health and Environmental Assessment
Responsible Person: Cubbison, Chris   (513) 569-7599

Hardware/Software: IBM PC Stand Alone   /   DBASE IV, 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. Plots of dose vs. duration of exposure
> contain NOAELs; LOAELs and FELs for a variety of species plotted
> in human equivalent format. Data base contains site and type of
> effect and severity ranking.

System: DYNAMIC HYDROLIC MODEL (DYNHYD4)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Dermont   (706) 546-3549

Hardware/Software: IBM PC Stand Alone, 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: EMAP LOUISIANIAN PROVINCE DATA INFORMATION SYSTEM (EMAPLP)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: McCauley, John   (904) 934-9353

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER DATABSE LANGUAGE FOR PC
System Level: 4

> The EMAP/LP data system allows users to enter data collected from
> field or laboratory operations into a PC computer. Procedures are
> available to transfer and receive data remotely, QC data, export
> data to dBase III compatible formats, and form creation.

System: ENVIRONMENTAL FATE CONSTANTS INFORMATION SYSTEM (EFCIS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Kollig, Heinz   (706) 546-3770

Hardware/Software: IBM PC Stand Alone   /   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: EPANET (NONE)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Rossman, Lewis A.   (513) 569-7603

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    WINDOWS
System Level: 3

> In meeting the requirements of the Safe Drinking Water Act (SDWA),
> EPANET is used to evaluate the trade-offs involved in making
> decisions concerning water supply systems hydraulic operation
> versus water quality objectives in meeting the SDWA. 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: EQUILIBRIUM METAL SPECIATION MODEL (MINTEQA2)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Dermont   (706) 546-3549

Hardware/Software: IBM PC Stand Alone, 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: ERL-ATHENS LAB PLANNING SYSTEM (ALPS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Neesmith, Roger   (706) 546-3430

Hardware/Software: VAX   /   FORTRAN, BUILDER
System Level: 4

> 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:
    AA-Research and Development (ORD)
Responsible Person: Kreitzer, Fran   (503) 754-4653

Hardware/Software: VAX, IBM PC LAN Compatible   /   DBASE III, FORTRAN
System Level: 4

> This system provides Corvallis Environmental Research Laboratory
> (CERL) Management with financial management information such as
> budget data, projections, expenditures, and salary information
> broken down by branches and projects.

System: ERL-CORV PERSONNEL MANAGEMENT (CVPM)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Taylor, Pam   (503) 754-4582

Hardware/Software: VAX   /   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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Stagner, Judy L.   (218) 720-5605

Hardware/Software: VAX   /   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 HEADQUARTERS ACTION RESPONSE TRACKING SYSTEMS
    (HARTS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Novy, Nancy D.   (218) 720-5708

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER
System Level: 0

    Through local data entry, this system provides reports that track
    deadlines, assignee and assignor. Reports can be generated to
    list all projects, total projects per assignee, turnaround time
    and a milestone count for a specific period of time. This system
    has on-line inquiry capabilities for listing projects, assignees,
    assignors, due dates and completion dates and keywords. Weekly
    reports are provided to assignees to assist in meeting deadlines.

System: ERL-DULUTH PERSONNEL INFORMATION PROJECTION SYSTEM (PIPS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Stagner, Judy L.   (218) 720-5605

Hardware/Software: VAX   /   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 pro-
> jected data by pay period, a range of pay periods (for continuing
> resolution purposes), quarter, fiscal and calendar year (for pay
> cap purposes).

System: ERL-DULUTH TRAVEL PROTECTION SYSTEM (TPS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Johnson, Kimberly   (218) 720-5544

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER
System Level: 3

> Tracks travel all the way from initial annual plans through
> individual final vouchers; compares budget to actual and planned
> expenses; identified relative priority. Data entered and reports
> generated can sort on budget holder, dates of travel, destination,
> traveler, purpose and purpose codes, planned dollars, TA dollars,
> TV dollars.

System: ERL-GULF BREEZE LABORATORY CONTRIBUTIONS DATA MANAGEMENT
    SYSTEM (CONTRIBS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H.   (904) 934-9257

Hardware/Software: VAX   /   FORTRAN, FOCUS
System Level: 4

> 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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H.   (904) 934-9257

Hardware/Software: VAX   /   FORTRAN; FOCUS
System Level: 4

> 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: EXPOSURE ANALYSIS MODELING SYSTEM (EXAMS-II)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burns, Lawrence   (706) 546-3511

Hardware/Software: IBM PC Stand Alone, VAX   /   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: EXPOSURE MODELS LIBRARY ON CD-ROM (NONE)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Health and Environmental Assessment
Responsible Person: Walentowicz, Rich   (202) 260-8922

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible, Apple
    Macintosh   /   VARIOUS
System Level: 2

The Exposure Models Library on CD-ROM presents about 70 exposure
and assessment models for determining fate and transport in various
environmental media (air, groundwater, surface water, soil). Also
included on the disc is a model selection system and database with
validation and uncertainty information. The purpose of this CD-ROM
is to demonstrate the use of this media and technology for distri-
buting exposure models, documentation, and a model selection system
for use in exposure and risk assessment. The models were developed
primarily by various EPA offices and other Federal agencies and are
in the public domain.

System: FACILITY SPACE CONTROL SYSTEM (FSCS)
Responsible Organization:
     AA-Research and Development (ORD)
Responsible Person: Childers, Fred   (702) 798-2613

Hardware/Software: VAX   /
System Level: 4

> The Environmental Monitoring Systems Laboratory in Las Vegas (EMSL-LV) is planning for a new office and laboratory complex to replace all existing facilities. The Facility Space Control System (FSCS) was developed for the Associate Director for Building Construction (ODC) to gather and store relevant information about the proposed facility, projected personnel and equipment requirements. The FSCS will be used throughout the development process to provide a central repository for current, detailed information about facility planning.

System: FINAL COVER ADVISORY SYSTEM (F-COVER)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   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:
     AA-Research and Development (ORD)   /
     Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Durmont   (706) 546-3549

Hardware/Software: IBM PC Stand Alone, 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: GENE-TOX CARCINOGEN DATA BASE (GENETOX)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Health Research
Responsible Person: Nesnow, Stephen   (919) 541-3847

Hardware/Software: IBM PC Stand Alone   /   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 informa-
> tion were used to create this evaluated data base: all 185 chemi-
> cals determined by the International Agency for Research on Cancer
> to have sufficient evidence of carcinogenic activity in experi-
> mental animals; 28 selected chemicals bioassayed for carcinogenic
> activity by the National Toxicology Program/National Cancer Insti-
> tute 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: GEOPHYSICS ADVISOR EXPERT SYSTEM, VERSION 2.0 (GAES,V2.0)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Mazella, Aldo   (702) 798-2254

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   MS DOS;
    BASIC-TRUE
System Level: 4

> GAES, version 2.0, is designed to assist and educate non-geophysi-
> cists in the use of geophysics at hazardous waste sites. A series
> of questions are asked about the site geology, contamination prob-
> lem and cultural noise. In addition, the program also contains a
> database of the physical and chemical properties of 94 substances
> selected from EPA's first priority list. The properties in the
> database were compiled from over 270 peer-reviewed references. The
> program presents a list of contaminants from which a selection may
> be made. Answers to questions in the program regarding the conta-
> minants are automatically entered. Based upon the answers given to
> the questions, the program provides a weighted recommendation of
> what types of methods will be most useful to solve site problems.

System: GEOSTATISTICS FOR WASTE MANAGEMENT (GEOPACK)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 0

> GEOPACK is a useful, comprehensive software program that conducts
> both standard and geostatistical analyses.

System: GEOSYNTHETIC MODELING SYSTEM (GM)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   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:
AA-Research and Development (ORD)   /
Dir-Environmental Processes and Effects Research
Responsible Person: Ryder, Russell H.   (904) 934-9257

Hardware/Software: VAX   /   WORDPERFECT, FORTRAN, FOCUS
System Level: 4

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: HAZARDOUS WASTE SITE DATA BASE (HWSD)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Eccles, Larry   (702) 798-2385

Hardware/Software: VAX   /   INFORM
System Level: 3

Listing of RCRA and Superfund ground water monitoring data from
period 1986 obtained through consent decree. Data available from
more than 5000 well samplings from over 350 landfill and other
hazardous waste sites nationwide. A total of 944 chemical
contaminants identified in the data base.

System: HEALTH EFFECTS RESEARCH LABORATORY MANAGEMENT INFORMATION
     SYSTEM (HERL MIS)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Health Research
Responsible Person: Laws, Kenneth P.   (919) 541-5744

Hardware/Software: VAX   /   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: HERL-RTP MORTALITY DATA BASE (MORT)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Health Research
Responsible Person: Creason, John   (919) 541-2598

Hardware/Software: Other, IBM 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: HISTORY OF ACCOUNTABLE PROPERTY (HAP)
Responsible Organization:
     AA-Research and Development (ORD)
Responsible Person: Miller, Karen   (702) 798-2615

Hardware/Software: VAX   /   FOCUS
System Level: 4

>   Provides a historical record of all transactions relating to
>   accountable property.

System: HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE MODEL (HELP MODEL)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /
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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Barnwell, Thomas   (706) 546-3180

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

> 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: INDUSTRIAL COMBUSTION EMISSIONS MODEL (ICE MODEL)
Responsible Organization:
　　AA-Research and Development (ORD)　　/
　　Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Jones, Larry　　(919) 541-7716

Hardware/Software: IBM ES/9000, SUN Sparc　　/　　FORTRAN
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.
　　It projects emissions for every state and every fifth year.

System: INTEGRATED ACCOUNTABILITY MANAGEMENT SYSTEM - LAS VEGAS
　　(IAMS-LV)
Responsible Organization:
　　AA-Research and Development (ORD)　　/
Responsible Person: Madsen, Mark　　(702) 798-2603

Hardware/Software: VAX　　/　　FOCUS
System Level: 4

　　Employee data is maintained for several administrative purposes,
　　on a master FOCUS database. On-line facilities for updating and
　　reporting employees are included, and the data for several auxi-
　　liary records (facility keys, telephones, computer user ID's,
　　training and library actions) is verified against this central one.
　　Some confidential data is kept on this database; a procedural and
　　computer-controlled security structure keep the data private.
　　IAMS Telephones - Data about employee telephone numbers, telephone
　　equipment and office placement of telephones is maintained by this
　　FOCUS application. This system is auxiliary to IAMS, which sup-
　　plies and verifies employee information. IAMS Training keeps
　　training details for each employee (ie. classes completed).

System: INTEGRATED MODEL EVALUATION SYSTEM (IMES)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Health and Environmental Assessment
Responsible Person: Walentowicz, Rich   (202) 260-8922

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   C;
DBASE; CLIPPER; WINDOWS SDK
System Level: 2

The Integrated Model Evaluation System (IMES) is a PC-based appli-
cation developed for exposure and risk assessors interested in fate
models. It assists users in the selection of appropriate fate
models from the users' response to query of site characteristics
and desired model capabilities. The system also contains detailed
information about the models, such as model validation, input
requirements, bibliographies, and applications.

System: INTEGRATED RISK INFORMATION SYSTEM (IRIS)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Health and Environmental Assessment
Responsible Person: Tuxen, Linda   (202) 260-5949

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible, Other   /
ASCII
System Level: 2

IRIS is the EPA's repository and primary vehicle for communication
of chronic cancer and non-cancer health hazard information
representing EPA concensus opinion following comprehensive review
by intra-Agency scientific work groups. IRIS contains substance-
specific hazard identification and dose-response information on
over 500 substances. It is a useful information resource that
points the user to the underlying human and/or animal data used to
support the Agency's opinion. IRIS was developed in response to a
growing need for consistent Agency risk information for use in
decision-making activities. Because of the assumptions and
uncertainties used in risk assessment, IRIS risk information should
be used carefully and with scientific judgement.

System: INTEGRATED RISK INFORMATION SYSTEM (EPA ONLY) (IRIS2)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Health and Environmental Assessment
Responsible Person: Tuxen, Linda   (202) 260-5949

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER
System Level: 2

> IRIS is the EPA's repository and primary vehicle for communication
> of chronic cancer and non-cancer health hazrd information
> *representing EPA concensus opinion following comprehensive review*
> by intra-Agency scientific work groups. IRIS contains substance-
> specific hazard identification and dose-response information on
> over 500 substances. It is a useful information resource that
> points the user to the underlying human and/or animal data used to
> support the Agency's opinion. IRIS was developed in response to a
> *growing need for consistent Agency risk information for use in*
> decision-making asctivities. Because of the assumptions and
> uncertainties used in risk assessment, IRIS risk information should
> be used carefully and with scientific judgement.

System: INTERNATIONAL AIR DATA SYSTEMS (GEMS/AIR)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Evans, Gardner   (919) 541-3887

Hardware/Software: IBM ES/9000   /   COBOL SAS DBASE CLIPPER
System Level: 0

> This system is an international database in collaboration with
> UNEP/GEMS, World Health Organization (WHO), and the World
> Meteorological Organization (WMO). The WHO dataset includes
> ambient data from urban areas and the WMO dataset contains
> precipitation data from background locations.

System: LAKE ANALYSIS MANAGEMENT SYSTEM (LAMS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Richardson, William L.   (313) 692-7611

Hardware/Software: VAX, IBM PC Stand Alone, Apple Macintosh   /
    FORTRAN
System Level: 2

    LAMS is a system of data bases and models, with GIS capability,
    developed for the Great Lakes and watersheds. The data bases and
    models, containing Great Lakes data collected since 1971 and
    Canadian Great Lakes data collected since 1968, assist in environ-
    mental decision-making for the Great Lakes.

System: LEACHATE COLLECTION ADVISORY EXPERT SYSTEM (L-CES)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   KNOWLEDGE PRO
System Level: 2

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

System: LITTORAL ECOSYSTEM RISK ASSESSMENT MODEL (LERAM)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Stay, Frank   (218) 720-5542

Hardware/Software: VAX, IBM PC Stand Alone, Other   /   FORTRAN
System Level: 2

    LERAM is a bioenergetic ecosystem effects model that predicts the
    effects of multiple chemical stressors on a littoral ecosystem.
    The model includes trophic levels from decomposer and autographs
    up through piscivorous fish. Its predictions are reported as
    probabilities for selected levels of effects (risk) as well as the
    daily biomass of each of the littoral zone populations.

System: MULTIMEDIA EXPOSURE ASSESSMENT MODEL FOR EVALUATING THE LAND
DISPOSAL OF HAZARDOUS WASTES (MULTIMED)
Responsible Organization:
AA-Research and Development (ORD)   /
Dir-Environmental Processes and Effects Research
Responsible Person: Laniak, Gerry   (706) 546-3310

Hardware/Software: IBM ES/9000, VAX, SUN Sparc   /   FORTRAN CODE; PC
ORIENTED
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:
AA-Research and Development (ORD)   /
Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Lambou, Victor   (904) 644-5516

Hardware/Software: IBM PC Stand Alone   /   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:
AA-Research and Development (ORD)   /
Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Risher, Terry   (919) 541-2292

Hardware/Software: IBM PC Stand Alone, IBM ES/9000   /   FOXPRO (PC), FOCUS (IMB
9000)
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 UTILITY REFERENCE FILE (NURF)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Jones, Larry   (919) 541-7716

Hardware/Software: Not Applicable   /   LOTUS 1-2-3
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: NONE (GCSOLAR)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Zepp, Richard   (706) 546-3549

Hardware/Software: IBM PC Stand Alone, VAX   /   FORTRAN
System Level: 0

    The GCSOLAR program is a set of routines that computes the solar
spectral irradiance at the Earth's surface and rates of photoche-
mical and photobiological processes in ecosystems. The irradiance
and rates are calculated as a function of season, latitude, time-
of-day, depth in water bodies, and ozone layer thickness. Uses of
the program are varied, but it has been most commonly used to
compute photolysis rates and half-lives of pollutants and natural
substances in the aquatic environment.

System: ONE-DIMENSIONAL WATER AND CHEMICAL MOVEMENT IN UNSATURATED
    SOILS (CHEMFLO)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 4

    CHEMFLO is a one-dimensional model that simulates the effects of
soil hydraulic properties on the movement of water and chemicals
in the unsaturated zone.

System: PARAMETER ESTIMATION SYSTEM FOR AQUIFER RESTORATION MODELS
     (OASIS)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: Apple Macintosh   /   MACINTOSH
System Level: 4

> OASIS is a graphical decision support system for ground-water
> modeling that provides regulators and scientists with a collection
> of tools to assess and analyze ground-water contamination problems.

System: PERDIDO BAY DATABASE (NONE)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Environmental Processes and Effects Research
Responsible Person: Flemer, David   (904) 934-9253

Hardware/Software: VAX   /   SAS - VAX
System Level: 0

> Approximately 18 sfs used to characterize hydrography of Perdido
> Bay, AL/FL including spatial, temporal variability. Variables
> include temperature, salinity, pH, DO, chlorophyll, seston, wind
> speed, direction, insulation, rainfall.

System: PESTICIDE AND INDUSTRIAL CHEMICAL RISK ANALYSIS AND HAZARD
     ASSESSMENT (PIRANHA)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Environmental Processes and Effects Research
Responsible Person: Burns, Lawrence   (706) 546-3511

Hardware/Software: IBM PC Stand Alone, VAX   /   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, biogeographical distribution of species at risk, meteor-
> ology 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 projecting chemical data onto
> biological and ecological risk assessments.

System: PESTICIDE ROOT ZONE MODEL (PRZM)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Durmont   (706) 546-3549

Hardware/Software: IBM PC Stand Alone, 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 TREATABILITY DATA BASE (PEST)
Responsible Organization:
   AA-Research and Development (ORD)   /
   Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Ferguson, David   (513) 569-7518

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 0

   The Pesticide Treatability Data Base lists more than 1500 pesti-
   cides currently in use in the United States or removed from the
   market in the last 20 years. Physical and chemical properties of
   the compounds, treatability data, Freundlich isotherm data, and
   other names by which the pesticides are known are listed when
   available as well as complete references for the sources from
   which the data were derived.

System: PHYSIOLOGICAL DATA ACQUISITION & STORAGE SYSTEM (PDAS)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Health Research
Responsible Person: Hillel, Koren   (919) 966-6200

Hardware/Software: Other, VAX   /   FORTRAN, ASSEMBLER, C
System Level: 4

   The PDAS System is used to assess the effects of human exposure to
   air pollution. It provides precise measurements of health indica-
   tors 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: PREDICTIVE TECHNIQUES FIELD VALIDATION (PTFV)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Stay, Frank   (218) 720-5542

Hardware/Software: VAX, IBM PC Stand Alone, IBM PC LAN Compatible   /
    FORTRAN
System Level: 2

   Predictive Techniques Field Validation is a database made up of
   field studies conducted to evaluate the effects of more than one
   concentration of toxic chemicals and parameters for bioenergetics
   models. The database is used to field validate predictive
   laboratory and modeling techniques.

System: PREMIXED ONE-DEMENSIONAL FLAME CODE (PROF)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Hall, Robert E.   (919) 541-2477

Hardware/Software: IBM 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,
    problems in which mass diffusion is not explicitly treated, such
    as well-stirred or plug flow reactors and fixed mass time-evolotion
    chemical kintetics problems can be handled. 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:
    AA-Research and Development (ORD)
Responsible Person: Neesmith, Roger   (706) 546-3430

Hardware/Software: IBM PC Stand Alone   /   DBASE III +, DRUN
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: PROXIMITY OF WASTE SITES TO SENSITIVE ENVIRONMENTS (PROXIMITY)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Lambou, Victor   (904) 644-6376

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

    This is an inventory of approximately 3,000 sites. The system is
    written in dBase III+ and PC-based.

System: QUANTITATIVE STRUCTURE ACTIVITY RELATIONSHIPS SYSTEM (QSAR)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Russom, Chris   (218) 720-5709

Hardware/Software: VAX   /
System Level: 2

> QSAR (Quantitative Structure Activity Relationship) is an expert
> system which provides immediate information on physical-chemical
> properties, fate and effects of organic chemicals to the environ-
> ment. QSAR utilizes structure-activity relationships, statistical
> methods which relate the structure, and physicochemical properties
> of compounds to biological activity. The QSAR system includes a
> database of measured physicochemical properties such as melting
> point, boiling point, vapor pressure, and water solubility as well
> as more than 56,000 molecular structures stored as SMILES (Simpli-
> fied Molecular Input Line Entry System) strings for specific
> chemicals. QSAR is a VAX-based system located at ERL-Duluth and
> the National Computer Center.

System: RADIO CHEMISTRY PROGRAMS FOR RADIATION CALCULATIONS (RADIO
    CHEM)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Huang, Kuen   (702) 798-2342

Hardware/Software: VAX   /   FORTRAN
System Level: 4

> The Radio Chemistry System consists of several user friendly
> interactive programs which allow the user to prepare radiation
> calculations for Tritium, Noble Gas, gross alpha/beta, and
> strontium.

System: REGULATORY AND INVESTIGATIVE TREATMENT ZONE MODEL (RITZ)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 4

> RITZ is a useful tool for predicting fate and transport
> potentials of hazardous organic constituents contained in
> contaminated soils. 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: RESEARCH TRACKING SYSTEM (RTS)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Environmental Processes and Effects Research
Responsible Person: Hunt, Evelyn   (218) 720-5509

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
     PROGRAMMED IN CLIPPER. DATABASES IN DBASEIII
System Level: 0

Tracks research technical information, tracks projects, tasks and
milestones, tracks publications produced by ERL-D scientists, and
cooperative agreement project officers.

System: RISK ASSESSMENT LIBRARY ON CD-ROM (NONE)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Health and Environmental Assessment
Responsible Person: Walentowicz, Rich   (202) 260-8922

Hardware/Software: IBM PC Stand Alone   /   WINDOWS APPLICATION
System Level: 2

The Risk Assessment Library on CD-ROM presents close to 200 docu-
ments concerning human exposure to a wide variety of chemicals.
These documents, collected in paper and magnetic form, are a repre-
sentative selection of documents collected from EPA Offices to form
the Risk Assessment Library of OHEA. The documents were scanned
for optical character recognition to create a database for distri-
bution of exposure and risk assessment information. This CD-ROM
primarily includes selected documents of the following types:
Health and Environmental Assessments; Health Assessment Documents;
Exposure and Risk Assessments; Miscellaneous methodology documents;
Exposure and Risk Assessment Guidelines. These documents discuss
environmental occurrence and draw conclusions about toxicity.

System: RISK*ASSISTANT (RISK*ASSIS)
Responsible Organization:
     AA-Research and Development (ORD)   /
     Dir-Health and Environmental Assessment
Responsible Person: Walentowicz, Rich   (202) 260-8922

Hardware/Software: IBM PC Stand Alone   /
System Level: 2

RISK*ASSISTANT is a microcomputer-based software system designed to
evaluate exposures and human health risks from chemicals in the
environment. Provides extensive help in performing a Risk
Assessment. R*A provides analytical tools, databases, and
information handling capabilities.

System: RREL TREATABILITY DATA BASE, VERSION 5.0 (RREL TDB)
Responsible Organization:
　　AA-Research and Development (ORD)　　/
　　Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Shaul, Glenn M.　　(513) 569-7408

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible　　/　　DBASE IV,
　　CLIPPER
System Level: 2

　　The RREL Treatability Data Base 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: SAMPLE TRACKING AND DATA MANAGEMENT SYSTEM (STDMS)
Responsible Organization:
　　AA-Research and Development (ORD)　　/
　　Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Huang, Kuen　　(702) 798-2342

Hardware/Software: VAX　　/　　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: SOIL TRANSPORT AND FATE DATABASE 2.0 AND MODEL MANAGEMENT SYSTEM
　　(STF)
Responsible Organization:
　　AA-Research and Development (ORD)　　/
　　Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David　　(700) 743-2294

Hardware/Software: IBM PC Stand Alone　　/　　DOS
System Level: 0

　　The STF database presents quantitative and qualitative information
　　concerning the behavior of organic and inorganic chemicals in soil
　　environments.

System: STORM WATER MANAGEMENT MODEL (SWMM4)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Durmont   (706) 546-3549

Hardware/Software: IBM ES/9000, 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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Barnwell, Tom   (706) 546-3180

Hardware/Software: IBM PC Stand Alone, VAX, SUN Sparc   /   FORTRAN
System Level: 2

> 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:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Landreth, Robert   (513) 569-7871

Hardware/Software: IBM PC Stand Alone   /   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:
    AA-Research and Development (ORD)
Responsible Person: Ryans, Robert   (706) 546-3306

Hardware/Software: VAX   /   BUILDER
System Level: 4

    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:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Baily, Robin   (702) 798-2566

Hardware/Software: VAX, IBM PC LAN Compatible   /   FOCUS
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: THE ENVIRONMENTAL FATE CONSTANTS INFORMATION SYSTEM (FATE)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Kollig, Heinz P.   (706) 546-3770

Hardware/Software: VAX   /   FOCUS
System Level: 2

    The FATE database provides environmental rate and equilibrium
    constants.

System: THE RETENTION CURVE COMPUTER CODE (RETC)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 4

    The RETC computer code provides an alternative to direct measure-
    ments of soil water retention curve and the hydraulic conductivity
    curve by using theoretical methods to predict these properties from
    more easily-measured and available soil water retention data.

System: TRAINING DATA SYSTEM (TDS)
Responsible Organization:
    AA-Research and Development (ORD)
Responsible Person: Kellum, Maxine   (706) 546-2231

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 4

    This internal system is used to track each employee's requested
    and completed training by fiscal year.

System: TWO DIMENSIONAL CONTAMINANT TRANSPORT UNDER THE INFLUENCE OF
    OXYGEN LIMITED BIODEGRADATION IN GROUND WATER (BIOPLUMEII)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Burden, David   (700) 743-2294

Hardware/Software: IBM PC Stand Alone   /   DOS
System Level: 0

    BIOPLUME II is a versatile two-dimensional numerical model that
    simulates the transport of dissolved hydrocarbons under the
    influence of oxygen-limited biodegradation in homogeneous and
    heterogeneous media.

System: VAC3D (VAC3D)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Cho, Jong Soo   (405) 332-8800

Hardware/Software: Not Applicable   /   FORTRAN
System Level: 0

    A three-dimensional computer model is developed to simulate and
    evaluate the remediation system of soil venting. This model uses
    the finite difference method to solve multiple partial differential
    equations.

System: VEGETATION COVER ADVISORY EXPERT SYSTEM (VEGCOV)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Greathouse, Dan   (513) 569-7869

Hardware/Software: IBM PC Stand Alone   /   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:
    AA-Research and Development (ORD)
Responsible Person: Miller, Karen   (702) 798-2615

Hardware/Software: VAX   /   FOCUS
System Level: 4

    System tracks order, receipt, and issue of laboratory and office
    supplies. Also provides information on usage history by organiza-
    tion.

System: WASTE ANALYSIS PLAN REVIEW ADVISOR (WAPRA)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Engineering and Technology Demonstration
Responsible Person: Waterman, Jerry   (513) 569-7834

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 2

    This system assists in the identification of chemical incompati-
    bilities 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:
    AA-Research and Development (ORD)   /
    Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Britton, Paul   (513) 569-7216

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible   /   FORTRAN
System Level: 4

    These studies involve semi-annual analyses of synthetic wastewater
    samples for up to 80 organic and inorganic analytes by laboratories
    doing routine wastewater analyses. Results often provide a partial
    basis for state wastewater laboratory certification.

System: WATER QUALITY ANALYSIS SIMULATION PROGRAM, VERSION 4 (WASP4)
Responsible Organization:
    AA-Research and Development (ORD)   /
    Dir-Environmental Processes and Effects Research
Responsible Person: Bouchard, Dermont   (706) 546-3549

Hardware/Software: Other, IBM PC Stand Alone   /   FORTRAN
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 4.32 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 LABORATORY PERFORMANCE EVALUATION STUDIES (WS)
Responsible Organization:
AA-Research and Development (ORD) /
Dir-Modeling Monitoring Systems Management and Quality Assurance
Responsible Person: Britton, Paul (513) 569-7216

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible / FORTRAN
System Level: 4

These studies involve semi-annual analyses of synthetic drinking
water samples for up to 170 organic and inorganic analytes by
laboratories seeking U.S. EPA certification to analyze drinking
waters. Results provide a partial basis for such certification.

System: WET LAB SALINITY AND TEMPERATURE MONITORING SYSTEM, GULF
BREEZE (WET LAB)
Responsible Organization:
AA-Research and Development (ORD)
Responsible Person: Moore, James (904) 934-9236

Hardware/Software: IBM PC LAN Compatible / MICROSOFT C FOR PC
System Level: 4

The Wet Lab/GB system operates on the PC platform to provide
continual monitoring of salinity, Ph, dissolved oxygen, temp-
erature, and conductivity on three independent channels. The PC
is connected to Hydrolab surveyor data loggers in line with water
paths. The system provides continual water quality data updated
every five years.

System: ACCIDENTAL RELEASE INFORMATION PROGRAM (ARIP)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Chung, David (202) 260-8942

Hardware/Software: IBM PC Stand Alone / DBASE IV
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 pre-
vent 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 (NONE)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Solid Waste
Responsible Person: Wright, Felicia   (703) 308-8634

Hardware/Software: IBM PC Stand Alone   /   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: BIENNIAL REPORTING SYSTEM (BRS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Solid Waste
Responsible Person: Fogarty, John P.   (202) 260-4697

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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, 1987, and 1989
    reports have been produced. Data reported for 1991 is being
    submitted for quality control. The next reporting cycle is for
    1993 data. The collection process for 1993 data begins in 1994.

System: CAPACITY ASSURANCE PLANNING (CAP) 1989 DATABASE (EPACAP)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Solid Waste
Responsible Person: Mercer, Trish   (703) 308-8408

Hardware/Software: IBM PC Stand Alone   /   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 capa-
    city and reductions due to waste minimization (not for 1987). The
    user views data by menu selection.

System: CASE STUDY DATABASE SYSTEM (CSDS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Solid Waste
Responsible Person: Smith, Newman   (703) 308-8757

Hardware/Software: IBM PC Stand Alone   /   DBASE III
System Level: 4

    This system was developed to facilitate locating case specific in-
formation 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: CLEANLAN SYSTEM (CLEANLAN)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Lee, Maja   (703) 603-8904

Hardware/Software: IBM PC LAN Compatible   /   FOXBASE
System Level: 3

    CLEANLAN is the US Corp. of Engineers project planning system.
Sites where USACE is providing EPA/OERR with assistance are
identified in WASTELAN by the EPA RPM. This data is sent to
CLEANLAN via CERCLIS. The EPA RPM and the CLEANLAN project manager
can then jointly view, discuss, plan, and update the site project
schedule.

System: CLP ANALYTICAL RESULTS AND QUALITY ASSURANCE DATABASE (CARD)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER) /
Dir-Emergency and Remedial Response
Responsible Person: Eng, David   (703) 603-8827

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN
Compatible   /   ADABAS/NATURAL/C
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: COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND
LIABILITY INFORMATION SYSTEM, VERSION 2 (CERCLIS)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER) /
Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike   (202) 260-2131

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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
purposes: maintain an automated inventory of abandoned, inactive,
or uncontrolled hazardous waste sites and act as a vehicle for re-
gions to report HQ status of major stages of site clean-up. A hot-
line will support CERCLIS V 2.0 operations at HQ and regional pro-
gram offices. The System provides a decentralized national system
where each region controls and enters its respective data on re-
gional 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 DATA REVIEW AND EVALUATION (CADRE)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)   /
Dir-Emergency and Remedial Response
Responsible Person: Eng, David S.   (703) 603-8827

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
DOS/PASCAL
System Level: 2

CADRE is a PC-based system for processing chemical analysis data.
It performs three functions: data input, data validation, and data
reporting. It automates the validation of data generated from
chemical analyses of contaminants in soil and water environmental
samples that are analyzed according to the CLP methods. It is
intended as a tool to automate a portion of the EPA Regions' data
review process.

System: COMPUTER-AIDED MANAGEMENT OF EMERGENCY OPERATIONS (CAMEO)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Bishop, Kathleen   (202) 260-5338

Hardware/Software: IBM PC Stand Alone, 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 Admin-
istration. CAMEO provides users with database templates for
facility, transportation, population, contact, response resource
and shipper information. CAMEO also contains a chemical identifi-
cation database (Codebreaker) and a chemical response information
database (RIDS). CAMEO has capability to access CENSUS TIGER FILES
for mapping and demographic applications.

System: CONSOLIDATED LIST OF CHEMICALS SUBJECT TO REPORTING UNDER
EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT (LOL)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Bishop, Kathleen   (202) 260-5338

Hardware/Software: IBM PC Stand Alone   /   DBASE III
System Level: 0

The system is a database containing the specific chemicals listed
for reporting under the Emergency Planning and Community Right-To-
Know Act along with threshold and reportable quantities and RCRA
codes. It is also available in paper copies from the EPCRA hot-
line.

System: CONTINUOUS RELEASE-EMERGENCY RESPONSE SYSTEM (CR-ERNS)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)   /
Dir-Emergency and Remedial Response
Responsible Person: Cattell, Robert   (703) 603-9054

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   CLIPPER,
FORTRAN
System Level: 3

CR-ERNS is an integrated data base management system and screening
level risk assessment model developed by EPA's Emergency Response
Division. It assists the implementation of the Continuous Release
reporting regulations issued under section 103(f)(2) of CERCLA,
CR-ERNS and the risk assessment model (PAM) are installed in each
EPA region, typically on regional WASTELAN Networks which current-
ly house the existing software.

System: DELISTING PETITION TRACKING SYSTEM (DPDMS)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Kayser, Bob   (202) 260-2224

Hardware/Software: Other   /   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:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Stalcup, Dana   (703) 603-8735

Hardware/Software: VAX, IBM PC Stand Alone   /   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 informa-
tion on specific releases, including the reported discharger, date
of release, material released, cause of release, damage or in-
juries 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
    (VERSION II) (ERIS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Waste Programs Enforcement
Responsible Person: Lamber, Kurt   (703) 603-8986

Hardware/Software: IBM PC Stand Alone, Other   /   TEXTBASE
System Level: 2

ERIS is a database that consists of resume summaries of individuals
with expertise in technical areas used in the identification and
selection of expert witnesses and expert consultants for hazardous
waste cases.

System: FEDERAL FACILITIES INVENTORY SYSTEM (FFIS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Solid Waste
Responsible Person: Shuster, Ken   (703) 308-8759

Hardware/Software: IBM PC Stand Alone   /   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 monitoring, and site hydrology, environmental damage
and any response actions.

System: FIRM FACILITY FINANICAL DATA BASE (F3DB)
Responsible Organization:
   AA-Solid Waste and Emergency Response (OSWER)   /
   Dir-Solid Waste
Responsible Person: Coe, Ed   (703) 308-8624

Hardware/Software: Other   /   SAS
System Level: 3

This system provides access to the available financial and owner-
ship data on active TSD facilities. The data was verified using
various public and private financial service resources. The system
was used in revising the financial test instrument. It
also provides a description 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: HAZARDOUS WASTE DATA MANAGEMENT SYSTEM (HWDMS)
Responsible Organization:
   AA-Solid Waste and Emergency Response (OSWER)   /
   Dir-Solid Waste
Responsible Person: Inman, Donna   (202) 260-5992

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   SYSTEM 2000,
   FOCUS
System Level: 1

The Hazardous Waste Data Management System was permanently
archived in January 1992, and replaced with the Resource Conserva-
tion and Recovery Information System (RCRIS). It is no longer
available at NCC on-line.

System: HYPERVENTILATE: A SOFTWARE GUIDANCE SYSTEM CREATED FOR VAPOR
    EXTRACTION APPLICATIONS (HYPERVENT)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Underground Storage Tanks
Responsible Person: Wiley, David   (703) 308-8877

Hardware/Software: IBM PC Stand Alone, Apple Macintosh   /   APPLE MAC
    HYPERCARD;IBM PC-COMPATIBLE,WINDOWS
System Level: 4

HyperVentilate is user-friendly software that can help you use
vapor extraction (soil venting) technology. This software guides
the user through a structured thought process that involves:
1) Identifying and characterizing required site-specific data.
2) Deciding if soil venting is appropriate at a specific site.
3) Evaluating air permeability test results.
4) Calculating the minimum number of vapor extraction wells needed.
5) Illustrating how the results at a specific site might differ
   from the ideal case.

System: NATIONAL OIL AND HAZARDOUS SUBSTANCE CONTINGENCY POLLUTION PLN
    SYSTEM (NCP)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Walker, Stuart   (703) 603-9035

Hardware/Software: IBM PC LAN Compatible   /   WP
System Level:

The National Oil & Hazardous Substances Contingency Pollution Plan
of 1990 (NCP) provides the regulatory framework for the Compre-
hensive Environmental Response, Compensation, and Liability Act
(CERCLA), as amended by the 1986 Superfund Amendments and Reautho-
rization Act of 1986 (SARA). This revised NCP was promulgated to
implement regulatory changes necessitated by SARA, as well as to
clarify existing NCP language and to reorganize the NCP to coincide
more accurately with the sequence of response.

System: OERR OFFICE AUTOMATION SYSTEM (OASYS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike   (202) 260-2131

Hardware/Software: IBM PC Stand Alone   /   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: OFFICE OF WASTE PROGRAMS ENFORCEMENT CONTROL CORRESPONDENCE
SYSTEM (OWPE CCIS)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)   /
Dir-Waste Programs Enforcement
Responsible Person: Williams, Darlene   (202) 260-5549

Hardware/Software: IBM PC Stand Alone   /   DBASE III+
System Level: 3

This system tracks all OWPE Control Correspondence. The system is
designed to track and monitor official correspondence received for
the Director of the Office of Waste Programs Enforcement, tasks
initiated within OSWER, OWPE and the Freedom of Information Office.
The system is designed to run on an IBM PC, AT or compatible
computer with 640 kilobytes (640k) of random access memory.

System: OSWER BUDGET SYSTEM (NONE)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Barton, Kathy   (202) 260-6759

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   DBASE
IV
System Level: 3

dBase program to assist OSWER budget staff in preparing
congressional budget request. Designed to combine each program
office's submission into an OSWER database and print standard
budget reports. Also flexibility to create ad hoc reports and
modify existing reports if needed.

System: OSWER DATA RESOURCE DIRECTORY (DRD)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Melley, Marylou   (202) 260-6860

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
DBASE
System Level: 3

The OSWER Data Resource Directory provides the capability to access
information concerning OSWER systems, 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.

System: OSWER DIRECTIVES SYSTEM (OSWERDS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Webster, Johnsie   (202) 260-4510

Hardware/Software: IBM PC Stand Alone   /   DBASE III
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 annually. 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: PRELIMINARY ASSESSMENT SCORING SYSTEM (PA-SCORE)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Fontaine, Timothy   (703) 603-8829

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   C
System Level: 4

PA-SCORE is a scoring program designed to support scoring and
reporting of Preliminary Assessment data on Hazardous Waste Sites
evaluated under CERCLA.

System: PRELIMINARY RANKING EVALUATION SCORE (PRESCORE)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Reesor, Greg   (703) 603-9017

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   COMPILED
    C
System Level: 2

The PREscore computer software has been developed to assist Super-
fund Site Assessment investigators perform Hazardous Ranking System
(HRS) scoring. The HRS is used to assess the relative threat
associated with actual or potential releases of hazardous substan-
ces to ground water, surface water, soil, and air. The HRS is the
primary means by which EPA evaluates site for placement on the
National Priority List. PREscore has been designed to be user-
friendly, allowing for flexible entry of specific site data into a
series of hierarchical spreadsheets. Software features include
instant HRS score calculation, and continuous score display result-
ing in capability to test multiple site scoring scenarios. The
software contains ext. help screens and documentation capabilities.

System: RCRA ADMINISTRATIVE ACTION TRACKING SYSTEM (RAATS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Waste Programs Enforcement
Responsible Person: Ashe, Karin   (202) 260-5870

Hardware/Software: IBM PC Stand Alone   /   PC FOCUS
System Level: 2

RAATS is a PC-FOCUS system used by EPA HQ to track EPA administra-
tion action activities. It is also used for congressional inform-
ation requests and responses for 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 IMPORT-EXPORT TRACKING SYSTEM (RIETS)
Responsible Organization:
   AA-Solid Waste and Emergency Response (OSWER)   /
   Dir-Waste Programs Enforcement
Responsible Person: Bushee, Bill   (202) 260-9356

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   PROPOSED TO BE
   CLIPPER
System Level: 3

   The purpose of RIETS is to store, track, report, and analyze
   Import and Export Notifications which involve the movement of
   hazardous waste into and out of the U.S. The data gathered for
   the system will come from Import and Export Notifications, Trans-
   porter information, Manifests, and other related information that
   can be provided from other countries, states, regions, and other
   government agencies. Specific information tracked is waste type,
   disposal methods, quantity of waste, etc., for historical and
   resource purposes.

System: REPORTABLE QUANTITIES DATA BASE (RQ DB)
Responsible Organization:
   AA-Solid Waste and Emergency Response (OSWER)   /
   Dir-Emergency and Remedial Response
Responsible Person: Perry, Gerain   (703) 603-8732

Hardware/Software: IBM PC Stand Alone, VAX   /   ORACLE/FORTRAN
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 micro-
   computer. 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:
    AA–Solid Waste and Emergency Response (OSWER)   /
    Dir–Solid Waste
Responsible Person: Phelps, Kevin   (202) 260-4697

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, Other   /   FOCUS
System Level: 1

    RCRIS was fully implemented on December 24, 1991. It replaces the
permanently archived HWDMS system as the major system supporting
the RCRA program. RCRIS accommodates new data as required by the
1984 HSW Amendments. 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: SUPERFUND CHEMICAL DATA MATRIX (SCDM)
Responsible Organization:
    AA–Solid Waste and Emergency Response (OSWER)   /
    Dir–Emergency and Remedial Response
Responsible Person: Johnson, Art   (703) 603-9017

Hardware/Software: IBM PC Stand Alone   /   CLIPPER
System Level: 4

    The Superfund Chemical Data Matrix (SCDM) is a source for factor
values and benchmark values to be applied in evaluating hazardous
substance sites with the Hazard Ranking System (HRS). The HRS
requires assigning factor values for gas migration potential,
toxicity, ground water mobility, surface water persistence, and
bioaccumulation potential. The assigned factor values are based on
the physical, chemical, and radiological properties of hazardous
substances (which are defined for HRS purposes as CERCLA hazardous
substances plus CERCLA pollutants and contaminants) available at a
site for the pathway being evaluated. The printouts from this data
base are employed to promote consistency and make the job of
scoring easier.

System: SUPERFUND DOCUMENT MANAGEMENT SYSTEM (SDMS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Jenkins, Elizabeth (Lisa)   (202) 260-7951

Hardware/Software: IBM PC LAN Compatible, Other   /   TECHLAW
    INTELLEX, HIGHLAND HIGHVIEW, WINDOWS
System Level: 2

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 with full
text indexing capabilities. The concept is to deploy a system
in each region to handle the site files in that region. Each
region will make its own decision concerning implementation.

System: SUPERFUND NATIONAL PRIORITIES LIST (NPL) ASSESSMENT PROGRAM
    (SNAP)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Emergency and Remedial Response
Responsible Person: Zaragoza, Larry J.   (703) 603-8867

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER WITH VISUAL
    INTERFACE
System Level: 3

The Superfund NPL Assessment Program (SNAP) is an automated data
processing system that provides users access to data on Superfund
sites that have been placed on the NPL (National Priorities List).
The system contains ad hoc database query capabilities, as well as
standard reports. Information in this system includes: original
or revised HRS scoring; narrative summary of site; key chemical
contaminants; HRS scoring results and related data; and characteri-
zation data (e.g., type of industry associated with waste, land
use.)

System: SUPERFUND SITE SELECTION SUPPORT SYSTEM (SSSSS)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Fiedler, Linda   (703) 308-8799

Hardware/Software: IBM PC Stand Alone   /   DBASE III+, FOXBASE
System Level: 4

Originally designed to support technology/site matching for the ORD
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:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Waste Programs Enforcement
Responsible Person: Harvell, Rose   (703) 603-8977

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   CLIPPER
    5.01
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 (NONE)
Responsible Organization:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Underground Storage Tanks
Responsible Person: Foskett, William   (202) 260-7870

Hardware/Software: IBM PC Stand Alone   /
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:
    AA-Solid Waste and Emergency Response (OSWER)   /
    Dir-Underground Storage Tanks
Responsible Person: Waldrip, Gregory   (703) 308-8892

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    REVELATION
System Level: 2

> The UST-DMS is a data management system adopted by many states.
> The System 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. The system
> provides State UST programs with consistent information for
> compliance and enforcement activities.

System: VENDOR INFORMATION SYSTEM FOR INNOVATIVE TREATMENT
TECHNOLOGIES (VISITT)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Fiedler, Linda   (703) 308-8799

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   CLIPPER
5.01
System Level: 2

VISITT is an interactive database of innovative technologies for
waste site remediation. This database contains information
provided to U.S. EPA's Technology Innovation Office by technology
developers, manufacturers and suppliers. It is provided as a
service to potential technology users. Information on technologies
includes technology description, cost and performance data,
equipment availability, experience, waste applicability and
literature citations.

System: WASTELANDS (WASTELAN)
Responsible Organization:
AA-Solid Waste and Emergency Response (OSWER)   /
Dir-Emergency and Remedial Response
Responsible Person: Cullen, Mike   (202) 260-2131

Hardware/Software: IBM PC Stand Alone   /   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:
AA-Solid Waste and Emergency Response (OSWER)
Responsible Person: Barton, Kathy   (202) 260-6759

Hardware/Software: IBM PC Stand Alone   /   DBASEIII, 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 config-
uration 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+.
Items are tracked by system ID and/or serial number.

System: ADDITIVES INFORMATION SYSTEM (AIS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Saxena, Jeet   (202) 260-9579

Hardware/Software: 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.

System: ADMINISTRATIVE ORDER TRACKING SYSTEM (AOTS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Bahor, Peter   (202) 260-7280

Hardware/Software: IBM PC Stand Alone   /
System Level: 2

    AOTS is a HQ's-run database which is updated quarterly with
    regional administrative orders. Various data elements are tracked
    including proposed and final issuance dates, as well as, penalty
    assessed information and violation information.

System: ADMINISTRATIVE PENALTY ORDERS INVENTORY AND TRACKING SYSTEM
    (NONE)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Keith, Ken   (202) 260-3714

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 4

    Inventory of proposed and final Federal Administrative Penalty
    Orders for violations of the Clean Water Act in the National
    Pollutant Discharge Elimination System (NPDES) and Pretreatment
    programs. These Administrative Penalty Orders are issued by EPA's
    Regional Offices.

System: AMBIENT MONITORING SYSTEM (DATATRAK)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Luey, James   (303) 293-1577

Hardware/Software: IBM PC Stand Alone   /   DBASE III
System Level: 3

> System design allows user to identify which permittees are moni-
> toring what ambient surface water parameters. The user can identi-
> fy as many as 21 parameters including how often sampling was done
> at each site. System is used in comparison studies and assist in
> wasteload allocation (WLA) modeling.

System: ASIWPCA FILE (NONE)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE
System Level: 2

> This system accesses various files and data and generates reports
> which are used to describe the quality of selected water bodies in
> a state.

System: CITY AND COUNTY FILES MASTER FILE (CMF)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE (IHS)
System Level: 2

> CMF contains locations and population information for major cities
> in the U.S. This file is no longer active but the data are still
> used.

System: CLEAN LAKES CLEARINGHOUSE (CLC)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Ratcliffe, Susan   (202) 260-5404

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

The Clean Lakes Clearinghouse collects, organizes, and dissemi-
nates information on lake restoration, management and protection.
The database includes citations and abstracts of technical reports,
conference papers, journal articles, and other published materials,
indexed by keyword, title, author, state/region, and date. The
database is maintained on the U.S. EPA mainframe, with periodic
downloads for use on computerized bulletin boards and user PC's.
The Clearinghouse staff responds to inquiries and provides printed
bibliographies on lake topics.

System: CLEAN LAKES PROGRAM MANAGEMENT SYSTEM (CLPMS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Ratcliffe, Susan   (202) 260-5404

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER APPLICATION OF DBASE
System Level: 3

The purpose of CLPMS is to assist states, EPA regions, and EPA
Headquarters in managing administrative and technical data about
Clean Lakes Program projects. Operationally, CLPMS assists the
grant application, review and approval process and functions as a
project tracking tool during project performance. By maintaining
a database of projects from the beginning of the Clean Lakes Pro-
gram, CLPMS provides a capability for analysis of lake restoration
and management techniques and a perspective on the success of the
overall program.

System: CONSTRUCTION GRANTS RESOURCE MODEL (CGPRM)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Fitch, Leonard   (202) 260-5858

Hardware/Software: IBM PC Stand Alone   /   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 work-
loads, the status of delegatable functions and a list of program-
matic activities. Additionally, the model estimates staffing
needs for regions.

System: DESIGN CONDITIONS PROGRAM (DESCON)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Biswas, Hiranmay   (202) 260-7012

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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 perform-
   ance, 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 re-
   trieval 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:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Biswas, Hiranmay   (202) 260-7012

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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: DRINKING WATER SUPPLY FILE (DWS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE
System Level: 2

   This system contains location information on drinking water sites
   in the United States.

System: EFFLUENT DATA STATISTICS SYSTEM (EDSS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Rubin, Steven H.   (202) 260-8557

Hardware/Software: IBM 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: ENVIRONMENTAL MONITORING METHODS INDEX (EMMI)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Science and Technology
Responsible Person: Telliard, William   (202) 260-5131

Hardware/Software: IBM PC Stand Alone   /   SYSTEM J
System Level: 2

The EMMI is a computerized catalog of information on environmental-
ly significant chemical substances monitored by the EPA, methods
for their analysis, and the regulatory and office-based lists on
which they appear. EMMI combines rapid look-up capabilities with
a user-friendly interface and easily accessible data. Information
on more than 2400 unique analytes that are identified on 40 statu-
torily mandated and office-based lists, and approximately 900
analytical methods is contained in the system. Regulatory lists
include all Clean Water Act, Clean Air Act, RCRA, SDWA, and CERCLA
lists.

System: FEDERAL REPORTING DATA SYSTEM (FRDS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Dorsey, TOwana   (202) 260-2805

Hardware/Software: IBM 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 Public Water Supervision program (PWSS).
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 contains compliance information
from 1980 to the present and relates follow-up actions to specific
violations.

System: FISH ADVISORY SPECIAL INTEREST GROUP LOCATED ON NON-POINT
   SOURCE BULLETIN BOARD (NONE)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Science and Technology
Responsible Person: Greene, Alison   (202) 260-7053

Hardware/Software: IBM PC Stand Alone, Apple Macintosh, IBM PC LAN
   Compatible   /   PC BOARD
System Level: 2

> The Fish Advisory Special Interest Group (SIG) provides state
> officials and the public with access to information about state
> fish consumption advisories and bibliographic information related
> to these advisories. The SIG contains several features including
> a "Help" options menu, an area which contains bulletins that
> announce/summarize recent journal articles and reports, an area
> where text and program computer files can be uploaded/downloaded
> and an area to post public announcements.

System: FRDS-II DATA ENTRY (FRDS-II)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Ground Water and Drinking Water
Responsible Person: Davis, Arnetta   (202) 260-2803

Hardware/Software: Not Applicable   /   CLIPPER
System Level: 0

> FRDS-DE is software that assists users to upload more accurate
> data into FRDS-II on the mainframe.

System: GAGE AND DAM FILES (GD)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE (IHS)
System Level: 2

> This system contains the locational data for gaging stations and
> dams throughout the United States.

System: GRANTS INFORMATION AND CONTROL SYSTEM -- CONSTRUCTION GRANTS /
    STATE REVOLVING FUND (GICS-CG)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Latta, Jannie   (202) 260-5831

Hardware/Software: IBM ES/9000   /   ADABAS/NATURAL 2
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 the IBM mainframe.

System: HAZARDOUS WASTE INJECTION WELL DATA BASE (HWIWDB)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Salazar, Mario   (202) 260-5561

Hardware/Software: IBM PC Stand Alone   /   DBASE
System Level: 0

> Data base includes the description of approximately 300 high-
> technology, deep injection wells injecting industrial wastes.
> Almost 200 of these wells inject RCRA hazardous waste. Description
> includes: location, siting, hydrology, engineering, chemical,
> compliance, and operational information.

System: INDUSTRIAL FACILITIES DISCHARGE FILE (IFD)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE (IHS)
System Level: 2

> Contains logistical information for facilities discharging into the
> nation's waters.

System: INVENTORY OF CERTIFIED LABS (ICL)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Glick, Ed   (513) 569-7939

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 2

> List of Laboratories, Certified by contaminants, to perform
> compliance monitoring as required by the SDWA Amendments of 1986.

System: JUDICIAL CASE REVIEW TRACKING SYSTEM (CASEREF)
Responsible Organization:
AA-Water (OW)   /
Dir-Wastewater Enforcement and Compliance
Responsible Person: Lim, Elson   (202) 260-8321

Hardware/Software: Not Applicable   /   DBASE III+
System Level: 3

The purpose of the system is to track internally the progress and status of all ongoing CWA judicial cases and to maintain a histori-cal record of all processed cases. Information generally contained in the system includes: facility name and location of the case, facility type, type of enforcement action, and penalty assessed.

System: NATIONAL 304 (L) SHORT LIST DATA BASE (NONE)
Responsible Organization:
AA-Water (OW)   /
Dir-Wastewater Enforcement and Compliance
Responsible Person: Wood, Robert K.   (202) 260-9536

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

This data base is used to maintain an inventory of point sources that discharge toxic pollutants into waters identified as water quality impaired under section 304(l) of the CWA. Data are stored for the point sources discharging to those waters. The data base is used by staff to track the development and issuance of individuals control strategies for those point sources; to track changes in the list of point sources and to track the compliance dates in the permits.

System: NATIONAL 304(L) SHORT LIST DATABASE (NONE)
Responsible Organization:
AA-Water (OW)   /
Dir-Wastewater Enforcement and Compliance
Responsible Person: Pendergast, James   (202) 260-9537

Hardware/Software: Not Applicable   /   DBASE
System Level: 3

This data base is used to maintain an inventory of point sources that discharge toxic pollutants into waters identified as water quality impaired under section 304(l) CWA requirements. The data base includes information on 686 point sources discharging to those waters, and is used to track the issuance of individual control strategies for those point sources.

System: NATIONAL MUNICIPAL POLICY INVENTORY AND TRACKING SYSTEM (NMP)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Wastewater Enforcement and Compliance
Responsible Person: Nester, Brian   (202) 260-8317

Hardware/Software: Not Applicable   /   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 SEWAGE SLUDGE SURVEY (NSSS)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Science and Technology
Responsible Person: White, Chuck   (202) 260-5411

Hardware/Software: IBM ES/9000, Other, IBM PC Stand Alone   /   SAS, VERSION 5, AND
     ASCII
System Level: 2

   This system contains the questionnaire and chemical analytical
   portions of a one-time survey and data conventions used for
   regulatory analyses. The questionnaire portion contains responses
   from a national survey of treatment practices and disposal practi-
   ces at Publicly Owned Treatment Works (POTWs). The chemical
   analytical portion contains measurements of sludge from a subset
   of the respondents to the questionnaire. Both surveys used
   stratified random sampling procedures suitable for the develop-
   ment of unbiased national estimates.

System: NEEDS SURVEY (NEEDS)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Wastewater Enforcement and Compliance
Responsible Person: Fitch, Leonard   (202) 260-5858

Hardware/Software: IBM ES/9000   /   IHS DATABASE
System Level: 2

   NEED DATA BASE provides information on waste water treatment
   facilities currently in operation or planned for the next
   twenty years.

System: NPDES DISCHARGE MONITORING REPORT (DMR)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wastewater Enforcement and Compliance
Responsible Person: Ng, Dela   (202) 260-8313

Hardware/Software: Not Applicable   /   HARDCOPY FILES
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: ODES DATA ENTRY SYSTEM (ODES)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   MAINFRAME
System Level: 2

Under section 301(h) of the Clean Water Act, dischargers with
301(h) modified NPDES permits provide required monitoring informa-
tion 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: OFFICE OF GROUND WATER AND DRINKING WATER AND THE OFFICE OF
        SCIENCE AND TECHNOLOGY (OST) CLEARINGHOUSE (DOCIT)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Science and Technology
Responsible Person: Mabbitt, Morris   (202) 260-3963

Hardware/Software: IBM PC Stand Alone   /   CLIPPER
System Level: 0

Contains a description of OGWDW and OST documents and products
(i.e., videotapes, posters, etc.)

System: PACKED COLUMN AERATION SYSTEM DESIGN PROCEDURE (PCAS)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Ground Water and Drinking Water
Responsible Person: Cummins, Mike   (519) 569-7979

Hardware/Software: Other   /   H-P SERIES 300 DESKTOP COMPUTER BASIC
     LANG.
System Level: 3

     Cost optimized design of packed column air stripping unit for
     drinking water applications.

System: PARAMETER (PARM) FILE (NONE)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE
System Level: 0

     The system contains information for over 13,000 constituents and
     is used by both Permit Compliance System (PCS) and STORET to
     indicate the item to be stored into these systems.

System: PERMIT COMPLIANCE SYSTEM (PCS)
Responsible Organization:
     AA-Water (OW)   /
     Dir-Wastewater Enforcement and Compliance
Responsible Person: Ng, Dela   (202) 260-8313

Hardware/Software: IBM 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 COMPLIANCE MONITORING AND ENFORCEMENT SYSTEM (PCME)
Responsible Organization:
AA-Water (OW)   /
Dir-Wastewater Enforcement and Compliance
Responsible Person: Okster, Lee   (202) 260-8329

Hardware/Software: Other   /   DBASE III+
System Level: 4

The PCME is a PC-based system used by POTWs to track the compliance status of regulated industrial users under the pretreatment program. The system is provided by EPA to POTWs with approved pretreatment programs as well as states which run individual pretreatment programs.

System: REACH CHARACTERISTICS FILE (NONE)
Responsible Organization:
AA-Water (OW)   /
Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   PL/1, 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: REACH FILE (RF)
Responsible Organization:
AA-Water (OW)   /
Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN Compatible   /
PL1
System Level: 1

This file contains stream traces and locational data for virtually all of the stream segments in the U.S. It will allow the analysis of water data hydrologically showing cause and effect relationships. Most Office of Water systems will access the data to integrate data by stream segment.

System: RECORDKEEPING OF PERMIT REQUIRED REPORTS FOR NPDES (NONE)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Ng, Dela   (202) 260-8313

Hardware/Software: Not Applicable   /   MANUAL
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: RESOURCE CENTER INFORMATION SYSTEM (RCIS)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Ground Water and Drinking Water
Responsible Person: Shaw, Charlene   (202) 260-2285

Hardware/Software: IBM PC Stand Alone   /   CLIPPER
System Level: 4

   The Resource Center Information System is a bibliographic data base
   of documents produced by the Office of Ground Water and Drinking
   Water. RCIS is currently being expanded to include publications
   produced by the Office of Science and Technology and the Office of
   Wastewater Enforcement and Compliance.

System: RF3 MAPPING AND DATA DISPLAY MANAGER; REACH FILE (RF3MDDM)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   PL/1, SAS
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: STATE REVOLVING FUND AWARD LIST (NONE)
Responsible Organization:
      AA-Water (OW)   /
      Dir-Wastewater Enforcement and Compliance
Responsible Person: Farber, Kit   (202) 260-3973

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   LOTUS 1-2-3 FOR
      PC
System Level: 2

      The system contains information on capitalization grants awarded
      to states under the State Revolving Fund (SRF) program. Informa-
      tion is available on capitalization grants first awarded in Fiscal
      Year 1988 (FY88) through the present time. Information is provided
      for each state and EPA region.

System: STATE REVOLVING FUND INFORMATION DATA BASE (NONE)
Responsible Organization:
      AA-Water (OW)   /
      Dir-Wastewater Enforcement and Compliance
Responsible Person: Farber, Kit   (202) 260-3973

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   DBASE FOR
      PC
System Level: 2

      The system contains information on State Revolving Fund (SRF)
      programs operated by each state. Information includes: state
      agency administering SRF, state contact, other similar state loan
      and grant programs, eligible activities funded, types of assistance
      provided, SRF loan interest rates, sources for capitalization of
      SRF, sources for required state match, and leveraged SRF programs.

System: STATE WELLHEAD PROTECTION DELINEATION COMPONENT DATABASE (WPD)
Responsible Organization:
      AA-Water (OW)   /
      Dir-Ground Water and Drinking Water
Responsible Person: Marshall, Jane   (202) 260-8897

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
      DBASE III+ WITH CLIPPER COMPILER
System Level: 2

      WPD, the State Wellhead Protection Program Delineation Component
      Database, is a compilation of delineation approaches within EPA
      approved State/Tribal Wellhead Protection Programs. The delinea-
      tion data will provide EPA with an overview of specific delineation
      approaches for public water supply wells located in particular
      hydrogeologic settings for States/Tribes with approved technical
      hydrogeologic and delineation information to States/Tribes who do
      not yet have approved programs.

System: STORAGE AND RETRIEVAL OF WATER QUALITY INFORMATION (STORET)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Hoelman, Louie H.   (202) 260-7050

Hardware/Software: IBM ES/9000   /   PL/1, FORTRAN
System Level: 1

> The STORET system assists State and EPA officials in making pollu-
> tion 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; evalu-
> ating 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: STORET - DAILY FLOW SYSTEM (DFS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   PL1
System Level: 1

> This system contains the data from the USGS daily flow file. EPA
> gets an update file every six months which is entered into the
> file. There are some analytical capabilities built in.

System: STORET - FISH KILL FILE (FK)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   PL1
System Level: 2

> This file contains data from fish kills caused by pollution. It
> indicates the location, the number in the kill, and possible
> causes. The data are reported by individuals as well as govern-
> mental organizations. The file is maintained but it is no longer
> being updated.

System: STORET - WATER QUALITY SYSTEM (WQS)
Responsible Organization:
AA-Water (OW)   /
Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   PL1
System Level: 1

The Agency's largest information management system - it contains
the results of monitoring activities at over 750,000 sites and is
accessed by states and federal agencies. It also contains built-in
analytical tools and data can easily be downloaded to PCs. It is
used to assess the nation's water both surface and ground water.

System: SUMMARY OF STATE AND FEDERAL DRINKING WATER STANDARDS AND
GUIDELINES (NONE)
Responsible Organization:
AA-Water (OW)   /
Dir-Science and Technology
Responsible Person: Borum, Denis   (202) 260-8996

Hardware/Software: Other   /   DBASE
System Level: 4

This system contains the results of the 1989 survey of State and
Federal drinking water standards and guidelines as of January 1,
1989, conducted by the Federal/State Toxicology and Regulatory
Alliance Committee (FSTRAC). The database contains information
from 41 States, including information on existing and planned
standards, descriptions of State Drinking Water Programs, and State
recommendations on contaminants for which there should be future
Federal standards development.

System: TECHNICAL SUPPORT DIVISION SAMPLE TRACKING SYSTEM (TSD)
Responsible Organization:
AA-Water (OW)   /
Dir-Ground Water and Drinking Water
Responsible Person: Newport, Bonita   (513) 569-7934

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   DBASE
III+
System Level: 3

The system tracks all water samples being taken for special
studies.

System: UNDERGROUND INJECTION CONTROL MENU SYSTEM (UICMENU)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Ground Water and Drinking Water
Responsible Person: Pike, Tom   (303) 293-1544

Hardware/Software: IBM PC Stand Alone   /   DBASE IV
System Level: 3

> The UICMENU system is a menu-driven, relational data management
> system written in DBASE IV. The system contains most mandatory
> data elements as defined by the EPA, Office of Drinking Water in
> "Final Data Management Guidance #68 and Response to Comments" dated
> July 20, 1990. The system is organized on an individual well basis
> and maintains information on operator/owned contacts and addresses,
> specific inventory information, inspections, mechanical integrity
> tests, monitoring and reporting, compliance, with regulations or
> permit conditions, financial demonstrations, and permitting
> actions. Standard reports can be printed for reporting to EPA
> Headquarters along with ticklers for Section use and greater pro-
> gram effectiveness.

System: UNREGULATED CONTAMINANTS INFORMATION SYSTEM (URCIS)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Ground Water and Drinking Water
Responsible Person: Walasek, James   (513) 569-7919

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   FOCUS,
   CLIPPER/DBASE
System Level: 4

> This system, currently under development, contains the results of
> monitoring done by public water supply systems (PWS) to detect the
> presence of unregulated contaminants (those with no MCLs) in their
> surface and/or ground water supplies. Information contained in the
> system includes, but is not limited to: the PLUS identification #
> and other system information, when and where the sample was
> collected; analysis method; and analytical results.

System: WATER QUALITY ANALYSIS SYSTEM (WQAS)
Responsible Organization:
   AA-Water (OW)   /
   Dir-Wetlands, Oceans, and Watersheds
Responsible Person: King, Bob   (202) 260-7028

Hardware/Software: IBM ES/9000   /   IN-HOUSE SOFTWARE
System Level: 1

> This system is used as an analytical tool which accesses various
> Office of Water files. It is used to retrieve locational data;
> maps and plots can be generated as well.

System: WATERBODY SYSTEM (WBS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Wetlands, Oceans, and Watersheds
Responsible Person: Clifford, John J.   (202) 260-3667

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   FOXPRO
    (MAINFRAME VERSION WILL BE IN DB2).
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: WELL ACTIVITIES TRACKING, EVALUATION AND REPORTING SYSTEM
    (WATERS)
Responsible Organization:
    AA-Water (OW)   /
    Dir-Ground Water and Drinking Water
Responsible Person: Anzzolin, Roger   (202) 260-7282

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    DBASE/2, CLIPPER, MAPINFO
System Level: 4

    WATERS is a PC-based data management system for disposal wells
    under the Underground Injection Control Program (SDWA). The
    system tracks information in the areas of permits, inventory,
    inspection, testing, compliance, enforcement, and operation. It
    also generates EPA quarterly reports; utilizes a screen editor
    to add fields and pages to existing screens; uses geographic
    coordinates for calculating contamination potentials; and is
    LAN compatible.

System: EQUAL EMPLOYMENT REPORTING SYSTEM (EERS)
Responsible Organization:
    Administrator/Staff (ADM/Staff)
Responsible Person: Friedland, Sandie   (202) 260-4563

Hardware/Software: IBM PC LAN Compatible, IBM ES/9000   /   FOCUS, CLIST,
    COBOL
System Level: 1

    This system is the sole source of personnel data upon which the
    EPA's multi-year affirmative employment program is planned, deve-
    loped and evaluated as statutorily required. It also serves as
    the primary source of personnel statistical data needed in adminis-
    tering the discrimination complaints process.
    This system was developed to produce reports, in a variety of
    combinations, that are used to develop and maintain a progressive,
    challenging, and comprehensive Affirmative Employment Program for
    Minorities, Women, and People with Disabilities for the EPA.

System: BID PROTEST TRACKING SYSTEM (BIDS)
Responsible Organization:
    General Counsel (OGC)
Responsible Person: Degrandchamp, Theresa M.   (202) 260-7547

Hardware/Software: IBM PC LAN Compatible, PRIME   /   ADABAS, NATURAL,
    COBOL
System Level: 1

    The system is designed around the concept that users can develop
    and submit queries and maintain libraries of data. The system
    operates against any ADABAS data base. Programs run in batch
    retrieval environment. The system checks the requests prior to
    submission for validity. System is updated quarterly.

System: CONSOLIDATED INDEX SYSTEM (CIS)
Responsible Organization:
    Inspector General (OIG)
Responsible Person: Williams, Joyce   (202) 260-4923

Hardware/Software: PRIME   /   PRIME INFORMATION 8.0, PRIME CPL
System Level: 3

    The CIS searches 5 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, debar-
    ment, personnel security, or hotline action.

System: CORRESPONDENCE CONTROL SYSTEM (CCS)
Responsible Organization:
    Inspector General (OIG)
Responsible Person: Carter, Deborah   (202) 260-1112

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: INVESTIGATIVE TRACKING SYSTEM (ITS)
Responsible Organization:
    Inspector General (OIG)
Responsible Person: Lewis, Charles A.   (202) 260-1109

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) 260-4115

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: Whitt, Sharon   (202) 260-3148

Hardware/Software: PRIME   /   HENCO'S INFO 9.5 RELATIONAL
    DB,F77,PRIME-CPL
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 follow-up system on responsiveness to audit reports
    issued.

System: SUPERFUND AUDIT PLANNING DATA RETRIEVAL SYSTEM (SAPDRS)
Responsible Organization:
     Inspector General (OIG)
Responsible Person: Samuel, William   (202) 260-3189

Hardware/Software: IBM PC Stand Alone   /   CLIPPER
System Level: 4

     SAPDRS retrieves data on Superfund cooperative agreements, con-
     tracts, grants, and interagency agreements from major EPA systems,
     and on Superfund audits from OIG's system. The data are integrated
     for use in audit planning, responding to requests for information
     (litigation discovery, FOIAs, etc.), conducting audits and prepar-
     ing reports (e.g. the OIG Superfund Annual Report to Congress).

System: *SUSPENSION AND DEBARMENT SYSTEM (SDS)*
Responsible Organization:
     Inspector General (OIG)
Responsible Person: Pitts, Frank   (202) 260-6265

Hardware/Software: PRIME   /   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 to October 1, 1992. After
     October 1, 1992 the system will only identify OIG cases. The
     system also shows the history and disposition of all closed cases
     and shows the current status of all open cases.

System: TRAVEL FUNDS TRACKING SYSTEM (TFTS)
Responsible Organization:
     Inspector General (OIG)
Responsible Person: Caltabiano, Michael   (202) 260-4923

Hardware/Software: IBM PC Stand Alone   /   DBASE III+, CLIPPER
System Level: 4

     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: ASBESTOS DEMOLITION/RENOVATION NOTIFICATION TRACKING SYSTEM
(DEMO/RENO)
Responsible Organization:
    Region 1 Boston
Responsible Person: Houlihan, Damien   (617) 565-3265

Hardware/Software: IBM ES/9000   /   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 PROGRAM SAMPLE TRACKING SYSTEM (CLPSTS)
Responsible Organization:
    Region 1 Boston
Responsible Person: Horahan, Heidi   (617) 573-5798

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+
System Level: 3

    This system tracks the quality assurance process for Superfund
    samples analyzed under the Contract Lab Program.

System: RESEARCH LIBRARY FOR SOLID WASTE DATABASE (RLSW)
Responsible Organization:
    Region 1 Boston
Responsible Person: Friedman, Fred T.   (617) 573-9687

Hardware/Software: IBM PC LAN Compatible   /   DBASE IV
System Level: 2

    The Research Library for Solid Waste Database documents EPA and
    non-EPA information available on waste management, focusing on New
    England. Subjects include recycling, composting, landfilling,
    incineration, waste minimization, pollution prevention, waste
    management, environmental education and specific industries and
    materials. In FY93 responsibility was begun for hazardous waste;
    previously, from 1989 and ongoing, responsibility has been and
    continues to be for non-hazardous waste as well.

System: RESEARCH LIBRARY FOR SOLID WASTE FOUNDATION GRANTS DATABASE
    (RLSW(2))
Responsible Organization:
    Region 1 Boston
Responsible Person: Friedman, Fred   (617) 573-9687

Hardware/Software: IBM PC LAN Compatible   /   DBASE IV
System Level: 3

> The Foundation Grants database points seekers of grants other than
> for-profit businesses, who reside in EPA Regions 1 (New England)
> and 2 (NY/NJ) with up to 3 leads on foundations (private and cor-
> porate) who might fund their project. Provided are funding history,
> subjects of interest, contact information, dollar range. Frequent-
> ly updated. GRANT SUBJECT IS NONHAZARDOUS WASTE MANAGEMENT ONLY.

System: STATE IMPLEMENTATION PLAN TRACKING SYSTEM (SIPS)
Responsible Organization:
    Region 1 Boston
Responsible Person: Conroy, David B.   (617) 565-3254

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
    FOXPRO
System Level: 3

> This tracking system supplements HQs SIPTRAX system. In addition
> to tracking required elements of SIPTRAX, this system tracks
> Regional efforts in reviewing State Implementation Plans.

System: COASTAL PROFILE REPORTING SYSTEM (CPRS)
Responsible Organization:
    Region 2 New York
Responsible Person: Eckman, Robert   (212) 264-1455

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

> CPRS is a system that performs statistical function on STORET data
> relating to the NY BIGHT and presents the results graphically.

System: ISSUE PAPER TRACKING SYSTEM (LANISSUE)
Responsible Organization:
　　Region　2 New York
Responsible Person: Eckman, Robert　　(212) 264-1455

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible　　/
　　DBASE IV, 'C' LANGUAGE, WORDPERFECT
System Level: 4

　　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

Hardware/Software: IBM PC Stand Alone　　/　　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: MACROINVERTEBRATE AND FISH COMMUNITY ASSESSMENT (NONE)
Responsible Organization:
　　Region　2 New York
Responsible Person: Spear, Richard　　(908) 321-6685

Hardware/Software: Not Applicable　　/　　DATA IS HARDCOPY
System Level: 0

　　Samples are collected from rivers and streams to determine
　　macroinvertebrate and fish community assessments.　All samples are
　　collected by EPA and used for surface water quality assessments.

System: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM INFORMATION
     MANAGEMENT SYSTEM (NIMS)
Responsible Organization:
     Region 2 New York
Responsible Person: Baglivi, John   (212) 264-4541

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

> NIMS consists of three subsystems for regional DMR (Discharge
> Monitoring Report) management for the NPDES 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: NY BIGHT WATER QUALITY HELICOPTER MONITORING PROGRAM (NY
     BIGHT)
Responsible Organization:
     Region 2 New York
Responsible Person: Spear, Richard   (908) 321-6685

Hardware/Software: Not Applicable   /
System Level: 0

> The New York Bight Water Quality Monitoring Program is conducted
> using an EPA Helicopter for water quality sample collection at 26
> Long Island Coast stations and 44 New Jersey Coast stations in the
> beach network; 10 transects (4-5 stations/transect, 1-16 miles off
> the coast) in the perpendicular network; and 15 stations for
> phytoplankton identification along the NJ coast, Raritan Bay,
> Great Egg Harbor, and Delaware Bay. Parameters of interest
> include: fecal coliforms, enterococci, temperature, dissolved
> oxygen, and phytoplankton identification.

System: PROCUREMENT TRACKING SYSTEM (PROTRAK)
Responsible Organization:
   Region 2 New York
Responsible Person: Baglivi, John   (212) 264-4541

Hardware/Software: IBM PC Stand Alone, 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: La Vigna, Gaetano   (908) 321-6607

Hardware/Software: IBM PC Stand Alone   /   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.

System: REGION 2 FILE MANAGEMENT SYSTEM (R2FMS)
Responsible Organization:
   Region 2 New York
Responsible Person: Baglivi, John   (212) 264-4541

Hardware/Software: IBM PC Stand Alone   /   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 ENFORCEMENT SUPPORT SYSTEM (SESS)
Responsible Organization:
     Region 2 New York
Responsible Person: Baglivi, John   (212) 264-4145

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   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 II EXECUTIVE CORRESPONDENCE CONTROL SYSTEM (ECC)
Responsible Organization:
     Region 2 New York
Responsible Person: Olsen, Marian   (212) 264-5682

Hardware/Software: IBM PC Stand Alone   /   HENCO PC-INFO
System Level: 3

> The Region II Executive Correspondence Control System is used to
> track the assignment and response of correspondence sent to the
> Regional Administrator and Deputy Regional Administrator. The
> system includes AX correspondence. The system is used to develop
> a weekly report of outstanding correspondence which is used to
> improve timeliness of response.

System: REGION II MONTHLY PROGRAM GRANTS REPORTING SYSTEM (MGR)
Responsible Organization:
     Region 2 New York
Responsible Person: Olsen, Marian   (212) 264-5682

Hardware/Software: IBM PC Stand Alone   /   HENCO INFO (PC), 2020 (ACCESS
     TECHNOLOGY)
System Level: 3

> The Region II Monthly Grants Report System is an interactive data
> base with spreadsheet capabilities. The system 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: TOXIC SUBSTANCES SECTION CONTROLLED CORRESPONDENCE TRACKING
    SYSTEM (CCTS)
Responsible Organization:
    Region 2 New York
Responsible Person: Hall, Linda   (908) 321-6742

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+
System Level: 4

    This system tracks the status of FOIA requests from the time they
    are received to the time they are mailed out. Upon arrival of a
    FOIA request, we assign a control number to the request, enter it
    into the system, and keep track of when the staff member actually
    receives the request. The system also records the date of the
    mail-out of the request.

System: TRAINING BUDGET TRACKING SYSTEM (TBTS)
Responsible Organization:
    Region 2 New York
Responsible Person: Bullock, Emma   (908) 321-6768

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+
System Level: 4

    The system keeps track of training and training costs for
    employees in the Edison, NJ area. Courses include any EPA
    courses or ones outside of EPA that pertain to job.

System: US VIRGIN ISLANDS AMBIENT MONITORING SURVEY (VI SURVEY)
Responsible Organization:
    Region 2 New York
Responsible Person: Spear, Richard   (908) 321-6685

Hardware/Software: Not Applicable   /   STORET
System Level:

    The U.S. Virgin Islands Ambient Monitoring Survey has been con-
    ducted for two consecutive years for water quality sample collec-
    tion at 144 beach stations around St. Croix, St. Thomas, and St.
    John. Parameters on interest include: fecal coliform, enterococci,
    dissolved oxygen, temperature, secchi depth, and turbidity. 30
    stations were sampled for priority pollutants in sediment and grain
    size analysis and 6 samples were analyzed for NVOA's, VOA's,
    Pesticides, and PCB's.

System: AUTOMATED PROCUREMENT TRACKING SYSTEM (PRTRACK)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Rajkowski, Alexandra   (215) 597-6156

Hardware/Software: IBM 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: Ranieri, Mary   (215) 597-3215

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

    The Branch Accounting System is used to track hours worked versus
    hours allocated by decision unit. A further breakdown is provided
    at the project level. The intent of the system is to show
    providers of FTE's to the branch the manner in which their
    resources were utilized.

System: CHESAPEAKE BAY WATERSHED MODEL (WSM)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Linker, Lewis   (410) 267-0068

Hardware/Software: Not Applicable   /   FORTRAN
System Level: 3

    The Watershed Model simulates point and nonpoint loads of
    nutrients, COD, and sediment to the Chesapeake Bay.

System: CORRESPONDENCE TRACKING SYSTEM (CTS)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Kelly, Barry   (215) 597-3214

Hardware/Software: IBM PC LAN Compatible   /   INFO
System Level: 3

    This is a multi-user system used to track controlled correspon-
    dence 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: Hanrahan, Grace   (215) 597-1128

Hardware/Software: IBM 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: SUGGESTION TRACKING SYSTEM (SUGGS)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Kelly, Barry   (215) 597-3214

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.1
System Level: 3

    The Suggestion Tracking System makes information available at two
    very distinct levels. A general user can browse through a des-
    cription of current and past suggestions to see what has been sub-
    mitted in order to both stimulate the creative juices and to check
    if the idea was already suggested. A status of pending, approved,
    or disapproved is available. Employees involved in coordinating
    the suggestion program can view/add/update additional data. These
    fields include: submitter's name and organizational data, dates
    for each step the suggestion passes through, and award information.
    Management reports are available for display or printing.

System: THREE DIMENSIONAL TIME VARIABLE WATER QUALITY MODEL (3-DTVM)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Linker, Lewis   (410) 267-0068

Hardware/Software: Not Applicable   /   FORTRAN
System Level: 3

    The 3D Model is a coupled hydrodynamical water quality model of the
    tidal Chesapeake Bay. The model is used to assess the eutrophic
    effects of pollutants in the Chesapeake.

System: UIC FIELD INSPECTOR'S TRACKING SYSTEM (UFITS)
Responsible Organization:
    Region 3 Philadelphia
Responsible Person: Johnson, Karen D.   (215) 597-9928

Hardware/Software: IBM PC LAN Compatible   /   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

Hardware/Software: IBM 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: PURCHASE REQUEST TRACKING SYSTEM (PRTS)
Responsible Organization:
    Region 4 Atlanta
Responsible Person: Singley, Jane V.   (404) 347-2374

Hardware/Software: IBM PC LAN Compatible   /   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 4 PSD LOG SYSTEM (PSDL)
Responsible Organization:
  Region 4 Atlanta
Responsible Person: Worley, Greg   (404) 347-5014

Hardware/Software: VAX   /   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: REGION 5 GEOGRAPHIC INFORMATION SYSTEM (REG.5 GIS)
Responsible Organization:
  Region 5 Chicago
Responsible Person: Kohl, Noel   (312) 886-6224

Hardware/Software: DG AViiON, IBM PC LAN Compatible   /   ARC/INFO 6.1, ARCVIEW, UNIX
  OS
System Level: 3

>   The GIS in Region 5 collects, processes, and outputs spatial data
>   in a variety of electronic and hard copy formats. The system
>   provides the capability to integrate data and map results in a
>   manner that enhances the decision process.

System: REGION 5, AIR & RADIATION DIVISION, SIGNIFICANT VIOLATORS
  TRACKING SYSTEM (AIRSVL)
Responsible Organization:
  Region 5 Chicago
Responsible Person: Czerniak, George   (312) 886-6789

Hardware/Software: IBM 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 the input of 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.
>   Resolved sources remain in the database indefinitely.

System: ARCHIVAL PROCEDURE FOR CONTROLLED CORRESPONDENCE (ARCHIVE)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC Stand Alone   /   DBASE III+
System Level: 3

   Quarterly archival procedure for controlled correspondence tracking
   system written in Dbase III+.

System: CARPOOL LOCATOR (CARPOOL)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was developed for Region to aid administrative
   personnel in tracking the many requests for EPA employees involved
   in car/van pools.

System: CHEMICAL ANALYSIS REPORTING SYSTEM (CARS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was designed as an interactive information management
   system to update and report on chemical analysis data for Region 6.
   The goals of the system are as follows:
   1) To provide the means to maintain an accurate and current data
      base of chemical analysis in Region 6.
   2) To provide appropriate reports to assist the personnel and
      managers in the efficient management of chemical analysis per-
      taining to the Regional Office.

System: CONTRACT AND PAYMENT SYSTEM (CAPS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system assists users in selecting, previewing, and/or printing
    all contract data currently available for a given Superfund site.
    When selecting data for a Superfund site, the user can determine
    who, where, why, and how much money has been spent on contracts for
    a given Superfund site and again balance aggregate totals against
    the COSTS system.

System: CONTROLS (CONTROLS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC Stand Alone   /
System Level: 3

    Tracking of incoming controlled correspondences in XBASE.

System: COST ON-LINE SUPERFUND TRACKING SYSTEM (COSTS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    COSTS allows the user to interactively select and print all
    financial data currently available on a given Superfund site
    or non-site specific entry. These reports are used by the
    Regions to recover and reconcile monies back to the original
    document whereby the Office of Regional Counsel can use these
    figures in the Negotiation With Private Industry to recover
    monies incurred on a Superfund site. Currently this system has
    approximately three million records and is being used by Regions
    6-10.

System: DIRECT IMPLEMENTATION MANAGEMENT SYSTEM - ADDRESS (ADDRESS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system is currently operational in Regions 6-9 and was
    designed to handle all Indian Mineral Reserve Programs.

System: DIRECT IMPLEMENTATION MANAGEMENT SYSTEM - COMPLIANCE
    (DIMS-COMP)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system was designed to handle all Indian Mineral Reserve
    Programs and is operational in Regions 6-9.

System: DIRECT IMPLEMENTATION MANAGEMENT SYSTEM - INVENTORY
    (INVENTORY)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    Currently this system is operational in Region 6-9 and was
    designed to handle all Indian Mineral Reserve Programs.

System: DIRECT IMPLEMENTATION MANAGEMENT SYSTEM - SPMS (DIMS-SPMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

The U.S. EPA published the Final Rule and Regulations (40 CFR Part
147 Subpart GGG) which authorized and established the federally-
administered Underground Injection Control (UIC) program to regu-
late class II Injection wells in the Osage Mineral Reserve, Osage
County, Oklahoma. Those regulations became officially effective as
of December 30, 1984. With the regulatory framework once in place,
the remaining objective was to develop an efficient and effective
system of program implementation. This system is operational
in Region 6-9 and was designed to handle all Indian Mineral Reserve
Programs.

System: FINANCE (FINANCE)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER CONVERTS IFMS DATA TO XBASE FORMAT
System Level: 4

Conversion of IFMS dataset to XBASE format.

System: FINANCIAL MANAGEMENT REPORT GENERATOR (EZTREV)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

This system was developed for the Region to aid financial manage-
ment personnel in requesting reports from the national system IE
FMS/IFMS.

System: FULL-SCREEN FINANCIAL MANAGEMENT "SPUR" REPORTING PACKAGE
   (FSPUR)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   CLIST; JCL; DIALOG MANAGEMENT
   SERVICES
System Level: 3

SPUR is a facility designed especially for financial management
users for initiating a SPUR request via a full-screen terminal. It
allows the end users to initiate a SPUR request using a full-screen
terminal quickly and easily. End users must be familiar with the
Financial Management system SPUR Reporting System. With this pro-
cess, the end users are not required to know Job Control Language
(JCL) - instead, this process generates the proper JCL for the
request made by the end user.

System: GENERALIZED MEETING TRACKING SYSTEM (MEETS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1 - CLIST - DIALOG MANAGEMENT
   SERVICES
System Level: 3

This system was developed for the Region to aid administrative
personnel in tracking the many meetings, both on site and on
travel that involve personnel in the Region.

System: GENERALIZED SEQUENTIAL UPDATE (UPDATE)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3

This program was developed in response to the problem of maintain-
ing files of data collected by the various program areas within
EPA. Due to the sheer volume of information, many manual files and
reporting systems were inadequate and very time-consuming. This
resulted in the creation of ADP systems to maintain this data and
generate management reports based on this information. In order to
keep the data current, it is necessary to update the files periodi-
cally, either by a text editing system such as MVS/TSO ISPF or by
a batch update procedure. This system was developed to alleviate
the problem of having a different updating procedure for each of
the files. It currently has 5000 registered users.

System: GRANTS INTERACTIVE TRACKING SYSTEM (GITS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

> The purpose of this system is to assist the end users in selecting,
> previewing and/or printing all grants data currently available for
> a given grant or all grants incurred on a superfund site. When se-
> lecting data for a grant the end users can determine when, where,
> why, and how much money was spent on any given grant issued for
> that state or local government from 1981 to present (1993). When
> selecting data for a superfund site grant the end users can deter-
> mine who, where, why, and how much money was given this grant to a
> given superfund site and balance the aggregated totals against the
> costs system.

System: HELPDESK (HELPDESK)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   CLIPPER
    5.01
System Level: 3

> HELPDESK provides tracking and analysis capability for computer
> assistance calls and repairs. HELPDESK is designed to monitor and
> record computer-related assistance calls in a paperless environ-
> ment. It allows multiple users to access and input information
> on computer-related assistance calls. It allows for review and
> selection of unassigned calls by the servicing technician and
> notifies the technician of all calls assigned to him which are
> still open.

System: HISTORICAL INTERACTIVE TRAVEL SYSTEM (HITS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1 - CLIST - DIALOG MANAGEMENT
   SERVICES
System Level: 0

   The purpose of this system is to assist the end users in selecting
   previewing and/or printing all travel data currently available for
   a given employee or all travel incurred on a Superfund site. When
   selecting data for an employee, the end users can determine when,
   where, why and how much money was spent on any travel authorization
   (TA) issued for that employee from 1981 to present. When selecting
   data for a Superfund site the end users can determine who, where,
   why and how much money was spent on trips to a given Superfund site
   and balance aggregate totals against the costs system.

System: INFIRMARY ACTIVITY REPORTING (INFIRMARY)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC Stand Alone   /   LOTUS
System Level: 3

   Lotus Spreadsheet Model for consolidation of infirmary visits and
   charting the information.

System: INTERNAL LOCATOR SYSTEM (LOCATOR)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Reines, Dorian   (214)· 655-6542

Hardware/Software: IBM PC LAN Compatible   /   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 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: MONTHLY BUDGET SYSTEM (MBS)
Responsible Organization:
  Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
  SERVICES
System Level: 3

This system was designed as an interactive information management
system to update and report on the monthly budget for the Regional
Office. Its goals are as follows:
1) To maintain an accurate and current database of budget data for
   future analysis in projecting the amount of authorized dollars
   to be distributed within the divisions for the Regional Office.
2) To provide appropriate reports to assist the financial and
   budget managers in the efficient management of dollars for the
   Regional Office.

System: ON-LINE SUPERFUND COST REPORTING (OSCR)
Responsible Organization:
  Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT SERVICES -
  JCL
System Level: 3

This system was developed for the Region to aid financial manage-
ment personnel in requesting reports from the national system IE
FMS/IFMS.

System: PERSONNEL COMPENSATION AND BENEFITS PROJECTION SYSTEM (PCBPRJ)
Responsible Organization:
  Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
  SERVICES
System Level: 3

PCBPRJ was an automated system optional in Regions 6-9 which allows
the users to track their personnel and full-time equivalent related
resources. The PCBPRJ system is interfaced w/ the following sys-
tems: Financial Management System (FMS) and EPA's Personnel
Payroll System (EPAYS). The PCBPRJ system was a collection of
data files and programs. The data files contained up-to-date
information describing your personnel roster, availability target
funds, and funds spent year-to-date. The programs were organized
to access data through menus, so the users could locally and easily
maintain files and generate a variety of reports and tables.

System: PERSONNEL INFORMATION MANAGEMENT SYSTEM (PIMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas   (214) 655-6540

Hardware/Software: IBM ES/9000, IBM PC LAN Compatible, PRIME   /   PL/1 AND
    ALC
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: PERSONNEL INFORMATION MANAGEMENT SYSTEM - EQUAL EMPLOYMENT
    OPPORTUNITIES (PIMS-EEO)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

> This system was designed as an interactive information management
> system to update and report on the equal employment opportunity
> in the regional office. The goals of the system are:
> 1) To provide the means to maintain an accurate and current data
>   base of current equal employment opportunities in the regional
>   office.
> 2) To provide appropriate reports to assist the EEO Officer and
>   managers in the efficient management of equal employment oppor-
>   tunities in the regional office.

System: PERSONNEL INFORMATION MANAGEMENT SYSTEM - FTE ANALYSIS
   (PIMS-FTE)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Everett, Barry   (214) 655-6509

Hardware/Software: PRIME, IBM PC LAN Compatible   /   PRIME INFO. &
   INFOBASIC, LAN INTERFACE, "C"
System Level: 3

   PIMS-FTE is integrated with PIMS-STAFF to provide Region 6 managers
   with information about the distribution of FTE (Full Time Equiva-
   lent) in the region, as well as information about actual and pro-
   jected FTE utilization by program element and appropriation for
   the divisions with the region. Operational since January, 1991.

System: PERSONNEL INFORMATION MANAGEMENT SYSTEM - STAFF/PLAN TRACKING
   SYSTEM (STAFF/PLAN)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system is an interactive information management system used to
   update and report on all personnel in the Region Office. Its goals
   are as follows:
   1) To provide the means for the Personnel Officer to maintain an
      accurate and current database of all personnel in the Regional
      Office including EPA contractors.
   2) To provide the Region 6 Personnel Officer with the means to
      track all personnel in the Region and their status.
   3) To provide appropriate reports to assist the Personnel Officer
      and managers in the efficient management of personnel issues
      pertaining to all personnel in the Regional Office.

System: PERSONNEL PROPERTY SYSTEM (PPS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1 - CLIST - DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was designed as an interactive information management
   system to update and report on personnel property in the Region
   Office. With the following goals: 1) provide the means for the
   property officer to maintain an accurate and current database of
   all personnel property in the Regional Office, 2) provide
   appropriate reports to assist the property officer and upper
   management in the efficient management of all personnel property
   for the Regional Office.

System: PIMS - PERSONNEL ACTION TRACKING SYSTEM PLUS ADVANCE FEATURES
   (PATSPLUS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; AND DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was designed as an interactive information management
   system to update and report on new personnel actions (SF-50's) that
   are received in the personnel office each day. Its goals are:
   1) To provide the means for the Personnel Officer to maintain an
      accurate and current database of all personnel actions that are
      received daily.
   2) To provide Region 6 Personnel Officer with the means to track
      all personnel actions and their status within the system.
   3) Provide appropriate reports to assist the Personnel Officer and
      managers in the efficient management of personnel issues per-
      taining to all personnel actions received in the Regional Office

System: PIMS-STANDARD EPAYS REPORTING SYSTEM (PIMS/SERS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

This system was designed as an interactive information management
system to generate reports from the national personnel and payroll
files. The goals of the system are:
1) To maintain an accurate and simple way of generating reports
   from the national system.
2) To provide appropriate reports to assist the personnel officer
   and managers in the efficient management of personnel issues
   pertaining to the Regional Office.

System: RECONCILE ALL PERSONNEL PAYROLL (RAPP)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 2

This system was designed for the end user to interactively extract
and print all personnel payroll for an employee or group of employ-
ees for a given period of time. This time frame can be the period
of record 1981 to present (1993). Currently this system is used
by 7 regions (Regions 1,2,3,5,6,10) and it consists of 17 million
records. The purpose of this system is to recover money spent on
IAG's, IPA's, and Superfund sites. It also allows the user to
reconcile the payroll files to the original time card entries.

System: RECORDS TRACKING SYSTEM (RTS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC Stand Alone   /   XBASE
System Level: 3

Application written in Xbase format to track transactions and
operation in Region 6 file rooms

System: REGION 6 PERSONNEL LOCATOR SYSTEM (LOCATOR)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
   CLIPPER 5.0 IN MS-DOS ON A NOVELL LAN
System Level: 0

   LOCATOR is a quick reference, automated personnel locator within
   the Region. It provides the user with multiple search capability
   for employee search. It will generate personnel rosters by name or
   mailcode, list all users of a particular phone number and provide
   a fully formatted Regional Phone Book as output.

System: REGIONAL APPLICANT TRACKING SYSTEM (RATS-PIMS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3   .

   This system was designed as an interactive information management
   system to update and report on new applicants and current job
   announcements in the Regional Office. The goals of the system are:
   1) To maintain an accurate and current database of new job
      announcements and new applicants for those open jobs.
   2) To track new applicants and their status within the system.
   3) To track new announcements and their status within the system.
   4) To provide appropriate reports to assist the personnel officer
      and managers in the efficient management of personnel issues
      pertaining to new applicants and/or new announcements in the
      Regional Office.

System: REGIONAL COMPARATIVE RISK PROJECT (RCRP)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1 - CLIST - DIALOG MANAGEMENT
    SERVICES-SAS
System Level: 3

> This project was designed as an interactive information management
> system to update and report on Regional comparative risk activity
> in Region 6. With the following goals: 1) provide the means for
> the comparative risk team to maintain an accurate and current
> database of comparative risk within the Region, 2) provide
> appropriate reports and maps to the comparative risk team and
> management in the efficient management of risk assessment in the
> Region.

System: SAFETY INFORMATION MANAGEMENT SYSTEM (SIMS-PIMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

> This system was designed as an interactive information management
> system to update and report on safety violations and safety activi-
> ty in Region 6. Its goals are as follows:
> 1) To provide the means for the Safety Officer to maintain an
>   accurate and current database of safety violations in Region 6.
> 2) To provide Region 6 Safety Officer and supervisors with the
>   means to track safety issues within the Region.
> 3) To provide appropriate reports to assist the Safety Officer and
>   managers in the efficient management of safety issues pertaining
>   to the Regional Office.

System: SECURITY TRACKING SYSTEM (STS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1, CLIST, DIALOG MANAGEMENT
    SERVICES
System Level: 3

> This system was designed as an interactive information management
> system to update and report on security violations and security
> activity in Region 6. The goals of the system are to:
>   1) Provide the means for the security officer to maintain an
>   accurate and current database of security violations in
>   Region 6.
>   2) Provide Region 6 security officers and their supervisors
>   with the means to track security issues within the region.
>   3) Provide appropriate reports to assist the security officers
>   and managers in the efficient management of security issues
>   pertaining to the region office.

System: SPUR INTERACTIVE COST REPORTING (SPIN)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT SERVICES -
    JCL
System Level: 3

> This system was developed for the region to aid financial manage-
> ment personnel in requesting reports from the national system IE
> FMS/IFMS.

System: STATUS OF FUNDS (SOF)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was designed as an interactive information management
   system to update and report on the status of funds for the Regional
   Office. Its goals are:
   1) To maintain an accurate and current database of current finan-
      cial data and budget data for future analysis in projection the
      amount of monies needed to accomplish the Regional goals for
      the current Fiscal Year.
   2) To provide appropriate reports to assist the financial and
      budget managers in the efficient management of dollars for the
      Regional Office.

System: SUPERFUND ENFORCEMENT TRACKING SYSTEM (SETS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1 - CLIST - DIALOG MANAGEMENT
   SERVICES
System Level: 3

   This system was designed as an interactive information management
   system to update and report on Superfund enforcement activity in
   Region 6. With the following goals: 1) provide the means for the
   Superfund Branch to maintain an accurate and current database of
   Superfund enforcement actions taken in Region 6, 2) provide
   appropriate reports to assist the Superfund Branch and upper
   management in the efficient management of all Superfund enforcement
   activity in the Region.

System: SUPPLY INVENTORY/DISTRIBUTION/ORDERING SYSTEM (SIDOS)
Responsible Organization:
   Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
   CLIPPER 5.01 IN MS-DOC ON A NOVELL LAN
System Level: 3

   SIDOS is an on-line, multi-user, automated supply/form tracking
   and inventory control system. It provides automated record-keeping
   for issues, ordering, and receipt of supplies. It generates orders
   based on quantities on-hand and re-order points. It also generates
   reports which provide cost and usage data.

System: TRAINING INFORMATION MANAGEMENT SYSTEM (TIMS-PIMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system provides an automated on-line method of updating,
    viewing, and reporting training schedule information for EPA
    employees that are currently seeking new training.

System: TRAINING INFORMATION MANAGEMENT SYSTEM (LAN-BASED) (TIMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Reines, Dorian   (214) 655-6542

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /
    CLIPPER 5.01 IN MS-DOS ON A NOVELL LAN
System Level: 3

    TIMS provides an automated, on-line method of viewing class
    schedule information and registering for EPA training classes.
    It is LAN-based and multi-user. It generates reports in the form
    of class rosters, training histories, attendance and no-show
    reports, and course catalogs.

System: TRAVEL MANAGEMENT SYSTEM (TMS)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system provides an automated on-line method of updating,
    viewing, and reporting travel schedule information for EPA employ-
    ees that are on travel status.

System: VENDOR INTERACTIVE TRACKING SYSTEM (VISTA)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    During the FMS to IFMS conversion the VISTA System was placed on
    hold status. However, when VISTA was operational, it was used to
    assist the users in data entry, updating, and reporting all actions
    taken against the National Vendor File. This system was a national
    effort to assist the Financial Management System (FMS) with an
    automated system to keep their vendor file updated whereby the
    Treasury Department could issue prompt and proper payments to
    private industry.

System: YEAR-TO-DATE COMPUTER COST (YTD)
Responsible Organization:
    Region 6 Dallas
Responsible Person: Cumbie, Thomas A.   (214) 655-6575

Hardware/Software: IBM ES/9000   /   PL/1; CLIST; DIALOG MANAGEMENT
    SERVICES
System Level: 3

    This system was developed for the Region to aid administrative
    personnel in tracking the computer costs, both on-site and on
    states that currently use our computer system at RTP.

System: ACCOMPLISHMENTS TRACKING SYSTEM (ATS)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Gregory, Gordon   (913) 551-7520

Hardware/Software: IBM PC LAN Compatible   /   LOTUS AGENDA
System Level: 2

    The Accomplishments Tracking System was completed at the request of
    the Assistant Regional Administrator for Policy and Management. It
    is designed to preserve noteworthy achievements from each of the
    branches in the Policy and Management Division of EPA Region 7.

System: FIFRA ESTABLISHMENT NEUTRAL SCHEME (FIFRA)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Morrison, Sandra   (913) 551-7614

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

    This system provides Region 7 with a random selection of Pesticide
    Producing Establishment inspection (target).

System: LABOR AND SAMPLE TRACKING (LAST)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Bates, Dale I.   (913) 551-5183

Hardware/Software: IBM 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
    1.5 million analytical data values in 105,000 samples.

System: NEBRASKA PESTICIDE CERTIFICATION DATABASE (APPLICATOR)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Buchholz, Kenneth   (913) 551-7473

Hardware/Software: IBM 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: Buchholz, Kenneth   (913) 551-7020

Hardware/Software: 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
Responsible Person: Callier, Diane   (913) 551-7459

Hardware/Software: IBM 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) 551-5136

Hardware/Software: Not Applicable   /   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 07 TOSCA NEUTRAL SCHEME (TSCA-PCB)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Jackson, Robert   (913) 551-7020

Hardware/Software: IBM ES/9000   /   FOCUS
System Level: 4

    This system maintains industrial categories most likely to
    possess TSCA regulated materials and is used for "neutral scheme"
    targeting of same.

System: REGION 7 FIFRA NEUTRAL INSPECTION SELECTION SYSTEM (FIFR)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Callier, Diane   (913) 551-7459

Hardware/Software: IBM ES/9000   /   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 NEBRASKA PESTICIDE APPLICATOR REGISTRATION (PEST)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Buchholz, Kenneth   (913) 551-7020

Hardware/Software: 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: STATE RADON SURVEY (NONE)
Responsible Organization:
    Region 7 Kansas City
Responsible Person: Dye, Robert   (913) 551-7605

Hardware/Software: Apple Macintosh   /   MICROSOFT WORKS
System Level: 4

> State Radon Survey is a database of over 4000 data points resulting
> from EPA-assisted radon surveys in Region 7.

System: 104(E) RESPONSE DATABASE (NONE)
Responsible Organization:
    Region 8 Denver
Responsible Person: Evans, Elizabeth   (303) 294-7555

Hardware/Software: IBM PC LAN Compatible   /   DBASE IV
System Level: 3

> The system is an inventory of repsonses received by EPA Region 8
> pursuant to information requests made under CERCLA 104(e) autho-
> rity. Its main function is to make information received from
> thousands of companies pertaining to numerous Superfund sites
> readily retrievable.

System: COLORADO PRIVATE PESTICIDE APPLICATORS SYSTEM (CPPAS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Combs, Brenda   (303) 293-1786

Hardware/Software: IBM ES/9000, IBM PC Stand Alone, IBM PC LAN
    Compatible   /   MAINFRAME/FOCUS
System Level: 3

    This system was developed for the purpose of tracking Colorado
    pesticide users who have completed coursework in pesticide appli-
    cation and use. The system prints out certification cards and
    keeps track of issued and expiration dates.

System: HAZARDOUS MATERIALS INFORMATION EXCHANGE (HMIX-BBS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Orendorf, Kevin   (303) 293-1643

Hardware/Software: IBM PC LAN Compatible   /
System Level: 2

    HMIX-BBS is a computerized bulletin board designed especially for
    the distribution and exchange of hazardous materials information.
    HMIX provides a centralized database for sharing information per-
    taining to hazardous materials emergency management, training, re-
    sources, technical assistance, and regulations.

System: HEALTH AND SAFETY SYSTEM (HSS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Combs, Brenda   (303) 293-1243

Hardware/Software: IBM PC LAN Compatible   /   DBASE III+; CLIPPER (COMPILED);
    FOCUS
System Level: 1

    The HSS is a personal computer based system which provides quick
    access to a high volume of health and safety data. HSS performs
    record-keeping requirements for Health and Safety managers. It
    also tracks a variety of medical and training requirements moni-
    tored by the Health & Safety Manager in EPA.

System: MEDICAL MONITORING PROGRAM (MMP)
Responsible Organization:
    Region 8 Denver
Responsible Person: Alire, Larry   (303) 293-1243

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    CLIPPER
System Level: 3

    An EPA Agency system designed to meet the record-keeping require-
ments of EPA Order 1440.2, 1440.3, and 3500.1. Examples of compo-
nents include: employee certification, status, training, respira-
tory protection and personal protective equipment

System: PERMIT GENERATOR (NONE)
Responsible Organization:
    Region 8 Denver
Responsible Person: Pike, Tom   (303) 293-1544

Hardware/Software: IBM PC Stand Alone, Other   /   WP COMBINED WITH DBASE
    IV
System Level: 3

    This system prompts input from the user to determine what specific
type of Underground Injection Control permit to issue. In this
Region, there are over 40 different types of permits issued, de-
pending on location, well type, well history, etc. When input, the
data will be used to determine the type of permit to write, and
will also generate that permit using the data input by the user.
This data is then stored in a file which can be downloaded into the
dbase tracking system. The tracking system is a separate system
used to track permit issuance, permit conditions, permit compliance
and enforcement.

System: RCRA ENFORCEMENT ACTION TRACKING SYSTEM (REATS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Mason, Jill   (303) 293-1706

Hardware/Software: IBM PC Stand Alone   /   DBASE III
System Level: 3

    Tracks Region VIII Enforcement Actions through Phases I, II, & III.

System: RESOURCE MANAGEMENT SYSTEM (RMS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Combs, Brenda   (303) 293-1786

Hardware/Software: IBM ES/9000, IBM PC Stand Alone   /   MAINFRAME
    FOCUS
System Level: 3

    RMS utilizes data from Spur Reports and Personnel files downloaded
    and then projects fixed and non-fixed accounting information. RMS
    also keeps track of individuals with split accounts, calculates
    costs and benefits of FTE's, SIS, and PHS employees. Some data
    entry is also performed for accounting information and within-grade
    increases.

System: STATE AND REGIONAL PROGRAMS BRANCH - STATE AUTHORIZATION
    TRACKING SYSTEM (STATS)
Responsible Organization:
    Region 8 Denver
Responsible Person: Orendorf, Kevin   (303) 293-1643

Hardware/Software: IBM PC LAN Compatible   /   UNKNOWN
System Level: 1

    The State Authorization Tracking System (STATS) is an information
    management system designed to document the progress of each state
    and territory in establishing and maintaining RCRA-authorized
    hazardous waste management program.

System: DREDGED MATERIAL TRACKING SYSTEM (DMATS)
Responsible Organization:
    Region 9 San Francisco
Responsible Person: Clarke, Shelley   (415) 744-1162

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /
    DBASE FILE STRUCTURE COMPILED W/ CLIPPER 5
System Level: 3

    DMATS was developed by EPA Region 9's Ocean Dumping Program to
    facilitate storage, retrieval, and analysis of marine sediment
    quality data. Data types follow the .ODES format and include sedi-
    ment physical properties, sediment chemistry, and bioassay/bioaccu-
    mulation data. These data are of interest to harbor and bay conta-
    mination assessment, nearshore Superfund and RCRA sites and nation-
    al status and trends programs. EPA Region 9 currently maintains
    on-line data sets for Los Angeles, Long Beach, and San Diego har-
    bors. Expansions to San Francisco Bay is planned. The system
    allows ad hoc report generation and GIS linkage.

System: ENVIRONMENTAL IMPACT STATEMENT SYSTEM (EIS)
Responsible Organization:
Region 9 San Francisco
Responsible Person: Silver, Perry   (415) 744-1793

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   CLIPPER
87
System Level: 4

EIS is used for two main purposes: collect correspondence dates
and contacts for NEPA documents (i.e., DEA, FEA, DEIS, FEIS, NOI),
supplements (SDEIS, SFEIS); and act as a very simple office auto-
mation/project management tool for collecting projects and actions
taken by staff. Reports produced: controlled correspondence,
workload, summary, NEPA statistical reports, current document
listing. Features 'keyword' search and NEPA document-specific no.
search methods. Alternate use of system was to document accumu-
lated paper files containing 10-15 years of data.

System: HELPLINE TRACKING SYSTEM (NONE)
Responsible Organization:
Region 9 San Francisco
Responsible Person: Murphy, Ann   (415) 744-1767

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   DBASE IV
1.5
System Level: 3

User Support - Inhouse database tracking all the incoming calls
for User Support. This also is User Support help desk task manage-
ment system.

System: I.C. ON-LINE REGISTRATION (ICOR)
Responsible Organization:
Region 9 San Francisco
Responsible Person: Beer, Warren   (415) 744-1768

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER; SUMMER '87
VERSION
System Level: 3

This system was designed to allow all Region 9 employees to
register for IC Classes from their own PC.

System: IRM USER SUPPORT CALLS TRACKING AND STATISTICAL ANALYSIS
   SYSTEM (IRMHELP)
Responsible Organization:
   Region 9 San Francisco
Responsible Person: Yee, Doris   (415) 744-1762

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   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: LOCAL AREA NETWORK ENVIRONMENTAL IMPACT STATEMENT SYSTEM
   (LANEIS)
Responsible Organization:
   Region 9 San Francisco
Responsible Person: Silver, Perry   (415) 744-1793

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   CLIPPER
   87
System Level: 0

   See description of EIS' system for main purposes it serves. In
   addition to bring multi-user, interface is redesigned from
   numeric menu options to light-ban interface. Keyword search has
   been redesigned and is 2-3 times faster the EIS' version. There
   are other minor enhancements as well.

System: OPERATING INDUSTRIES, INCORPORATED (OII)
Responsible Organization:
   Region 9 San Francisco
Responsible Person: Quan, Judy   (415) 744-1802

Hardware/Software: Not Applicable   /   FOCUS - IBM MAINFRAME
System Level: 3

   The Operating Industries, Inc. (OII) manifest tracking system is
   a FOCUS database management system. This database's major task is
   to manage and report information of hazardous waste transactions
   at the OII Superfund site in Monterey Park, Calif. This informa-
   tion is used by the EPA and the State of California to assist in
   the procurement of funds to clean up this site.

System: PERSONNEL COMPENSATION & BENEFITS AND FULL TIME EQUIVALENCE
SYSTEM (PCB/FTE)
Responsible Organization:
Region 9 San Francisco
Responsible Person: Lam, Ann (415) 744-1799

Hardware/Software: IBM ES/9000 / 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.

System: PROCUREMENT TRACKING SYSTEM (PTS)
Responsible Organization:
Region 9 San Francisco
Responsible Person: Fong, Wendy (415) 744-1794

Hardware/Software: IBM PC Stand Alone, IBM ES/9000 / 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: QUALITY ASSURANCE MANAGEMENT SECTION SYSTEM (QAMS)
Responsible Organization:
    Region 9 San Francisco
Responsible Person: Silver, Perry   (415) 744-1793

Hardware/Software: IBM PC LAN Compatible, IBM PC Stand Alone   /   CLIPPER
    5.01
System Level: 0

    QAMS is completely rewritten version of the old dBase II system.
    It is also used to collect administrative data/correspondence by
    site-specific DCN number. Also collects field test results.
    Reports include: QAPP, SAP, other documents, workplan, field, audit
    and miscellaneous reports based on various sorting criteria and
    starting/ending due dates. Features window-like cvi, pop-up
    screens, ability to print to disc file, screen or printer and
    password protection for DBA utilities, etc..

System: REGIONAL SUPPORT ACCOUNT SYSTEM (RSA SYSTEM)
Responsible Organization:
    Region 9 San Francisco
Responsible Person: Silver, Perry   (415) 744-1793

Hardware/Software: IBM PC Stand Alone   /   CLIPPER 87
System Level: 3

    Provides user a method to 'balance' budget regionally despite
    financial transaction delays from mainframe datasets/applications
    (FMS). User can set budget by account, branch and RMS and print
    detailed listing as well as summary report totals for all trans-
    actions. System has 'light-bar' interface and an independent
    'sorted' listing (by vendor, etc.) that will be integrated into the
    main menu for 92-93.

System: SENIOR ENVIRONMENTAL EMPLOYEE ESTIMATING AND TRACKING SYSTEM
    (SEE/AARP)
Responsible Organization:
    Region 9 San Francisco
Responsible Person: Brosler, Merwyn   (415) 744-1765

Hardware/Software: IBM PC Stand Alone, IBM PC LAN Compatible   /   LOTUS
    1-2-3
System Level: 3

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

System: TRAVEL TRACKING SYSTEM (TTS)
Responsible Organization:
    Region 9 San Francisco
Responsible Person: Fong, Wendy   (415) 744-1799

Hardware/Software: IBM PC Stand Alone, IBM ES/9000   /   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: BLANKET PURCHASE ORDER TRACKING (BPOT)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Moffet, Chris   (206) 553-4114

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS II
    LIBRARY
System Level: 3

> BPOT was developed to track line item entries to open GSA or
> blanket purchase orders. BPOT prints monthly reports for finance
> control. The system is LAN capable; user and system guides are
> available; source code is available; BPOT is multi-user software.

System: COST ALLOCATION SYSTEM (CAS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Norton, Diane   (206) 553-2962

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01,TOOLS II
    LIB.; ARBITER INTERFACE
System Level: 3

> Cost allocation is used to account for Superfund Site charges under
> multiple appropriations when a direct charge method is not appli-
> cable; System is multi-user LAN capable, interfaced with mainframe
> and downloads financial data. User guide and systems manuals
> available.

System: ENFORCEMENT TRACKING SYSTEM (ETS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Peterson, Ellen   (206) 553-0542

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS II
    LIBRARY
System Level: 3

    The Enforcement Tracking System (ETS) tracks enforcement actions
    and the compliance status of facilities and sites. Software is
    multi-user LAN compatible, with user guides, system manuals, and
    source code available.

System: ERL-CORV LIBRARY CIRCULATION SYSTEM (CVLB)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Bianchi, Stephanie   (503) 754-4731

Hardware/Software: Other   /   FORTRAN
System Level: 4

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

System: FEDERAL FACILITIES TRACKING SYSTEM (FFTS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Smith, Clark   (206) 553-1327

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS II
    LIBRARY
System Level: 3

    This system is similar to the Enforcement Tracking System. The
    FFTS tracks violations at federal and government facilities only.
    The software is multi-user and LAN compatible, with system and
    user guides available. FFTS provides annual reports required by
    headquarters concerning the number of violations at federal faci-
    lities.

System: FOIA TRACKING SYSTEM (FTS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Adamski, James   (206) 553-1838

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS II
    LIBRARY
System Level: 3

    A program designed for tracking FOIA requests at the division or
    section level. It is LAN capable, multi-user software and comes
    with user guide, source code, and system manual available.

System: GRANT TRACKING SYSTEM (GTS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Norton, Diane   (206) 553-2962

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS II
    LIBRARY
System Level: 3

    This is a system designed to track, monitor, record the receipt of,
    reconcile, and give a history of reports submitted by grant re-
    cipients. Grant recipients report on form SF 272 according to
    established procedures. Program is LAN Capable; Multi-user soft-
    ware, user guide, system manual, and source code available.

System: LIBRARY CIRCULATION SYSTEM - REGION 10 (LCS)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Sears, Juli   (206) 553-2969

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

    LCS allows tracking of Region 10 Library materials. Tracks both
    in-house and outside borrowers. Produces a variety of status
    reports.

System: PROJECT TRACKING (PT)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Moore, Elbert   (206) 553-4181

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS
    II
System Level: 3

    Project Tracking will be used to track nonpoint source projects
    associated with grants awarded to Region 10 States. The system
    will follow progress on NPS grantees in fulfilling the commitments
    and requirements of grants. Project Tracking will also allow for
    dial-in users. The system is LAN capable and multi-user software,
    user guides, and system manuals are available.

System: REGION 10 LABORATORY MANAGEMENT SYSTEM (RX75)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Morris, Tony L.   (206) 871-8714

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: WORKPLAN TRACKING (WPT)
Responsible Organization:
    Region 10 Seattle
Responsible Person: Moore, Elbert   (206) 553-4181

Hardware/Software: IBM PC LAN Compatible   /   CLIPPER 5.01; CLIPPER TOOLS
    II
System Level: 3

    Workplan Tracking is a generic program for tracking tasks, task
    progress, meeting and personnel assignments. Developed originally
    for non-point source/watershed section; Program is more simple to
    use than the formal project management software and it provides
    a number of useful reports on staff deadlines and workload. The
    software is multi-user-LAN capable. Source code, systems manual,
    and user guides are available.

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