



# INFOTERRA

USA National Focal Point

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## **PUBLICLY AVAILABLE SYSTEMS FROM THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S INFORMATION SYSTEMS INVENTORY**

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 inventories. These entries are taken from the January 1994 edition of the ISI.

This listing contains data about many of EPA's systems which are "publicly accessible". This is by no means a comprehensive listing. If you need assistance in identifying an EPA system which is not included on this list, please feel free to contact INFOTERRA/USA with as much information about the system as you have, and we will be happy to look for more information for you.

*Please note that each system includes a CONTACT. For any additional information regarding each of these systems, including availability, cost, and further technical detail, you must contact this person directly. INFOTERRA/USA is happy to provide this listing as a pointer to EPA systems that may be of interest to you. We do not, however, operate as a distributor for any of the systems on the list.*



United States  
Environmental Protection  
Agency

INFOTERRA, 3404  
401 M Street, S.W.  
Washington, D.C. 20460  
U.S.A

Phone: (202) 260-5917  
FAX: (202) 260-3923  
INTERNET:  
library-infoterra@  
epamail.epa.gov

### **ACID RAIN DATA SYSTEM EMISSIONS TRACKING SYSTEM [UAM]**

**CONTACT:** LARRY MORITZ, ACID RAIN DIVISION--SOURCE ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, 6204J  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 233-9144

**PURPOSE:** Compliance or Enforcement; Technology Development; Analysis

**SOURCE(S):** Required Reporting Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** COBOL; ADABAS

**COMPUTER TYPE:** IBM ES/9000; IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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 (SO<sub>2</sub> and NO<sub>x</sub> concentration; and data on performance of continuous emissions monitoring systems).

### **ADMINISTRATIVE ORDER TRACKING SYSTEM [AOTS]**

**CONTACT:** PETER BAHOR, ENFORCEMENT PROGRAM IMPLEMENTATION DIVISION--ENFORCEMENT BRANCH

**ADDRESS:** U.S. EPA, WH550E  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7280

**PURPOSE:** Compliance or Enforcement; Analysis; Oversight

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** AOTS is a Headquarters-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.

### **AEROMETRIC INFORMATION RETRIEVAL SYSTEM [AIRS]**

**CONTACT:** TOM LINK, TECHNICAL SUPPORT DIVISION--NATIONAL AIR DATA BRANCH

**ADDRESS:** U.S. EPA, MD14  
RTP, NC 27711  
**PHONE:** (919) 541-5456

**PURPOSE:** Compliance or Enforcement; Trend Assessment; Analysis

**SOURCE(S):** Other Government Agencies (Federal, State, local); Required Reporting Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** ADABAS/NATURAL

**COMPUTER TYPE:** IBM ES/9000; IBM PC LAN Compatible; IBM PC Stand Alone

**ABSTRACT:** 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 online graphics available.

## **AIRBORNE PARTICULATE AND PRECIPITATION DATA [ERD]**

**CONTACT:** CHARLES PETKO, OFFICE OF RADIATION PROGRAMS--NATIONAL AIR AND RADIATION ENVIRONMENTAL LABORATORY

**ADDRESS:** U.S. EPA  
1504 AVENUE A  
MONTGOMERY, AL 36115  
**PHONE:** (205) 270-3411

**PURPOSE:** Development of Regulations or Standards; Trend Assessment; Risk Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** VAX

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

## **AMBIENT MONITORING SYSTEM [DATATRAK]**

**CONTACT:** JAMES LUEY, WATER MANAGEMENT DIVISION--WATER QUALITY BRANCH

**ADDRESS:** U.S. EPA, 8WMWO  
999 18TH STREET, SUITE 500  
DENVER, CO 80202  
**PHONE:** (303) 293-1577

**PURPOSE:** Development of Regulations or Standards

**SOURCE(S):** Required Reporting Organizations; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE III

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** System design allows user to identify which permittees are monitoring what ambient surface water parameters. The user can identify 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.

## **AN OPERATION SYSTEM FOR PREDICTING THE POPULATION HEALTH EFFECTS FROM SHALLOW TRENCH OPERATION [PRESTOPOP]**

**CONTACT:** CHENGYENG HUNG, CRITERIA AND STANDARDS DIVISION--WASTE STANDARDS AND RISK ASSESSMENT

**ADDRESS:** U.S. EPA, 6602J  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 233-9204

**PURPOSE:** Development of Regulations or Standards; Compliance or Enforcement; Risk Assessment

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN & BASIC

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** The PRESTOEPAPOP model is designed to calculate the population health effects resulting from the disposal of lowlevel 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 designed to assist users to prepare the input file required to execute the main program.

## **AQUATIC TOXICITY INFORMATION RETRIEVAL [AQUIRE]**

**CONTACT:** CHRISTINE RUSSOM, ENVIRONMENTAL RESEARCH LABORATORY DULUTH--PREDICTIVE TOXICOLOGY BRANCH

**ADDRESS:** U.S. EPA  
6201 CONGDON BLVD.  
DULUTH, MN 55804  
**PHONE:** (218) 720-5709

**PURPOSE:** Risk Assessment; Compliance or Enforcement; Development of Regulations or Standards

**SOURCE(S):** Literature; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** VAX

**ABSTRACT:** 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.

## **ASIWPCA FILE**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Trend Assessment; Analysis

**SOURCE(S):** Other Data Systems; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE

**COMPUTER TYPE:** IBM ES/9000

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

## **CASE STUDY DATABASE SYSTEM [CSDS]**

**CONTACT:** NEWMAN SMITH, PERMITS AND STATE PROGRAMS DIVISION--STATE AND REGIONAL PROGRAMS BRANCH

**ADDRESS:** U.S. EPA, 5303W  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (703) 308-8757

**PURPOSE:** Administrative; Special Study; Analysis; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE III

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** This system was developed to facilitate locating case specific information and to support rule and guidance development activities affecting facility location, corrective action, and closure. Over 200 case studies have been organized into a library and detailed computerized data base system by data fields and key words. These case studies will address the following topics: floodplains, poor foundation, surface water impact areas, special groundwater 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.

## **CENTER FOR EXPOSURE ASSESSMENT MODELING ELECTRONIC BULLETIN BOARD SYSTEM [CEAM BBS]**

**CONTACT:** ROBERT AMBROSE, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION RD.  
ATHENS, GA 30605  
**PHONE:** (706) 546-3130

**PURPOSE:** Risk Assessment; Analysis; Development of Regulations or Standards

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Bulletin Board

**SOFTWARE PLATFORM:** WILDCAT (BBS SOFTWARE)

**COMPUTER TYPE:** IBM PC Stand Alone

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

## **CITY AND COUNTY FILES MASTER FILE [CMF]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE (IHS)

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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.

## **CLEAN AIR STATUS AND TRENDS NETWORK [CASTNET]**

**CONTACT:** JAMES REAGAN, QUALITY ASSURANCE AND TECHNICAL SUPPORT DIVISION--DATA SYSTEMS BRANCH

**ADDRESS:** U.S. EPA, 78A  
RTP, NC 27711  
**PHONE:** (919) 541-4486

**PURPOSE:** Trend Assessment; Anticipatory/Research; Risk Assessment

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FOCUS AND FORTRAN MOVING TO ORACLE

**COMPUTER TYPE:** VAX; IBM PC LAN Compatible

**ABSTRACT:** CASTNET incorporates data from the Acid Deposition System and National Dry Deposition Network. The ADS data include precipitation 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.

## **CLEAN AIR ACT ASSESSMENT PACKAGE 1988 FOR PERSONAL COMPUTERS [CAP88PC]**

**CONTACT:** BARRY PARKS, LAS VEGAS FACILITY--FIELD STUDIES BRANCH

**ADDRESS:** U.S. EPA  
P.O. BOX 98517  
LAS VEGAS, NV 89193  
**PHONE:** (702) 798-2443

**PURPOSE:** Compliance or Enforcement; Development of Regulations or Standards; Risk Assessment  
**SOURCE(S):** Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations; Literature  
**AVAILABILITY:** Publicly Available, All Portions Accessible  
**ACCESS METHOD:** Distributed interactive (system available for offsite installation)  
**APPLICATION TYPE:** Model  
**SOFTWARE PLATFORM:** FORTRAN 77, "C"  
**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** The CAP88PC 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). CAP88PC provides the CAP88 methodology for assessments of both collective populations and maximally-exposed individuals, and allows users to edit environmental transport variables. The complete set of dose and risk factors and stability array data used in CAP88 is provided. CAP88PC differs from the dose assessment software AIRDOSPC in that it estimates risk as well as dose, it offers a wider selection of radionuclide and meteorological data, it provides the capability for collective population assessments, and it allows users greater freedom to alter transport variable values.

### **CLEAN LAKES CLEARINGHOUSE [CLC]**

**CONTACT:** SUSAN RATCLIFFE  
**ADDRESS:** TERRENE INSTITUTE  
1717 K STREET, N.W. SUITE 801  
WASHINGTON, DC 20006  
PHONE: (202) 260-5404

**SOURCE(S):** Required Reporting Organizations; Literature  
**AVAILABILITY:** Publicly Available, All Portions Accessible  
**ACCESS METHOD:** Online interactive (system dial up)  
**APPLICATION TYPE:** Data Base  
**SOFTWARE PLATFORM:** BASIS  
**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** The Clean Lakes Clearinghouse collects, organizes, and disseminates 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.

### **COMPUTER-AIDED MANAGEMENT OF EMERGENCY OPERATIONS [CAMEO]**

**CONTACT:** KATHLEEN BISHOP, CHEMICAL EMERGENCY PREPAREDNESS AND PREVENTION OFFICE  
**ADDRESS:** U.S. EPA, OS120  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 260-5338

**PURPOSE:** Risk Assessment; Analysis  
**SOURCE(S):** Literature  
**AVAILABILITY:** Publicly Available, All Portions Accessible  
**ACCESS METHOD:** Distributed interactive (system available for offsite installation)  
**APPLICATION TYPE:** Data Base  
**SOFTWARE PLATFORM:** DBASE III  
**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** 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 GeneTox Carcinogen Data Base. Three major sources of information were used to create this evaluated data base: all 185 chemicals determined by the International Agency for Research on Cancer to have sufficient evidence of carcinogenic activity in experimental animals; 28 selected chemicals bioassayed for carcinogenic activity by the National Toxicology Program/National Cancer Institute and found to induce tumors in mice and rats; and 293 selected chemicals which had been evaluated in genetic toxicology and related bioassays as determined from previous GeneTox reports.

## **CONSOLIDATED LIST OF CHEMICALS SUBJECT TO REPORTING UNDER EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW ACT [LOL]**

**CONTACT:** KATHLEEN BISHOP, CHEMICAL EMERGENCY PREPAREDNESS AND PREVENTION OFFICE

**ADDRESS:** U.S. EPA, OS120  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-5338

**PURPOSE:** Compliance or Enforcement; Development of Regulations or Standards

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE III

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** 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.

## **COORDINATED LIST OF CHEMICALS [CLC]**

**CONTACT:** HEINZ P KOLLIG, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--MEASUREMENTS BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION RD.  
ATHENS, GA 30613  
**PHONE:** (706) 546-3770

**PURPOSE:** Anticipatory/Research; Risk Assessment; Special Study

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE IV

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

## **DRINKING WATER SUPPLY FILE [DWS]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment

**SOURCE(S):** Other Data Systems; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE

**COMPUTER TYPE:** IBM ES/9000

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

## **EMAP LOUISIANIAN PROVINCE DATA INFORMATION SYSTEM [EMAPLP]**

**CONTACT:** JOHN MCCAULEY, ENVIRONMENTAL RESEARCH LABORATORY GULF BREEZE

**ADDRESS:** EPA RESEARCH LAB  
1 SABINE ISLAND DRIVE  
GULF BREEZE, FL 32561  
**PHONE:** (904) 934-9353

**PURPOSE:** Special Study; Analysis

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** CLIPPER DATABASE LANGUAGE FOR PC

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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.

### **ENFORCEMENT DOCUMENT RETRIEVAL SYSTEM [EDRS]**

**CONTACT:** MERLE J MILLER, OFFICE OF COMPLIANCE ANALYSIS AND PROGRAM

**OPERATIONS--INFORMATION MANAGEMENT BRANCH**

**ADDRESS:** U.S. EPA, LE133  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-2614

**PURPOSE:** Compliance or Enforcement

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Text/Image

**SOFTWARE PLATFORM:** DBMS: BASIS; AVAILABLE ON 9TRACK TAPES ASCII

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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.

### **ENVIRONMENTAL FINANCING INFORMATION NETWORK [EFIN]**

**CONTACT:** VERA HANNIGAN, RESOURCE MANAGEMENT DIVISION--RESOURCE PLANNING AND ANALYSIS  
BRANCH

**ADDRESS:** U.S. EPA, H3304  
401 M ST. SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-6685

**SOURCE(S):** Literature; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**ABSTRACT:** 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 online database, electronic bulletin board, hotline, and distribution of EPA publications pertaining to financing. Intended users are state and local officials and those assisting them. Potential users helped plan EFIN. EFIN is accessed through the EPA Online Library System (OLS).

### **ENVIRONMENTAL FATE CONSTANTS INFORMATION [FATE]**

**CONTACT:** HEINZ P KOLLIG, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--MEASUREMENTS BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION ROAD  
ATHENS, GA 30613  
**PHONE:** (706) 546-3770

**PURPOSE:** Risk Assessment; Development of Regulations or Standards; Anticipatory/Research

**SOURCE(S):** Literature; EPA; Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FOCUS

**COMPUTER TYPE:** VAX

**ABSTRACT:** The FATE database provides environmental rate and equilibrium constants.



## **ENVIRONMENTAL MONITORING METHODS INDEX [EMMI]**

**CONTACT:** WILLIAM TELLIARD, ENGINEERING AND ANALYSIS DIVISION--ANALYTICAL METHODS STAFF

**ADDRESS:** U.S. EPA  
401 M STREET SW, WH552  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-5131

**PURPOSE:** Development of Regulations or Standards; Compliance or Enforcement; Anticipatory/Research

**SOURCE(S):** Literature; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** SYSTEM J

**COMPUTER TYPE #1:** IBM PC Stand Alone

**ABSTRACT:** The EMMI is a computerized catalog of information on environmentally 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 statutorily 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.

## **EPA INFORMATION SYSTEMS INVENTORY [ISI]**

**CONTACT:** STEVE HUFFORD, INFORMATION MANAGEMENT AND SERVICES DIVISION--INFORMATION MANAGEMENT BRANCH

**ADDRESS:** U.S. EPA, PM211D  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-9732

**PURPOSE:** Oversight; Development of Regulations or Standards

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** CLIPPER

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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 following information is included: system identification, descriptors of database content, and administrative data about access, and legal authorities. The database is available in the EPA Headquarters, Regional Libraries, and NTIS. The system is managed by the Information Management and Services Division, OIRM.

## **EPANET**

**CONTACT:** LEWIS A ROSSMAN, OFFICE OF ENVIRONMENTAL ENGINEERING AND TECHNOLOGY DEMONSTRATION--RISK REDUCTION ENGINEERING LABORATORY

**ADDRESS:** U.S. EPA, 663  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI, OH 45268  
**PHONE:** (513) 569-7603

**PURPOSE:** Development of Regulations or Standards; Technology Development; Risk Assessment

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** WINDOWS

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** In meeting the requirements of the Safe Drinking Water Act (SDWA), EPANET is used to evaluate the tradeoffs 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.

### **EXPOSURE ANALYSIS MODELING SYSTEM [EXAMSII]**

**CONTACT:** LAWRENCE BURNS, ENVIRONMENTAL RESEARCH LABORATORY ATHENS

**ADDRESS:** U.S. EPA ERL  
960 COLLEGE STATION  
ATHENS, GA 30605  
**PHONE:** (706) 546-3511

**PURPOSE:** Risk Assessment; Analysis; Anticipatory/Research

**SOURCE(S):** EPA; Required Reporting Organizations; Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** IBM PC Stand Alone; VAX

**ABSTRACT:** The EXAMSII 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.

### **EXPOSURE MODELS LIBRARY ON CDROM**

**CONTACT:** RICH WALENTOWICZ, EXPOSURE ASSESSMENT GROUP

**ADDRESS:** 401 M ST. SW, RD689  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-8922

**PURPOSE:** Risk Assessment; Analysis

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** VARIOUS

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible; Apple Macintosh

**ABSTRACT:** The Exposure Models Library on CDROM 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 CDROM is to demonstrate the use of this media and technology for distributing 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.

### **FACILITIES INDEX SYSTEM [FINDS]**

**CONTACT:** CHRISTOPHER BULLOCK, PROGRAM SYSTEM DIVISION--SYSTEM MAINTENANCE AND DEVELOPMENT BRANCH

**ADDRESS:** U.S. EPA, 3405R  
1550 WILSON BLVD.  
ROSSLYN, VA 22209  
**PHONE:** (703) 235-5599

**PURPOSE:** Compliance or Enforcement; Risk Assessment; Analysis

**SOURCE(S):** Other Data Systems; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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 crossmedia data integration by tracking facility locations across EPA program offices. It is used to assist in integrated enforcement analysis, "hot spot" determination, risk analysis, etc.

### **FEDERAL FACILITIES INVENTORY SYSTEM [FFIS]**

**CONTACT:** KEN SHUSTER, PERMITS AND STATE PROGRAMS DIVISION

**ADDRESS:** U.S. EPA, 5303W  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (703) 308-8759

**PURPOSE:** Program Evaluation; Trend Assessment; Oversight

**SOURCE(S):** Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE

**COMPUTER TYPE:** IBM PC Stand Alone

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

### **FISH ADVISORY SPECIAL INTEREST GROUP LOCATED ON NONPOINT SOURCE BULLETIN BOARD**

**CONTACT:** ALISON GREENE, STANDARDS AND APPLIED SCIENCES DIVISION--RISK ASSESSMENT AND MANAGEMENT BRANCH

**ADDRESS:** U.S. EPA, WH585  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7053

**DATA:** Risk Assessment; Trend Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Bulletin Board

**SOFTWARE PLATFORM:** PC BOARD

**COMPUTER TYPE:** IBM PC Stand Alone; Apple Macintosh; IBM PC LAN Compatible

**ABSTRACT:** 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.

### **FLEXIBLE MEMBRANE LINER ADVISORY EXPERT SYSTEM [FLEX]**

**CONTACT:** ROBERT LANDRETH, RISK REDUCTION ENGINEERING RESEARCH LABORATORY

**ADDRESS:** U.S. EPA, CH  
5995 CENTER HILL RD.  
CINCINNATI, OH 45224  
**PHONE:** (513) 569-7871

**PURPOSE:** Technology Development; Analysis

**SOURCE(S):** Other Nongovernmental Organizations; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Expert System

**SOFTWARE PLATFORM:** C

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** 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; written in Arity Prolog with subroutines in Inc.

### **GAGE AND DAM FILES [GD]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment

**SOURCE(S):** Other Data Systems; Other Government Agencies (Federal, State, local); EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE (IHS)

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** This system contains the locational data for gaging stations and dams throughout the United States.

### **GEOPHYSICS ADVISOR EXPERT SYSTEM, VERSION 2.0 [GAES,V2.0]**

**CONTACT:** ALDO MAZELLA PHD, ADVANCED MONITORING SYSTEMS DIVISION--AQUATIC AND SUBSURFACE MONITORING BRANCH

**ADDRESS:** U.S. EPA, AMW  
944 E. HARMON AVE.  
LAS VEGAS, NV 89119  
**PHONE:** (702) 798-2254

**PURPOSE:** Compliance or Enforcement; Oversight; Program Evaluation

**SOURCE(S):** Literature; Other Government Agencies (Federal, State, local); EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Expert System

**SOFTWARE PLATFORM:** MS DOS; BASIC-TRUE

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** GAES, version 2.0, is designed to assist and educate non-geophysicists in the use of geophysics at hazardous waste sites. A series of questions are asked about the site geology, contamination problem 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 contaminants 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.

### **GEOSYNTHETIC MODELING SYSTEM [GM]**

**CONTACT:** ROBERT LANDRETH, RISK REDUCTION ENGINEERING LABORATORY

**ADDRESS:** U.S. EPA, CH  
5995 CENTER HILL RD.  
CINCINNATI, OH 45224  
**PHONE:** (513) 569-7871

**PURPOSE:** Technology Development

**SOURCE(S):** Literature

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** BASIC

**COMPUTER TYPE:** IBM PC Stand Alone

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

## **GRAPHICAL EXPOSURE MODELING SYSTEMS/ PC GRAPHICAL EXPOSURE MODELING SYSTEM [GEMS/PCGEM]**

**CONTACT:** SONDRRA HOLLISTER, ECONOMICS, EXPOSURE AND TECHNOLOGY DIVISION--EXPOSURE ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, TS779  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-3390

**PURPOSE:** Analysis

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** MICRO DBMS ON MTS (MICHIGAN TERMINAL SYSTEM)

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

## **HIGH LEVEL AND TRANSURANIC RADIOACTIVE WASTE REPOSITORY RISK MODEL [REPRISK]**

**CONTACT:** RAY CLARK, CRITERIA AND STANDARDS DIVISION--WASTE STANDARDS AND RISK ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, 6602J  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 233-9310

**PURPOSE:** Development of Regulations or Standards; Risk Assessment; Analysis

**SOURCE(S):** Literature; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**APPLICATION TYPE:** Model

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

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

## **HYDROLOGIC EVALUATION OF LANDFILL PERFORMANCE MODEL [HELP]**

**CONTACT:** ROBERT LANDRETH, RISK REDUCTION ENGINEERING LABORATORY

**ADDRESS:** U.S. EPA  
5995 CENTER HILL AVE  
CINCINNATI, OH 45224  
**PHONE:** (513) 569-7871

**PURPOSE:** Compliance or Enforcement; Analysis

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local); Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Model

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** 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 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 rain fall, average temperatures, average solar radiation, leaf area indices and characteristics of cover materials and subsurface layers.

### **HYDROLOGIC SIMULATION PROGRAM, FORTRAN [HSPF9]**

**CONTACT:** THOMAS BARNWELL, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION  
ATHENS, GA 30613  
**PHONE:** (706) 546-3180

**PURPOSE:** Special Study; Anticipatory/Research; Risk Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** IBM ES/9000; IBM PC LAN Compatible; VAX

**ABSTRACT:** 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 wellmixed reservoirs.

### **HYPERVENTILATE: A SOFTWARE GUIDANCE SYSTEM CREATED FOR VAPOR EXTRACTION APPLICATIONS [HYPERVENT]**

**CONTACT:** DAVID WILEY, POLICY AND STANDARDS DIVISION--REGULATORY ANALYSIS BRANCH

**ADDRESS:** U.S. EPA, OS410WF  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (703) 308-8877

**PURPOSE:** Technology Development; Analysis

**SOURCE(S):** Literature

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**ABSTRACT:** The Watershed Model simulates point and nonpoint loads of nutrients, COD, and sediment to the Chesapeake Bay.

### **INDUSTRIAL COMBUSTION EMISSIONS MODEL [ICE MODEL]**

**CONTACT:** LARRY JONES, GLOBAL EMISSIONS AND CONTROL DIVISION--EMISSIONS MODELING BRANCH

**ADDRESS:** U.S. EPA, 62  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (919) 541-7716

**PURPOSE:** Special Study; Trend Assessment; Development of Regulations or Standards

**SOURCE(S):** Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** IBM ES/9000; SUN Sparc

**ABSTRACT:** 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.

## **INDUSTRIAL FACILITIES DISCHARGE FILE [IFD]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M ST. SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE (IHS)

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** Contains logistical information for facilities discharging into the nation's waters.

## **INTEGRATED RISK INFORMATION SYSTEM [IRIS]**

**CONTACT:** LINDA TUXEN, OFFICE OF HEALTH & ENVIRONMENTAL ASSESSMENT--IMMEDIATE OFFICE

**ADDRESS:** U.S. EPA, RD689  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-5949

**PURPOSE:** Risk Assessment; Analysis

**SOURCE(S):** EPA; Literature; Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** ASCII

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** IRIS is the EPA's repository and primary vehicle for communication of chronic cancer and noncancer health hazard information representing EPA consensus 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.

## **INTEGRATED MODEL EVALUATION SYSTEM [IMES]**

**CONTACT:** RICH WALENTOWICZ, EXPOSURE ASSESSMENT GROUP

**ADDRESS:** 401 M ST. SW, RD689  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-8922

**SOURCE(S):** Literature; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** C; DBASE; CLIPPER; WINDOWS SDK

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** The Integrated Model Evaluation System (IMES) is a PC-based application 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.

## **LAKE ANALYSIS MANAGEMENT SYSTEM [LAMS]**

**CONTACT: WILLIAM L RICHARDSON, ERL DULUTH--LARGE LAKES AND RIVER RESEARCH BRANCH**

**ADDRESS: U.S. EPA  
9311 GROH ROAD  
GROSSE ILE, MI 48138  
PHONE: (313) 692-7611**

**PURPOSE: Anticipatory/Research; Special Study**

**SOURCE(S): EPA; Other Government Agencies (Federal, State, local); Literature**

**AVAILABILITY: Publicly Available, All Portions Accessible**

**ACCESS METHOD: Online interactive (system dial up)**

**APPLICATION TYPE: Data Base**

**SOFTWARE PLATFORM: DBASE, FOLIOVIEWS, BASIS**

**COMPUTER TYPE: IBM PC Stand Alone; IBM ES/9000**

**ABSTRACT: 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.**

## **LEACHATE COLLECTION ADVISORY EXPERT SYSTEM [LCES]**

**CONTACT: ROBERT LANDRETH, RISK REDUCTION ENGINEERING LABORATORY--MUNICIPAL SOLID WASTE AND RESIDUALS MANAGEMENT**

**BRANCH**

**ADDRESS: U.S. EPA, CH  
5995 CENTER HILL RD.  
CINCINNATI, OH 45224  
PHONE: (513) 569-7871**

**PURPOSE: Compliance or Enforcement**

**SOURCE(S): Literature; EPA**

**AVAILABILITY: Publicly Available, All Portions Accessible**

**ACCESS METHOD: Distributed interactive (system available for offsite installation)**

**APPLICATION TYPE: Expert System**

**SOFTWARE PLATFORM: KNOWLEDGE PRO**

**COMPUTER TYPE: IBM PC Stand Alone**

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

## **LOWLEVEL RADIOACTIVE WASTE ENVIRONMENTAL TRANSPORT AND RISK ASSESSMENT CODE [PRESTOEPA]**

**CONTACT: CHENGYENG HUNG, CRITERIA AND STANDARDS DIVISION--WASTE STANDARDS AND RISK ASSESSMENT BRANCH**

**ADDRESS: U.S. EPA, 6602J  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 233-9204**

**PURPOSE: Development of Regulations or Standards; Compliance or Enforcement; Risk Assessment**

**SOURCE(S): EPA**

**AVAILABILITY: Publicly Available, All Portions Accessible**

**ACCESS METHOD: Hardcopy output**

**APPLICATION TYPE: Model**

**SOFTWARE PLATFORM: FORTRAN**

**COMPUTER TYPE: IBM ES/9000**

**ABSTRACT: PRESTOEPA 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 (PRESTOCPG/PC) is also available.**



## **MACROINVERTEBRATE AND FISH COMMUNITY ASSESSMENT**

**CONTACT:** RICHARD SPEAR, ENVIRONMENTAL SERVICES DIVISION--SURVEILLANCE AND MONITORING BRANCH

**ADDRESS:** 2890 WOODBRIDGE AVE., MS220  
EDISON, NJ 08837  
**PHONE:** (908) 321-6685

**PURPOSE:** Trend Assessment; Program Evaluation; Special Study

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**SOFTWARE PLATFORM:** DATA IS HARDCOPY

**ABSTRACT:** 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.

## **MULTICHAMBER CONSUMER EXPOSURE MODEL VERSION 2.1 [MCCEM]**

**CONTACT:** PATRICK KENNEDY, ECONOMICS, EXPOSURE AND TECHNOLOGY DIVISION--EXPOSURE ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, TS779  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-3916

**PURPOSE:** Risk Assessment; Development of Regulations or Standards; Anticipatory/Research

**SOURCE(S):** Literature; EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** MICROSOFT QUICK BASIC

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** The MultiChamber 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 inter-zonal airflows are available for different types of residences. The model can be used to evaluate exposure and risk.

## **MULTIMEDIA EXPOSURE ASSESSMENT MODEL FOR EVALUATING THE LAND DISPOSAL OF HAZARDOUS WASTES [MULTIMED]**

**CONTACT:** GERRY LANIAK, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION ROAD  
ATHENS, GA 30605  
**PHONE:** (706) 546-3310

**PURPOSE:** Risk Assessment; Technology Development; Analysis

**SOURCE(S):** EPA; Literature; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN CODE; PC ORIENTED

**COMPUTER TYPE:** IBM ES/9000; VAX; SUN Sparc

**ABSTRACT:** 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.

## **MUNICIPAL WASTE COMBUSTION ASH DISPOSAL FACILITIES DATA BASE [ASH DISPOS]**

**CONTACT:** VICTOR LAMBOU, ENVIRONMENTAL MONITORING SYSTEMS LABORATORY

**ADDRESS:** CBTR/R51, R51  
FLORIDA STATE UNIVERSITY  
TALLAHASSEE, FL 32306  
**PHONE:** (904) 644-5516

**PURPOSE:** Development of Regulations or Standards; Trend Assessment; Anticipatory/Research

**SOURCE(S):** EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** This is an inventory of approximately 150 sites. The system exists in dBase format.

## **NATIONAL UTILITY REFERENCE FILE [NURF]**

**CONTACT:** LARRY JONES, GLOBAL EMISSIONS AND CONTROL DIVISION--EMISSIONS MODELING BRANCH

**ADDRESS:** AEERL, MD62  
U. S. EPA  
RTP, NC 27711  
**PHONE:** (919) 541-7716

**PURPOSE:** Special Study; Analysis

**SOURCE(S):** Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** LOTUS 123

**ABSTRACT:** 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.

## **NATIONAL PESTICIDE INFORMATION RETRIEVAL SYSTEM [NPIRS]**

**CONTACT:** F. JOE LIEB, PROGRAM MANAGEMENT AND SUPPORT DIVISION--SYSTEMS BRANCH

**ADDRESS:** CERIS/VIRGINIA WALTERS  
1231 CUMBERLAND SUITE A  
W. LAFAYETTE, IN 47906  
**PHONE:** (317) 494-6614

**PURPOSE:** Development of Regulations or Standards; Compliance or Enforcement; Administrative

**SOURCE(S):** Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** ADABAS/NATURAL

**COMPUTER TYPE:** VAX

**ABSTRACT:** Over 23,000 active products and over 59,000 cancelled and transferred product registrations updated weekly. Lists the allowable residues of pesticides in raw agricultural commodities, processed food, and animal feed updated monthly. Over 230 registered chemical 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.

### **NATIONAL 304(L) SHORT LIST DATABASE [GCSOLAR]**

**CONTACT:** JAMES PENDERGAST, PERMITS DIVISION--WATER QUALITY AND INDUSTRIAL PERMITS BRANCH

**ADDRESS:** U.S. EPA, EN336  
401 M STREET S.W.  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-9537

**PURPOSE:** Program Evaluation; Oversight

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE

**ABSTRACT:** 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.

### **NETWORK FLOW AND CONTAMINANT TRANSPORT MODEL FOR STATISTICAL AND DETERMINISTIC SIMULATIONS USING PERSONAL COMPUTERS [NEFTRANS]**

**CONTACT:** RAY CLARK, CRITERIA AND STANDARDS DIVISION--WASTE STANDARDS AND RISK ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, 6602J  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 233-9310

**PURPOSE:** Development of Regulations or Standards; Risk Assessment; Analysis

**SOURCE(S):** Literature; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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.

### **NPDES DISCHARGE MONITORING REPORT [DMR]**

**CONTACT:** DELA NG, ENFORCEMENT DIVISION--COMPLIANCE INFORMATION AND EVALUATION BRANCH

**ADDRESS:** U.S. EPA, EN338  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-8313

**PURPOSE:** Compliance or Enforcement; Program Evaluation; Oversight

**SOURCE(S):** Required Reporting Organizations; Other Government Agencies (Federal, State, local); EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**SOFTWARE PLATFORM:** HARDCOPY FILES

**ABSTRACT:** 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.

### **NY BIGHT WATER QUALITY HELICOPTER MONITORING PROGRAM [NY BIGHT]**

**CONTACT:** RICHARD SPEAR, ENVIRONMENTAL SERVICES DIVISION--SURVEILLANCE AND MONITORING BRANCH

**ADDRESS:** U.S. EPA, MS220

2890 WOODBRIDGE AVE.  
EDISON, NJ 08837  
PHONE: (908) 321-6685

PURPOSE: Trend Assessment

SOURCE(S): EPA; Other Government Agencies (Federal, State, local)

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Hardcopy output

ABSTRACT: 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 (45 stations/transect, 116 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.

## **OFFICE OF GROUND WATER AND DRINKING WATER AND THE OFFICE OF SCIENCE AND TECHNOLOGY (OST) [DOCIT]**

CONTACT: MORRIS MABBITT, OFFICE OF SCIENCE AND TECHNOLOGY--POLICY AND COMMUNICATIONS STAFF

ADDRESS: U.S. EPA, WH551  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 260-3963

SOURCE(S): EPA

AVAILABILITY: Publicly Available, All Portions Accessible

APPLICATION TYPE: Data Base

SOFTWARE PLATFORM: CLIPPER

COMPUTER TYPE: IBM PC Stand Alone

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

## **OPERATION SYSTEM FOR PREDICTING MAXIMUM INDIVIDUAL DOSE FROM SHALLOW TRENCH OPERATION [PRESTOC PG]**

CONTACT: CHENGYENG HUNG, CRITERIA AND STANDARDS DIVISION--WASTE STANDARDS AND RISK ASSESSMENT

ADDRESS: U.S. EPA, 6602J  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 233-9204

PURPOSE: Development of Regulations or Standards; Compliance or Enforcement; Risk Assessment

SOURCE(S): EPA

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Hardcopy output

APPLICATION TYPE: Model

SOFTWARE PLATFORM: FORTRAN & BASIC

COMPUTER TYPE: IBM PC Stand Alone

ABSTRACT: The PRESTOEPACPG model is designed to calculate the maximum individual dose resulting from the disposal of lowlevel 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 designed to assist users to prepare the input files required to execute the main program.

## **PACKED COLUMN AERATION SYSTEM DESIGN PROCEDURE [PCAS]**

CONTACT: MIKE CUMMINS

ADDRESS: 26 W. MARTIN LUTHER KING  
CINCINNATI, OH 45268  
PHONE: (519) 569-7979

PURPOSE: Development of Regulations or Standards; Technology Development

SOURCE(S): Literature; EPA

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Hardcopy output  
APPLICATION TYPE: Model  
SOFTWARE PLATFORM: HP SERIES 300 DESKTOP COMPUTER BASIC LANG.  
ABSTRACT: Cost optimized design of packed column air stripping unit for drinking water applications.

### **PARAMETER (PARM) FILE**

CONTACT: BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

ADDRESS: U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 260-7028

PURPOSE: Analysis; Trend Assessment; Risk Assessment

SOURCE(S): Other Data Systems; EPA

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Online interactive (system dial up)

APPLICATION TYPE: Data Base

SOFTWARE PLATFORM: INHOUSE SOFTWARE

COMPUTER TYPE: IBM ES/9000

ABSTRACT: 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.

### **PESTICIDE INFORMATION NETWORK [PIN]**

CONTACT: LESLIE DAVIES-HILLIARD, ENVIRONMENTAL FATE AND EFFECTS DIVISION--ENVIRONMENTAL FATE AND GROUND WATER BRANCH

ADDRESS: U.S. EPA, H7507C  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (703) 305-7499

PURPOSE: Compliance or Enforcement; Trend Assessment; Special Study

SOURCE(S): EPA; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Online interactive (system dial up)

APPLICATION TYPE: Data Base

SOFTWARE PLATFORM: UNIX, ORACLE

ABSTRACT: 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) 3057499.

### **PESTICIDE AND INDUSTRIAL CHEMICAL RISK ANALYSIS AND HAZARD ASSESSMENT [PIRANHA]**

CONTACT: LAWRENCE BURNS, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--BIOLOGY BRANCH

ADDRESS: U.S. EPA  
960 COLLEGE STATION  
ATHENS, GA 30605  
PHONE: (706) 546-3511

PURPOSE: Risk Assessment; Analysis; Special Study

SOURCE(S): Required Reporting Organizations; Other Government Agencies (Federal, State, local); EPA

AVAILABILITY: Publicly Available, All Portions Accessible

ACCESS METHOD: Distributed interactive (system available for offsite installation)

APPLICATION TYPE: GIS

SOFTWARE PLATFORM: FORTRAN, ARC/INFO

COMPUTER TYPE: IBM PC Stand Alone; VAX

**ABSTRACT:** 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, meteorology and soils, and ecosystem factors controlling mobility and persistence of pesticides and industrial chemicals in the natural environment. The system incorporates a Geographic Information System (GISARC/INFO) database for regional site properties, and linked simulation models for projecting chemical data onto biological and ecological risk assessments.

### **PESTICIDE TREATABILITY DATA BASE [PEST]**

**CONTACT:** DAVID FERGUSON, WATER AND HAZARDOUS WASTE TREATMENT RESEARCH DIVISION--RISK REDUCTION ENGINEERING LABORATORY

**ADDRESS:** U.S. EPA  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI, OH 45268  
**PHONE:** (513) 569-7518

**PURPOSE:** Technology Development; Analysis; Compliance or Enforcement

**SOURCE(S):** Literature; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE IV

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** The Pesticide Treatability Data Base lists more than 1500 pesticides 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.

### **PRELIMINARY RANKING EVALUATION SCORE [PRESCORE]**

**CONTACT:** GREG REESOR, HAZARDOUS SITE EVALUATION DIVISION--SITE ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA, OS5204G  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (703) 603-9017

**PURPOSE:** Program Evaluation; Analysis; Administrative

**SOURCE(S):** Other Data Systems; Literature; EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Expert System

**SOFTWARE PLATFORM:** COMPILED C

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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 substances 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 resulting in capability to test multiple site scoring scenarios. The software contains ext. help screens and documentation capabilities.

### **PRETREATMENT COMPLIANCE MONITORING AND ENFORCEMENT [PCME]**

**CONTACT:** LEE OKSTER, ENFORCEMENT DIVISION--POLICY DEVELOPMENT BRANCH

**ADDRESS:** U.S. EPA, EN338  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-8329

**PURPOSE:** Compliance or Enforcement; Administrative; Oversight

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE III +

**ABSTRACT:** 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 pre treatment programs as well as states which run individual pretreatment programs.

### **PROXIMITY OF WASTE SITES TO SENSITIVE ENVIRONMENTS [PROXIMITY]**

**CONTACT:** VICTOR LAMBOU, ENVIRONMENTAL MONITORING SYSTEMS LABORATORY LAS VEGAS

**ADDRESS:** CBTR/R51, R51  
FLORIDA STATE UNIVERSITY  
TALLAHASSEE, FL 32306  
**PHONE:** (904) 644-6376

**PURPOSE:** Development of Regulations or Standards; Trend Assessment; Anticipatory/Research

**SOURCE(S):** Other Data Systems; Literature; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Electronic output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE

**COMPUTER TYPE:** IBM PC Stand Alone

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

### **RACT/BACT/LAER CLEARINGHOUSE INFORMATION SYSTEM [BLIS]**

**CONTACT:** JOSEPH STEIGERWALD, EMISSION STANDARDS AND ENGINEERING DIVISION

**ADDRESS:** U.S. EPA, MD13  
RTP, NC 27711  
**PHONE:** (919) 541-2736

**PURPOSE:** Technology Development

**SOURCE(S):** Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FORTRAN, SAS, WYLBUR

**ABSTRACT:** 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).

### **REACH FILE [RF]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment; Risk Assessment

**SOURCE(S):** Other Nongovernmental Organizations; Other Data Systems

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** PL1

**COMPUTER TYPE:** IBM ES/9000; IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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.

### **RETENTION CURVE COMPUTER CODE [RETC]**

**CONTACT:** DAVID BURDEN, CENTER FOR SUBSURFACE MODELING SUPPORT--APPLICATION AND ASSISTANCE  
BRANCH

**ADDRESS:** ROBERT S. KERR ERL  
P.O. BOX 1198  
ADA, OK 74820

**PURPOSE:** Analysis; Anticipatory/Research

**SOURCE(S):** Literature; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** DOS

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** The RETC computer code provides an alternative to direct measurements 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.

### **RISK\*ASSISTANT [RISK\*ASSIS]**

**CONTACT:** RICH VALENTOWICZ, EXPOSURE ASSESSMENT GROUP--EXPOSURE ASSESSMENT METHODS  
BRANCH

**ADDRESS:** 401 M ST SW, RD689  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-8922

**PURPOSE:** Risk Assessment; Analysis

**SOURCE(S):** EPA; Other Data Systems; Literature

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** 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.

### **ROUTING SLIP MACHINE [RSM]**

**CONTACT:** WILLIAM CLUGSTON, ADMINISTRATIVE SYSTEMS DIVISION--APPLICATIONS SOFTWARE BRANCH

**ADDRESS:** U.S. EPA, PM218  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7545

**PURPOSE:** Administrative

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** WINDOWS APPLICATION

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** The Risk Assessment Library on CDROM presents close to 200 documents concerning human exposure to a wide variety of chemicals. These documents, collected in paper and magnetic form, are a representative 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 distribution of exposure and risk assessment information. This CDROM 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.



## **RREL TREATABILITY DATA BASE, VERSION 5.0 [RREL TDB]**

**CONTACT:** GLENN M SHAUL, WATER AND HAZARDOUS WASTE TREATMENT RESEARCH DIVISION--TOXICS CONTROL BRANCH

**ADDRESS:** U.S. EPA, MLK445  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI, OH 45268  
**PHONE:** (513) 569-7408

**PURPOSE:** Analysis; Technology Development; Anticipatory/Research

**SOURCE(S):** Literature; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE IV, CLIPPER

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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.

## **STATE REVOLVING FUND INFORMATION DATA BASE**

**CONTACT:** KIT FARBER, MUNICIPAL SUPPORT DIVISION--STATE REVOLVING FUND BRANCH

**ADDRESS:** U.S. EPA, WH547  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-3973

**PURPOSE:** Analysis; Program Evaluation; Oversight

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE FOR PC

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** 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.

## **STATE REVOLVING FUND AWARD LIST**

**CONTACT:** KIT FARBER, MUNICIPAL SUPPORT DIVISION--STATE REVOLVING FUND BRANCH

**ADDRESS:** U.S. EPA, WH547  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-3973

**PURPOSE:** Analysis; Program Evaluation; Oversight

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Spreadsheet

**SOFTWARE PLATFORM:** LOTUS 123 FOR PC

**COMPUTER TYPE:** IBM PC Stand Alone; IBM PC LAN Compatible

**ABSTRACT:** The system contains information on capitalization grants awarded to states under the State Revolving Fund (SRF) program. Information 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.

### **STORET DAILY FLOW SYSTEM [DFS]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M ST. SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** PL1

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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.

### **STORET WATER QUALITY SYSTEM [WQS]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Trend Assessment; Analysis; Risk Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** PL1

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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.

### **STORET FISH KILL FILE [FK]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Trend Assessment; Analysis; Risk Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** PL1

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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 government organizations. The file is maintained but it is no longer being updated.

### **STREAM QUALITY MODEL [QUAL2E]**

**CONTACT:** TOM BARNWELL, ENVIRONMENTAL RESEARCH LABORATORY ATHENS--ASSESSMENT BRANCH

**ADDRESS:** U.S. EPA  
960 COLLEGE STATION  
ATHENS, GA 30613  
**PHONE:** (706) 546-3180

**PURPOSE:** Risk Assessment; Anticipatory/Research; Special Study

**SOURCE(S):** Other Government Agencies (Federal, State, local); EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**COMPUTER TYPE:** IBM PC Stand Alone; VAX; SUN Sparc

**ABSTRACT:** 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, NH<sub>3</sub>, 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.

## **TECHNOLOGY TRANSFER NETWORK [TTN]**

**CONTACT:** JERRY MERSCH, TECHNICAL SUPPORT DIVISION--SOURCE RECEPTOR ANALYSIS BRANCH

**ADDRESS:** 4201 BUILDING, 14  
DAVIS DRIVE  
RTP, NC 27711  
PHONE: (919) 541-5635

**SOURCE(S):** EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Bulletin Board

**SOFTWARE PLATFORM:** TBBS/TDBS, ESOF, INC.

**ABSTRACT:** The Office of Air Quality Planning and Standards (OAQPS) Technology Transfer Network (TTN) is a 64line 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.

## **THREE DIMENSIONAL TIME VARIABLE WATER QUALITY MODEL [3DTVM]**

**CONTACT:** LEWIS LINKER

**ADDRESS:** 410 SEVERN AVENUE, 3CB10  
ANNAPOLIS, MD 21403  
PHONE: (410) 267-0068

**PURPOSE:** Program Evaluation; Analysis

**SOURCE(S):** Other Government Agencies (Federal, State, local); Literature

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**ABSTRACT:** 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.

## **TOXIC SUBSTANCES CONTROL ACT TEST SUBMISSIONS [TSCATS]**

**CONTACT:** JAMES BRADSHAW, INFORMATION MANAGEMENT DIVISION--INFORMATION ACCESS BRANCH

**ADDRESS:** U.S. EPA, TS793  
401 M STREET SW  
WASHINGTON, DC 20460  
PHONE: (202) 260-1543

**PURPOSE:** Risk Assessment; Anticipatory/Research; Analysis

**SOURCE(S):** Required Reporting Organizations; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**COMPUTER TYPE:** IBM ES/9000; IBM PC Stand Alone

**ABSTRACT:** TSCATS is an online index of nonconfidential 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.

### **TRACKING RESPONSES TO ACID RAIN COMPLIANCE REQUIREMENTS DATABASE**

**CONTACT:** ROBERT NEWMAN, ACID RAIN DIVISION--POLICY EVALUATION BRANCH

**ADDRESS:** 401 M ST. SW, 6204J  
WASHINGTON, DC 20460  
**PHONE:** (202) 233-9104

**PURPOSE:** Trend Assessment; Program Evaluation; Analysis

**SOURCE(S):** Literature; EPA; Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** PARADOX 4.0, PARADOX APPLICATION LANGUAGE

**ABSTRACT:** 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.

### **US VIRGIN ISLANDS AMBIENT MONITORING SURVEY [VI SURVEY]**

**CONTACT:** RICHARD SPEAR, INFORMATION SERVICES DIVISION

**ADDRESS:** U.S. EPA, MS220  
2890 WOODBRIDGE AVE.  
EDISON, NJ 08837  
**PHONE:** (908) 321-6685

**PURPOSE:** Trend Assessment

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Hardcopy output

**SOFTWARE PLATFORM:** STORET

**ABSTRACT:** The U.S. Virgin Islands Ambient Monitoring Survey has been conducted for two consecutive years for water quality sample collection 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.

### **VAC3D**

**CONTACT:** JONG SOO CHO, ROBERT S. KERR ENVIRONMENTAL RESEARCH LABORATORY--SUBSURFACE SYSTEMS BRANCH

**ADDRESS:** U.S. EPA ROBERT S. KERR ERL  
P.O. BOX 1198  
ADA, OK 74820  
**PHONE:** (405) 332-8800

**PURPOSE:** Technology Development; Anticipatory/Research; Program Evaluation

**SOURCE(S):** EPA; Other Government Agencies (Federal, State, local); Other Nongovernmental Organizations

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Model

**SOFTWARE PLATFORM:** FORTRAN

**ABSTRACT:** 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.

## **VENDOR INFORMATION SYSTEM FOR INNOVATIVE TREATMENT TECHNOLOGIES [VISITT]**

**CONTACT:** LINDA FIEDLER --TECHNOLOGY INNOVATION OFFICE

**ADDRESS:** U.S. EPA, OS110W  
401 M ST. SW  
WASHINGTON, DC 20460  
**PHONE:** (703) 308-8799

**PURPOSE:** Technology Development; Trend Assessment; Anticipatory/Research

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** CLIPPER 5.01

**COMPUTER TYPE:** IBM PC LAN Compatible; IBM PC Stand Alone

**ABSTRACT:** 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.

## **WASTE ANALYSIS PLAN REVIEW ADVISOR [WAPRA]**

**CONTACT:** JERRY WATERMAN, WASTE MINIMIZATION DES. DISPOSAL RES.--MUNICIPAL SOLID WASTE AND RES. MANAGEMENT

**ADDRESS:** U.S. EPA, CH  
5995 CENTER HILL ROAD  
CINCINNATI, OH 45224  
**PHONE:** (513) 569-7834

**PURPOSE:** Compliance or Enforcement

**SOURCE(S):** EPA; Literature

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Distributed interactive (system available for offsite installation)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** DBASE IV

**COMPUTER TYPE:** IBM PC Stand Alone

**ABSTRACT:** This system assists in the identification of chemical incompatibilities when different waste chemicals are handled together. It also recommends the appropriate sampling equipment and analytical methods for monitoring the waste streams. This expert system is a data base that facilitates the implementation of the evaluation procedures specified in the waste analysis plan evaluation document. This is a PC-based system written in ARITY PROLOG.

## **WATER QUALITY ANALYSIS SYSTEM [WQAS]**

**CONTACT:** BOB KING, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-7028

**PURPOSE:** Analysis; Trend Assessment; Risk Assessment

**SOURCE(S):** Other Data Systems; EPA; Other Government Agencies (Federal, State, local)

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Graphics/Presentation

**SOFTWARE PLATFORM:** INHOUSE SOFTWARE

**COMPUTER TYPE:** IBM ES/9000

**ABSTRACT:** 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.

**WATERBODY SYSTEM [WBS]**

**CONTACT:** JOHN J CLIFFORD, ASSESSMENT AND WATERSHED PROTECTION DIVISION--MONITORING BRANCH

**ADDRESS:** U.S. EPA, WH553  
401 M STREET SW  
WASHINGTON, DC 20460  
**PHONE:** (202) 260-3667

**PURPOSE:** Analysis; Risk Assessment; Trend Assessment

**SOURCE(S):** Other Government Agencies (Federal, State, local); EPA

**AVAILABILITY:** Publicly Available, All Portions Accessible

**ACCESS METHOD:** Online interactive (system dial up)

**APPLICATION TYPE:** Data Base

**SOFTWARE PLATFORM:** FOXPPO (MAINFRAME VERSION WILL BE IN DB2).

**COMPUTER TYPE:** IBM ES/9000; IBM PC Stand Alone

**ABSTRACT:** WBS contains state-reported information on the water quality status of specific water bodies. States input data including causes, sources, and monitoring basis.

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