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EPA
ADP SURVEY

NATIONAL COMPUTER CENTER
Research Triangle Park,
North Carolina

EPA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Research Triangle Park, North Carolina 27711
December 8, 1978

MEMORANDUM

SUBJECT: ADP Survey for EPA 1980's System Acquisition and Implementation Program

TO: All EPA Division Directors

FROM: Samuel C. Brown, Director
National Computer Center Samuel C Brown

In April 1978, Mr. Douglas M. Costle chartered the 1980's ADP System Acquisition and Implementation Program (SAIP). A copy of Mr. Costle's letter and the charter are attached for your information and guidance. The SAIP has been staffed and plans are now being made to implement the overall charter.

One very important task in the SAIP is a determination of ADP systems requirements and usage on the division level. We at the National Computer Center need to know your projected requirements for the period 1981 through 1990 so that we can ensure that our hardware and system capabilities are adequate to meet these requirements. To accomplish this, we have enclosed a survey package to be completed by your division. The survey addresses four areas: documentation assessment, analysis of security/privacy/freedom-of-information requirements, functional characterization of current ADP usage, and evaluation of current ADP development status. The package consists of several sets of forms, with instructions and support materials.

The survey package attached is unique to your division, based upon your ADP responsibilities and usage. All divisions are required to prepare an Account Code Assignment Survey Form. In addition, if you have responsibility for software systems or other computer programs, then forms are enclosed to describe that software. Refer to the General Instructions Section of the survey package for detailed information concerning the particular forms required from your division.

In addition to completing the enclosed forms, we would also appreciate your comments regarding your projected ADP requirements in the following areas:

- ADP needs that are not currently being met.
- ADP resources and procedures that may be required by future projects/programs.
- Questions or comments pertaining to the 1980's ADP System Acquisition and Implementation Program.

Members of the SAIP staff will contact you in the near future to resolve any immediate problems you may have and to answer your questions.

I cannot emphasize too strongly the importance of this survey. The data we receive will help determine the acquisition of the 1980's data processing system, and errors and omissions can result in major problems during the procurement cycle. For this reason, you are requested to personally support this effort and to ensure that the survey results are as complete and accurate as possible. Please call Bob Denny at FTS 629-3751 if you have any problems.

The target date for completion of the survey is January 29, 1979. I would greatly appreciate receiving the survey material on or before that date.

Your assistance in this effort is truly appreciated, and I assure you that we will make every effort to procure the most reliable and cost-effective system available for your use.

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

APR 17 1978

THE ADMINISTRATOR

MEMORANDUM

To: Assistant Administrators
Regional Administrators

Subject: Establishment of Program Manager for 1980's ADP System Acquisition and Implementation Program

EPA is now beginning a major system acquisition program that will provide for our ADP needs in the 1980's under the policy that I established last July. I have designated Mr. Samuel Brown of our central ADP management organization the Program Manager who will lead this effort.

We must press this acquisition for two reasons: (1) The IBM contract (COMNET) that provides half of our computing resources will expire at the end of 1980's and (2) The remainder of the computer-resource (UNIVAC-RTP) is expected to reach the end of its technological usefulness during the early 1980's.

The ADP System Acquisition and Implementation Program is designed to acquire and implement the ADP resources (hardware/software/telecommunications/contract personnel) to satisfy all EPA ADP requirements for at least ten years from implementation beginning in the early 1980's. This acquisition is both very important and very difficult. Sam Brown, the Program Manager, will need your full cooperation and support. Sam will report to me at specific milestones during the program and I will personally be the selection official on this procurement.

You will have to pay especially close attention to the conversion of your information systems from the two present computer centers to the new system. GSA will only allow information systems that meet certain standards to be considered in the selection of new ADP resources. We must make sure our systems fit GSA's criteria to avoid potentially serious conflicts and delays. We also need to get our RFP's out soon. Sam will get back to you to define what is required in detail.

Douglas M. Costle

Attachment

Environmental Protection Agency

1981-1990 ADP System Acquisition and Implementation Program

Program Manager

CHARTER

1. Purpose: The purpose of this charter is to establish the Program Manager for the Environmental Protection Agency's 1981-1990 ADP System Acquisition and Implementation Program. The Program Manager is Mr. Samuel C. Brown. This charter will outline the authority and responsibilities of the Program Manager and describe the relationships of the Program Manager to other organizations/ participants, which will be supporting this ADP Acquisition Program.

2. Background: During 1977, the Agency performed a workload analysis of EPA. The current workload (1977) was analyzed and then forecasted for the years 1981, 1985, and 1990. The study is documented in the "Environmental Protection Agency's 1981-1990 ADP Requirements Study" dated December 14, 1977. The costs of the EPA ADP program are projected as an eight percent average annual growth from present and thus are to be from $25 million to $50 million annually during the 1980's. This includes the computer hardware, operating system and necessary software packages, telecommunications network, conversion effort and the facilities management contractor to operate the computers.

3. Mission: The Program Manager is administratively established under the Assistant Administrator for Planning and Management (AA, OPM). The Program Manager shall provide management and technical direction to accomplish the orderly acquisition and implementation of ADP resources to satisfy EPA requirements for at least ten years beginning in the early 1980's. The program life extends until conversion from existing computer centers have been completed.

4. Program Manager Functions: Subject to existing EPA Orders, Regulations, and Procedures, the Program Manager is responsible for:

   A. Organization, planning, directing, and controlling all aspects of the acquisition and implementation program for the new ADP resources.

   B. Continually reviewing and updating all 1981-1990 ADP mission requirements and determining impact on the program.

C. Ensuring that a comprehensive System Acquisition and Implementation Plan, including a program management plan with milestones based on authorized resource levels and a program budget, is developed and maintained throughout the life of the program.

D. Implementing management actions which result in the completion of all program actions necessary to acquire and implement the ADP resources needed in the 1980's.

E. Appointing a project officer for all program contracts.

F. Assuring that interfacing and participating organizations plan and execute assigned tasks and responsibilities in a timely and cost-effective manner.

G. Managing the large-scale conversion effort including directions for preparation of agency information systems for conversion and the implementation process on the new ADP resources.

5. Responsibility and Authority: The Program Manager is delegated complete responsibility and authority for management and successful execution of the 1981-1990 ADP System Acquisition and Implementation Program. This includes the following:

A. Take the necessary management action to ensure that functions, as described in Paragraph 4, are performed.

B. Determine and supply to the Assistant Administrators and Regional Administrators the actions and support necessary from their areas.

C. Serve as the System Acquisition Executive for Assistant Administrator for Planning and Management. In cases requiring Administrator's approval the Program Manager will make the recommendation to the Administrator, EPA, based on his technical evaluation with cost and other factors considered.

D. Establish Interagency Support Agreements and internal EPA organizational support agreements.

E. Serve as the single point of EPA contact with external organizations.

F. Exercise technical and administrative supervision of all people supporting the 1981-1990 ADP System Acquisition Program including permanent, temporary, and intermittent personnel assigned to the program from supporting organizations. This includes authority to approve official personnel actions for permanent personnel within the authorized staffing level of the Program Manager staff.

G. Administers program funds from the approved program budget.

H. Issues EPA correspondence and performs the liaison necessary both internal and external to EPA to ensure accomplishment of program objectives.

I. Reports to the EPA Administrator at appropriate milestones.

Date: April 4, 1978 Reviewed by: Bill Drayton
William Drayton, Jr.
Assistant Administrator
for Planning and Management

Date: April 17, 1978 Approved by: William Costle
Douglas M. Costle
Administrator, EPA

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Note: Multiple sets of this package are provided to facilitate comprehensive response for all division ADP responsibilities.

INTRODUCTION AND GENERAL INSTRUCTIONS

The purpose of this survey is to collect data for the EPA 1980's ADP procurement, to evaluate software system conversion requirements, and to establish an ADP development cycle for EPA. The following forms are enclosed to support this survey:

Account Code Assignment Survey Form
General System/Activity Characterization Form
System Documentation Assessment Form
System Evaluation Form
Security/Privacy/Freedom-of-Information Form
Minicomputer Usage Form

The following table indicates those forms which must be prepared by your division, based on your division's ADP usage and responsibilities:

FORM REQUIRED / DIVISION ADP RESPONSIBILITY & USAGE	Account Code Assignment Survey Form	General System/Activity Characterization Form	System Documentation Assessment Form	System Evaluation Form	Security/Privacy/Freedom-of-Information Form	Minicomputer Usage Form
NCC/WCC Account Code Usage	X					
Each ADP system for which division has responsibility		X	X	X	X	X
Each ADP functional activity, apart from systems, in which this division engages		X				X
Private programs/data bases used with systems which are not the responsibility of this division		X				X
Miscellaneous programs not significant in above categories		X				X

Table 1. Forms Requirements

It is essential that the enclosed forms account for all division computer usage (including minicomputers) at NCC and WCC, and for all software systems and other computer programs (including those for minicomputers) within your division that are used at these two computer centers.

ACCOUNTING FOR COMPUTER USAGE. A complete list of active account codes for your division is included as Table 2. The account code descriptions, systems manager's names, and locations, with other relevant account code information, are included in the Reference Materials section of this survey package. Every account code listed in Table 2 must be entered on the Account Code Assignment Survey Form. The account codes will be grouped by the systems and activities for which they are used. For instance, if a division has 12 active account codes that are used for various types of processing with the SAROAD system, then SAROAD will be entered as the system, and all 12 account codes will be listed next to it. Further detailed instructions are attached to the Account Code Assignment Survey Form.

The account code list in Table 2 should be returned with the survey results. If any changes to the list are necessary, they should be made along with a note indicating why the change is required.

ACCOUNTING FOR SYSTEMS AND OTHER COMPUTER PROGRAMS. Table 3 contains a list of systems which are the responsibility of your division. This table also provides a list of activities to account for computer programs which are not part of a system. Both lists may have to be extended. If your division has responsibility for systems or activities not listed in Table 3, then they must be added to the list. If there is a small number of programs left in the division's responsibility and these programs do not appear to fit in the systems/activities groups, or appear insignificant for reporting purposes, they may be grouped and reported in a "miscellaneous" category. The various reporting forms will be completed as follows:

a. The General System/Activity Characterization Form is the reporting medium for systems, activities, and the miscellaneous category. One of these forms must be filled out for each system, activity, and miscellaneous category. If your division uses a system which is the responsibility of another division, but the usage includes programs or data bases which are the responsibility of your division, then this form must be completed for these programs also. The entire form must be completed for each system. For reporting functional activities or the miscellaneous categories, certain questions may not be applicable and

may be so indicated. At a minimum, the name, description, documentation, responsible personnel, interfaces, and all program summary and applicable data base summary data must be filled in.

b. A System Documentation Assessment Form, System Evaluation Form, and Security/Privacy/Freedom-of-Information Form must be completed for each system.

c. A Minicomputer Usage Form must be completed for each minicomputer.

The division's total set of systems, activities, private programs in support of other systems, and the miscellaneous category will comprise categories for system/activity names on the Account Code Assignment Survey Form. Additional categories will be systems used by the division for which the division has no responsibility. You will supply this information.

REFERENCE MATERIALS. The Reference Materials Section includes detailed division account code information and a list of EPA ADP systems and definitions of candidate activities to aid in completion of both the Account Code Assignment Survey Form and the General System/Activity Characterization Form.

If assistance is required in responding to this survey, or if additional forms are needed, please call Bob Denny, FTS 629-3751.

Please return the completed survey to the following address:

Mr. Bob S. Denny
Environmental Protection Agency
80's ADP SAIP (MD-18)
Research Triangle Park, NC 27711

ACCOUNT CODE ASSIGNMENT SURVEY FORM

Instructions

1. Each division will complete and return one Account Code Assignment Survey Form. (One form may consist of several pages.)

2. This form will account for all division ADP usage of the NCC and WCC computers. Systems' names and functional activities will be listed in the left-hand column, and ADP account codes in the right-hand column grouped next to the appropriate system or activity. Following is an example of a completed form:

ACCOUNT CODE ASSIGNMENT SURVEY FORM

SYSTEM/ACTIVITY NAME	ACCOUNT CODES
ENERGY DATA SYSTEM	90545PPS3, 80545AR3C, FMR4, CCD3, KML3
MODEL PLANT STUDY SYSTEM	90545MPCD, 90575K3LL, 90575ARDC
SAROAD (PRIVATE PROGRAMS)	90545SROD, 90545PP01
STATISTICAL ANALYSIS	90545SATC, 90575STCL, KLS3, ROST (30%)
SIMULATION AND MODELING	90535SMO4, 90535SMHP, ROST (70%)
MISCELLANEOUS	90545SIMC, 90575JUNK

3. The complete list of system/activity names will be comprised of:

   a. Systems for which the division is responsible.

   b. Systems which the division uses, but for which the division has no maintenance/development responsibility.

   c. Functional activities in which the division is engaged. (These are major activities not related to an EPA system.)

d. Systems which the division uses and for which the division has no maintenance or development responsibility, but has a set of private programs or data bases to use with that system. (Indicate private programs shown in the above example).

e. Miscellaneous - this is an acceptable category for a small group of programs which either do not fit in any other category or are not significant for individual reporting.

4. If an account code is used for more than one of the listed systems/activities, then it will be listed with each and the appropriate percentage of use indicated as shown in the example. Account codes representing different functions within a system (maintenance, development, data base update, etc.) will all be grouped next to the system name.

5. The list of current active account codes for your division is included as Table 2. Table 3 lists the systems for which your division is responsible, along with a list of possible functional activities. Additions to these lists should be made as necessary to reflect the actual division work. All account codes in Table 2 must be accounted for in this survey form. A list of additional EPA systems and auxiliary data (description, manager's name, user names, etc.) for account codes is provided in the Reference Materials, Section 8, along with a set of definitions for functional activities. The reference materials are provided to aid in filling out this survey form and to serve as a checklist for completeness.

ACCOUNT CODE ASSIGNMENT SURVEY FORM

PREPARED BY_____ DATE COMPLETED_____

TITLE_____ ORG. NAME & CODE_____

SYSTEM/ACTIVITY NAME	ACCOUNT CODES

DIVISION ACCOUNT CODES ORG 90540009

RTP	90540CRCT
RTP	90540PPS5
RTP	90540RSUP
WCC	CSCC
WCC	DCR5
WCC	PPS5
WCC	SMR5
WCC	S211
WCC	WPR5
WCC	RSUP
WCC	WFNK
WCC	MSIS

Table 2. Division Account Codes

DIVISION SYSTEM LIST - ORG 90540009

CIVIL RIGHTS SYSTEM
(OTHER)_____
(OTHER)_____
(OTHER)_____

CANDIDATE ACTIVITIES

Definitions of these activities are contained in the Reference Materials Section.

- o High Order Language Program Development and Maintenance
- o Language Processor Development and Maintenance
- o Procedure Development and Maintenance
- o Operating System Modification; Enhancement and Evaluation
- o Utility Development and Maintenance
- o Data Base Management Program Development
- o Data Presentation Program Development
- o Statistical Analysis
- o Simulation and Modeling
- o User Assistance and Training
- o EPA Operations, Planning and Management Support
- o (Other)_____
- o (Other)_____

Table 3. Division System List & Functional Activities

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

Instructions

1. A separate set of these forms will be completed for:

   a. Each EPA software system for which your division has responsibility.

   b. Each ADP functional activity, apart from systems, in which your division engages.

   c. Division owned/maintained private programs and data bases used with systems which are not the responsibility of your division.

   d. A miscellaneous category which may include a small number of programs that do not fit in the above categories, or which are not significant in themselves.

2. A list of systems for which your division has responsibility is presented in Table 3. A list of candidate functional activities is also presented in that table. The activities are defined in the Systems/Activities subsection of the Reference Materials section. Additions to the lists should be made as necessary to represent the division's work.

3. When the General System/Activity Characterization Form is prepared for a category of software other than a system, some of the questions may not be applicable. In this case, mark the question "N.A." At a minimum, the name, description, documentation, responsible personnel, interfaces, and all program summary and applicable data base questions should be answered. Other questions should be answered where possible.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

PREPARED BY_____ DATE COMPLETED_____

TITLE_____ ORG. NAME & CODE_____

1. NAME & ACRONYM OF SYSTEM/ACTIVITY: _____

2. DESCRIPTION OF THE PURPOSE OR FUNCTION OF THIS SYSTEM/ACTIVITY: _____

3. CONGRESSIONAL ACTS/LAWS RESULTING IN THIS SYSTEM: _____

4. ZERO BASE BUDGET REFERENCE, IF AVAILABLE: _____

5. SYSTEM MANAGER, CHIEF ANALYST, OR OTHER RESPONSIBLE PERSONNEL:

NAME	TITLE	ORG	LOCATION	PHONE

6. SYSTEM LOCATION: ☒ WCC ☐ NCC ☐ OTHER (NAME)_____

IF SYSTEM LOCATION IS OTHER THAN WCC OR NCC, GIVE COMPUTER TYPE: _____

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

7. SYSTEM DOCUMENTATION SUMMARY

REFERENCE	TYPE DOCUMENT								WHEN PRODUCED			PURPOSE	
DOCUMENT NAME, NUMBER & DATE	FEASIBILITY STUDY	TEST PLAN	USER'S MANUAL	DESIGN DOCUMENT	SOURCE CODE	MAINTENANCE	OTHER	OTHER	BEFORE SYSTEM DEVELOPMENT	DURING SYSTEM DEVELOPMENT	AFTER SYSTEM DEVELOPMENT	DEVELOPMENT CONTROL	PRODUCT DESCRIPTION

8. ARE PASSWORDS USED TO PROTECT DATA ACCESS?

☒ YES ☐ NO NUMBER OF PASSWORDS: 2

9. OTHER SECURITY: _____

10. RELATIONSHIP TO OTHER SYSTEMS/ACTIVITIES (CHECK SHARED ITEM):

SYSTEM NAME OR ACRONYM	USE FILES FOR INPUT	PROVIDE FILES FOR OTHER SYSTEM	COMMON DATA BASE	COMMON PROGRAM
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

11. ADDITIONAL RELATIONSHIPS: _____

12. NUMBER OF MODIFICATIONS EXPECTED DURING SYSTEM LIFE CYCLE:

☐ MANY (25 OR MORE) ☐ FEW (LESS THAN 25) ☐ NONE

13. LIFE EXPECTANCY OF SYSTEM (EXPECTED ADDITIONAL LIFE FROM PRESENT):

☐ LONG (9 YEARS OR MORE) ☐ MEDIUM (2 YEARS-8 YEARS)

☐ SHORT (LESS THAN 2 YEARS)

14. NUMBER OF USERS (PEOPLE):

☐ MOST (100 OR MORE) ☐ MANY (51-99) ☐ SOME (11-50)

☐ FEW (1-10)

15. MAINTENANCE METHOD:

☐ SUPPLIER (VENDOR) ☒ GOVERNMENT OR GOVERNMENT CONTRACTOR

16. INPUT/OUTPUT DEVICES REQUIRED BY SYSTEM/ACTIVITY - CHECK ALL APPLICABLE:

DISK	DRUM	7-TRACK MAG TAPE	9-TRACK MAG TAPE	KEYBOARD	CRT	LINE PRINTER	CARD READER	PUNCH	OCR	PLOTTER

17. RUN FREQUENCY - CHECK ALL APPLICABLE:

DAILY	WEEKLY	MONTHLY	SEMI-ANNUALLY	ANNUALLY	OTHER (SEE COMMENTS)

18. OPERATING MODE - INDICATE PERCENTAGE USAGE OF EACH MODE:

BATCH	INTERACTIVE PROCESSING	INTERACTIVE ON-LINE INQUIRY	ON-LINE DATA BASE UPDATE	REAL-TIME
%	%	%	%	%

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

19. USER PROFILE - SHOW PERCENTAGE OF USE BY EACH:

MISSION-ORIENTED USER	____%	EPA RESEARCH ANALYST	____%
PROGRAMMER	____%	DATA INPUT TECHNICIAN	____%
MANAGER	____%		

20. DATA BASE ACTIVITY LEVEL:

☐ HIGH MAINTENANCE LEVEL ☐ LOW MAINTENANCE LEVEL

☐ NO MAINTENANCE REQUIRED

21. IS THIS SYSTEM A CANDIDATE FOR 1980'S CONVERSION OR REPROGRAMMING?

☒ YES ☐ NO

WHICH WOULD YOU RECOMMEND?

☐ MINIMUM CONVERSION EFFORT ☐ TOTAL REDESIGN

22. IDENTIFY TERMINALS USED:

	NUMBER	LOCATION
RJE	____	_____
INTERACTIVE	____	_____
OTHER _____	____	_____
_____	____	_____
_____	____	_____

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM

PROGRAM SUMMARY DATA

1. ENTER NUMBER OF MODULES (PROGRAMS, PROCEDURES, ETC.) OF EACH INDICATED SIZE AND TYPE COMPRISING THIS SYSTEM OR ACTIVITY:

LINES OF SOURCE CODE	LANGUAGE								
	UNIVAC ECL PROCEDURES	IBM JCL PROCEDURES	FORTRAN & FORTRAN PLI	COBOL & COBOL PLI	ALPHA PROCEDURES	PL/1	IRS	BASIC	OTHER
0 - 200									
201 - 500									
501 - 2000									
OVER 2000									

2. PEAK MEMORY REQUIREMENT FOR THIS SYSTEM/ACTIVITY = _____ BYTES OF MEMORY.
DECIMAL

3. TYPICAL JOB RUN-TIME: _____ PEAK RUN-TIME: _____

4. INDICATE PERCENTAGE OF THIS SYSTEM/ACTIVITY CODE FULFILLING EACH OF THE INDICATED FUNCTIONS:

FUNCTION		PERCENTAGE
I/O ORIENTED PROGRAMS	DATA MANIPULATION	
	SORT/MERGE	
	REPORT GENERATION	
	PLOTTING	
	GRAPHICS	
COMPUTATION ORIENTED PROGRAMS	STATISTICAL	
	MATH MODELLING	
	PROBLEM SOLVING	
CONTROL ORIENTED PROGRAMS	INTERACTIVE	
	REAL-TIME	
OTHER		

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM
DATA BASE SUMMARY

1. FILE SUMMARY: ALL ENTRIES ARE NUMBER OF FILES EXCEPT "SIZE". PERMANENT FILES INCLUDE ALL FORMS OF FIXED, REMOVABLE, PRIVATE, SEMI-FIXED, PUBLIC, TAPE, ETC., PERMANENT FILES REQUIRED BY THIS SYSTEM. BACK-UP PERMANENT FILES ARE LISTED SEPARATELY. TEMPORARY SCRATCH FILES ARE REQUESTED PRIMARILY FOR RUN-TIME SIZE INFORMATION AND SECURITY/PRIVACY ANALYSIS.

			NUMBER OF FILES UNDER DATA BASE MANAGEMENT SYSTEMS							NUMBER OF FILES NOT UNDER FORMAL DATA BASE MANAGEMENT SYSTEM					NUMBER OF FILES ON EACH TYPE STORAGE MEDIA					
FILE DESCRIPTION / STORAGE TYPE	TOTAL NUMBER OF FILES	TOTAL SIZE (BYTES) (DECIMAL)	SYSTEM 2000	DMS 1100	IDMS	IMS	OTHER	OTHER	OTHER	RANDOM	SEQUENTIAL	INDEX SEQUENTIAL	OTHER	OTHER	TAPE	DISK (FIXED)	DISK (REMOVABLE)	DRUM	OTHER	OTHER
PERMANENT																				
TEMPORARY																				
SCRATCH																				
BACK-UP																				
OTHER																				
OTHER																				

2. FILE MANAGEMENT DESCRIPTION IF NOT UNDER FORMAL DATA BASE MANAGEMENT SYSTEM: _____

3. FILE NAMING CONVENTIONS - INDICATE SPECIAL SUFFIX/PREFIX OR OTHER CONVENTIONS. IF A SYSTEM IS COMPRISED OF ONLY A FEW FILES, PROVIDE FILE NAMES: _____

Note: Describe all "other" entries as keyed footnotes.

GENERAL SYSTEM/ACTIVITY CHARACTERIZATION FORM
SYSTEM TRAINING DATA

1. IS THERE A TRAINING RESPONSIBILITY (OR FUNCTION OR ACTIVITY) BUILT INTO THE SYSTEM?
   ☐ YES ☐ NO

   IF YES,

   A. WHO IS RESPONSIBLE FOR THIS TRAINING FUNCTION? _____

   B. IS THIS TRAINING TECHNICAL IN NATURE, SUCH AS JCL/ECL, RUNNING COMPUTER SYSTEMS, CODING, OR DATA ENTRY?
      ☐ YES ☐ NO

   C. IS THIS TRAINING ORIENTED TOWARDS USERS, MANAGERS, OR OTHER DIVISION PERSONNEL?
      ☐ YES ☐ NO

   D. DOES THIS TRAINING COVER

MANAGEMENT INFORMATION SYSTEMS (MIS)	☐ YES	☐ NO
PROJECT MANAGEMENT	☐ YES	☐ NO
SECURITY	☐ YES	☐ NO
OTHER (PLEASE SPECIFY)	☐ YES	☐ NO

   _____

   E. HOW MANY DOLLARS ANNUALLY DO YOU COMMIT TO TRAINING RELATED TO THIS SYSTEM? _____

2. HOW MANY EPA MANAGERS, USERS, AND TECHNICIANS ARE INVOLVED IN THIS SYSTEM? _____

3. HOW MANY CONTRACTOR PERSONNEL (INCLUDING MANAGERS, SYSTEM ANALYSTS, AND PROGRAMMERS, BUT EXCLUDING CLERICAL SUPPORT) ARE INVOLVED IN THIS SYSTEM? 0

Note: Describe all "other" entries as keyed footnotes.

SYSTEM DOCUMENTATION ASSESSMENT FORM

Instructions

The following form must be completed for each system for which your division has responsibility.

SYSTEM DOCUMENTATION ASSESSMENT FORM

PREPARED BY_____ DATE COMPLETED_____

TITLE_____ ORG. NAME & CODE_____

SYSTEM OR SUBSYSTEM_____ ACRONYM_____

THE FOLLOWING QUESTIONS CONCERN THE QUALITY AND CONTENT OF YOUR SYSTEMS DOCUMENTATION

	YES	NO	NO. PAGES
1. DOES THE DOCUMENTATION CONTAIN			
A. A FEASIBILITY STUDY IN A FORMAT AS DESCRIBED IN THE EPA ADP MANUAL?			
B. A JUSTIFICATION OF THIS SYSTEM IN TERMS OF PROGRAM MISSION OBJECTIVES THAT THIS SYSTEM SUPPORTS?			
C. A DETAILED SYSTEM DESCRIPTION? IF YES, THEN ANSWER THE FOLLOWING. DOES THIS DOCUMENT CONTAIN			
(1) NARRATED FLOWCHARTS, BLOCK DIAGRAMS, OR OTHER INFORMATION WHICH DESCRIBES THE LOGICAL STRUCTURE OF THIS SYSTEM?			
(2) A DESCRIPTION OF THE END USER REQUIREMENTS THAT ARE SATISFIED BY THIS SYSTEM?			
(3) BLOCK DIAGRAMS THAT ILLUSTRATE PROGRAM CALLING SEQUENCES, HOW PROGRAMS RELATE AND/OR FIT TOGETHER?			
(4) COMPLETE AND DETAILED DESCRIPTION OF ALL INPUTS AND OUTPUTS?			
(5) OPERATIONAL REQUIREMENTS OF THIS SYSTEM?			
2. DOES THIS SYSTEM HAVE A DOCUMENT DESCRIBING THE TEST PLAN? IF YES, DOES THIS DOCUMENT CONTAIN			
A. AN OVERALL TESTING PHILOSOPHY WHICH DESCRIBES			
(1) AN OVERALL TESTING PLAN?			
(2) ANY SPECIAL HARDWARE/SOFTWARE TOOLS NEEDED TO CONDUCT TEST?			
(3) METHODS FOR EVALUATING TEST RESULTS?			
(4) PERSONS AND/OR ORGANIZATIONS RESPONSIBLE FOR THE TESTING, EVALUATION, AND RELATED ACTIVITIES?			
(5) DETAILED TEST DATA REQUIREMENTS?			
B. DATA USED TO TEST SYSTEM?			
C. RESULTS OF SYSTEM TESTS?			

SYSTEM DOCUMENTATION ASSESSMENT FORM

	YES	NO	NO. PAGES
3. DOES THIS SYSTEM HAVE A USERS GUIDE? IF YES, DOES THIS USERS GUIDE CONTAIN			
A. IDENTIFICATION OF THOSE ORGANIZATIONS/INDIVIDUALS FOR WHOM THIS SYSTEM/PROGRAM IS INTENDED?			
B. PROCEDURES THAT MUST BE FOLLOWED IN ORDER TO USE THE SYSTEM, SUCH AS LOG-ON PROCEDURES, CONTROL CARD FORMATS, ETC.?			
C. DETAILED ERROR AND RECOVERY PROCEDURES?			
D. DETAILED DESCRIPTION OF ALL INPUTS/OUTPUTS?			
4. IS SOURCE CODE FOR THIS SYSTEM AVAILABLE? IF YES, THEN ANSWER THE FOLLOWING?			
A. IS THE SOURCE CODE WELL DOCUMENTED?			
B. DOES SYSTEM HAVE ANY UNDOCUMENTED CHANGES?			

C. INDICATE ORGANIZATION OF SOURCE CODE

☐ NON-STANDARD ☐ STANDARD ☐ READ ONLY

D. IN WHAT FORM DOES SOURCE CODE EXIST:

☐ DISK ☐ TAPE ☐ CARDS ☐ PRINTOUT ☐ MICROFICHE

SYSTEM EVALUATION FORM

Instructions

This form will provide a technical evaluation of each data processing system for which your division is responsible. It is an important element of an appraisal currently being made of the overall technical condition of ADP systems in use at the EPA.

Each form evaluates one system and should be filled in by the programmer or programmer/analyst responsible for or most familiar with the technical capabilities of the system.

Block 1. IDENTIFICATION

Enter the name of the system being evaluated and the system ID.

Block 2. SYSTEM SCOPE

In Item 1, indicate how many divisions are presently using the system. In Item 2, indicate how many other divisions could use the system with minor or no modifications. In Item 3, indicate whether this system updates and/or accesses a data base which is shared by other systems.

The remainder of the form is devoted to an evaluation of the technical characteristics of the system. A number of categories are specified on the form. Rate the system in each category by checking the appropriate box on the right. Each of the categories will be weighted to reflect its relative importance before the results are compiled.

Block 3. DESIGN

Evaluate the overall design quality of the system in each of the categories described below:

1. System modularity and logical processing flow: Is the system of sound design; is it built in a modular, straightforward architecture; is the flow of control easy to understand and follow; were structured programming techniques used if appropriate?

2. System functionally consistent with user requirements: Does the system provide functions appropriate to the user's functions and requirements; does it provide all required functions without providing extraneous, unneeded capabilities?

3. Appropriateness of logical file/data base structure: Are data files laid out well; is all data available and easy to access; are data interrelationships logically and correctly defined; is there sufficient room for expansion of file space and addition of data item types?

4. Efficiency of data storage and access techniques: Are the file types and access techniques appropriate for the application; is data rapidly accessible when appropriate; is data access and update efficient within the context of normal processing done by the system?

5. Quality of controls and data validation: Are input data edits thorough and well-designed; are program-to-program controls and data file controls reliable; are system totals carried forward properly, such as from daily to weekly cycles or from one application system to another; is the system stable; is restart and recovery simple and reliable?

6. Efficiency of JCL/ECL design: Is the Job Control Language or Executive Control Language structured in a simple, straightforward way?

7. Utilization of hardware/software: Is the system coded efficiently; is program segmentation and overlay activity efficient; is memory resident data appropriately structured and used; in on-line systems, are transactions processed efficiently; is I/O activity kept within efficient bounds?

8. Ability of system to be integrated with or interfaced to other systems: Can new external interfaces be made easily; can outputs of this system be utilized by other systems; does this system fit well into the context of other related systems; does data flow efficiently from this system into other systems?

9. Appropriateness of design for meeting user deadlines: Does system, as designed, allow users to meet their deadlines?

10. Efficiency of data entry provisions: Are input forms easy to follow and read; are card layouts well designed; can system be easily adapted to key-to-disk entry techniques if appropriate?

11. Adequacy of security features: Are security provisions designed into the system appropriately. Given the nature of the system and sensitivity of the data, are measures effective without being cumbersome or excessive?

12. Adherence to standards: Are the programs of this system written in conformance with division standards; does documentation follow standards; are data naming, I/0 layout, JCL/ECL and other appropriate standards and conventions followed?

13. Comments: Comments or elaborations regarding quality of systems design can be entered here. Use back of questionnaire as needed.

Block 4. MAINTAINABILITY

Evaluate the ease of maintenance of the system in each of the categories described below:

1. Quality of documentation: Is documentation available, up-to-date, and easy to follow; does documentation lead quickly to the areas requiring maintenance; is the documentation easily updatable when program modifications are made?

2. Ability to trace problem through system logic, to fully test changes, and to completely predict impact of changes (including impact on other systems): Are changes made in one area of code unlikely to cause changes to have to be made in other areas; can the impact on other areas be easily analyzed; can all areas of code requiring modification to effect a change be easily identified; can changes be tested in a straightforward way under a variety of typical and abnormal processing circumstances; does system remain stable after a series of modifications?

3. Maintainability of language used: Is the source code language easy to modify; is it one of the languages currently in wide use by the EPA; are language features used which enhance maintainability, such as descriptive data names and comments embedded in the source code? Is this is a problem area? Identify program language under "COMMENTS".

4. Availability of test data (transactions & files): Is a test data base available and of high quality; are test transactions available and do they test a wide range of normal and abnormal processing conditions?

5. System complexity: Subjective assessment based on interface requirements, number, and type of languages used in the system, computational techniques, hardware requirements, etc.

6. Comments: Any comments regarding maintainability of the application can be entered here. Use back of the questionnaire as needed.

Block 5. OPERABILITY

Evaluate the ease of operation and use of the system in each of the categories described below. Operations personnel should participate in this part of the evaluation.

1. Ease of operation: Does system require a minimum of interaction by operators; are operator actions, in event of abnormal operating situations, well-documented and easily handled; are magnetic tape mounts and dismounts kept to a minimum; is system able to detect operator error; is forms printing well handled?

2. Outages and reruns: Are system outages and need for reruns infrequently encountered; are program abnormal terminations, logical failures, and data failures not a problem; are hardware or operating system failures seldom encountered? Comment below if problems in this area are due consistently to a single cause.

3. Problem investigations: Is need to investigate program or data problems infrequently encountered?

4. Technical currency of system: Does system fit well into current operating environment; does it make use of currently available hardware and operating system features?

5. Comments: Any comments on system operability would be helpful. Use back of questionnaire as needed.

SYSTEM EVALUATION FORM

PREPARED BY _____ DATE COMPLETED _____

TITLE _____ ORG. NAME & CODE _____

1. IDENTIFICATION

1) SYSTEM NAME _____

2) SYSTEM ID: _____ (COL. 2-11)

2. SYSTEM SCOPE

1) HOW MANY DIVISIONS CURRENTLY USE THIS SYSTEM? _____ (COL. 21-22)

2) HOW MANY DIVISIONS COULD USE THIS SYSTEM? _____ (COL. 23-24)

3) DOES THIS SYSTEM UTILIZE A MULTISYSTEM DATA BASE? ☐YES ☐NO (COL. 25)

3. DESIGN

	EVALUATION EXCEL. 5	4	3	2	POOR 1	
1) SYSTEM MODULARITY AND LOGICAL PROCESSING FLOW						(COL. 26)
2) SYSTEM FUNCTIONALLY CONSISTENT WITH USER REQUIREMENTS						(COL. 27)
3) APPROPRIATENESS OF LOGICAL FILE/DATA BASE STRUCTURE						(COL. 28)
4) EFFICIENCY OF DATA STORAGE AND ACCESS TECHNIQUES						(COL. 29)
5) QUALITY OF CONTROLS AND DATA VALIDATION						(COL. 30)
6) EFFICIENCY OF JCL/ECL DESIGN						(COL. 31)
7) UTILIZATION OF HARDWARE/SOFTWARE						(COL. 32)
8) ABILITY OF SYSTEM TO BE INTEGRATED WITH OR INTERFACED TO OTHER SYSTEMS						(COL. 33)
9) APPROPRIATENESS OF DESIGN FOR MEETING USER DEADLINES						(COL. 34)
10) EFFICIENCY OF DATA ENTRY PROVISIONS						(COL. 35)
11) ADEQUACY OF SECURITY FEATURES						(COL. 36)
12) ADHERENCE TO STANDARDS						(COL. 37)

13) COMMENTS: _____

SYSTEM EVALUATION FORM

4. MAINTAINABILITY

EVALUATION

	EXCEL. 5	4	3	2	POOR 1	
1) QUALITY OF DOCUMENTATION						(COL.41)
2) ABILITY TO TRACE PROBLEM THROUGH SYSTEM LOGIC, TO FULLY TEST CHANGES, AND TO COMPLETELY PREDICT IMPACT OF CHANGES						(COL.42)
3) MAINTAINABILITY OF LANGUAGE USED						(COL.43)
4) AVAILABILITY OF TEST DATA (TRANSACTIONS & FILES)						(COL.44)

5) SYSTEM COMPLEXITY: ☐HIGH ☐MEDIUM ☐LOW

6) COMMENTS: _____

5. OPERABILITY

EVALUATION

	EXCEL. 5	4	3	2	POOR 1	
1) EASE OF OPERATION						(COL.51)

	INFREQUENT 5	4	3	2	FREQUENT 1	
2) OUTAGES AND RERUNS						(COL.52)
3) PROBLEM INVESTIGATIONS						(COL.53)

	EXCEL. 5	4	3	2	POOR 1	
4) TECHNICAL CURRENCY OF SYSTEM						(COL.54)

5) COMMENTS: _____

RESPONDENT IDENTIFICATION AND ADDRESS: _____

SECURITY/PRIVACY/FREEDOM-OF-INFORMATION FORM

Instructions

Please complete one set of these forms for each system for which your division has responsibility.

SECURITY/PRIVACY/FREEDOM-OF-INFORMATION FORM

PREPARED BY_____ DATE COMPLETED_____

TITLE_____ ORG. NAME & CODE_____

SYSTEM NAME_____

1. DOES A PLAN EXIST FOR RESPONDING TO FREEDOM OF INFORMATION REQUESTS (FOIR)?

   ☐YES ☐NO

   IF YES, PLEASE ATTACH A COPY OF THE PLAN.

   IF NO, COMMENT AS TO HOW A FOIR WILL BE HANDLED: _____

2. THE PRIVACY ACT OF 1974 ESTABLISHED REQUIREMENTS FOR PROTECTION OF INFORMATION WHICH CONTAINS PERSONAL AND/OR PERSONALLY IDENTIFIABLE DATA. HAS A DETERMINATION BEEN MADE AS TO WHETHER THIS SYSTEM HAS ANY DATA PROTECTED BY THE PRIVACY ACT?

   ☐YES ☐NO

   IF YES, PLEASE ATTACH THE FINDINGS.

   IF NO, DOES THE SYSTEM CONTAIN DATA WHICH CAN BE RELATED TO AN INDIVIDUAL?

   ☐YES ☐NO

   IF YES, DOES THIS DATA INCLUDE:

   ☐NAME ☐BUSINESS ADDRESS ☐FINANCIAL DATA
   ☐HOME ADDRESS ☐SOCIAL SECURITY NUMBER ☐HEALTH DATA
   ☐OTHER

   BRIEFLY DESCRIBE THIS DATA: _____

3. OMB CIRCULAR A-71 (SECURITY OF FEDERAL AUTOMATED INFORMATION SYSTEMS) CLOSELY RELATES THE RESPONSIBILITY OF THE FEDERAL MANAGER TO PROTECT THE GOVERNMENTAL DATA RESOURCES. HAS AN EVALUATION OF SECURITY REQUIREMENTS FOR THIS SYSTEM BEEN MADE?

☐YES ☐NO

IF YES, PLEASE ATTACH.

IF NO, ANSWER THE FOLLOWING:

A. DOES THE SYSTEM CONTAIN DATA THROUGH WHICH AN INDIVIDUAL COULD OBTAIN A PERSONAL GAIN? FOR EXAMPLE, PAYROLL DATA MUST BE PROTECTED AGAINST UN-AUTHORIZED ENTRIES WHICH AFFECT RATE OF PAY.

☐YES ☐NO

IF YES, BRIEFLY DESCRIBE: _____

_____

_____

_____

B. DOES THE SYSTEM CONTAIN EPA DATA WHICH MUST BE PROTECTED AGAINST IMPROPER RELEASE? AN EXAMPLE WOULD BE DATA ABOUT CONTRACTS WHICH ARE BEING NEGOTIATED.

☐YES ☐NO

IF YES, BRIEFLY DESCRIBE: _____

_____

_____

_____

C. DOES THE SYSTEM CONTAIN DATA WHICH HAS BEEN CLASSIFIED AS CONFIDENTIAL BUSINESS INFORMATION?

☐YES ☐NO

IF YES, DESCRIBE THE INFORMATION: _____

_____

_____

_____

D. DO CURRENT PROCEDURES EXIST TO PROTECT THE DATA FROM UNAUTHORIZED ACCESS?

☐YES ☐NO

IF YES, BRIEFLY DESCRIBE: _____

_____

_____

4. OMB CIRCULAR A-71 (SECURITY OF FEDERAL AUTOMATED INFORMATION SYSTEMS) ALSO PLACES THE RESPONSIBILITY FOR PROTECTING AGAINST INTERRUPTION OF SERVICES.

A. DOES A BACKUP EXIST FOR THE CURRENT FILES OF THE SYSTEM?

☐YES ☐NO

IF YES, HOW MANY? _____.

ARE THE BACKUPS IN THE SAME

DATA CENTER	☐YES	☐NO
BUILDING	☐YES	☐NO
CITY	☐YES	☐NO
STATE	☐YES	☐NO

WHAT MEDIA IS USED TO KEEP THE BACKUPS?

☐TAPE ☐CARD ☐DISK ☐OTHER_____

B. THE POSSIBILITY EXISTS THAT AN EPA DATA CENTER COULD BE UNAVAILABLE FOR EXTENDED PERIODS. PLEASE EVALUATE THE IMPACT UPON THE AGENCY IF THIS SYSTEM WERE REMOVED FOR THE FOLLOWING PERIODS:

TIME PERIOD	IMPACT			COMMENTS REGARDING IMPACT
	LOW	MEDIUM	HIGH	
1/2 DAY				
1 DAY				
3 DAYS				
1 WEEK				
1 MONTH				
2 MONTHS				

MINICOMPUTER USAGE FORM

Instructions

1. Complete one form for each minicomputer which your division uses.

2. The functions (Question 3) should include all uses your division makes of the mini: update of national data bases, management activities, initial program development, algorithm verification, etc.

3. The mini configuration (Question 6) should show all major components and capacities of the system: e.g., memory size, number and capacity of disks and tapes, terminals, telecommunication equipment and line rates, etc.

MINICOMPUTER USAGE FORM

PREPARED BY_____ DATE COMPLETED_____

TITLE_____ ORG. NAME & CODE_____

NAME & PHONE NUMBER FOR ADDITIONAL INFORMATION_____

1. MINICOMPUTER NAME (VENDOR'S ID) DIGITAL PDP 11/70

2. PHYSICAL LOCATION CHICAGO EPA REGION V

3. FUNCTIONS PERFORMED & INTERFACES WITH NCC/WCC SYSTEMS (AT A MINIMUM, ASSOCIATE FUNCTIONS WHERE APPROPRIATE WITH USE OF NCC/WCC DATA BASES. INDICATE WHEN DATA ARE TRANSMITTED TO MINI, PROCESSED, AND RETURNED):

(CONTINUE ON BACK OF FORM)

4. OPERATING SYSTEM & MAJOR SUPPORT SOFTWARE (SUPPORT SOFTWARE SHOULD INCLUDE DATA MANAGEMENT SYSTEMS, COMPILERS, ASSEMBLERS, ETC.):

STANDARD PDP SOFTWARE

5. NUMBER OF EPA-PRODUCED PROGRAMS USED ON THIS MINI: _____

TOTAL LINES OF SOURCE CODE IN PROGRAMS: _____

6. EQUIPMENT CONFIGURATION (USE BACK OF FORM):

NUMBER OF DISK DRIVES 2

NUMBER OF TAPE DRIVES 1

CORE SIZE (BYTES) 176 MIL DECIMAL

EPA ADP

SYSTEMS/ACTIVITIES LIST

AND

SYSTEM/ACTIVITY DESCRIPTION

EPA/ADP

SYSTEMS/ACTIVITIES LIST & SYSTEM ACTIVITY DESCRIPTION

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Introduction

This set of reference material is provided to aid in preparing forms for the EPA/ADP Survey. The systems have been grouped by responsible organization: OPM, OE, OWHM, OAWM, OTS, ORD, and Region. The final section is a list and description of functional activities that may be applicable to any organization. The systems names and descriptions have been compiled from many sources: the 1976 Environmental Systems Directory; Informatics, Inc.; Index Systems, Inc., Surveys and Studies; accounting data from monthly billing records; and personal interviews with EPA personnel. The lists of systems presented herein have not been rigorously verified as representing the current EPA set; that is, the purpose of this EPA/ADP Survey. The lists do, however, represent the best that could be reasonably compiled as reference data prior to the survey.

OPM - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
✓ LINFO	Library and Information Services
FORM	Forms and Publications
GICS	Grants Information and Control System
CIS	Contracts Information System
PMIS	Personnel Management Information System
RMIS	Resource Management System
PPS	Personal Property System
TSSMS	Time-Sharing Services Management System
FRS	Formal Reporting System
FMS	Financial Management System
✓ LIB	Library System
FFF	Federal Facility Budgetary System
----	Form 67 Retrieval System
SRIS	Standards and Regulation Information System
GASS	General Administration System Support
----	Name and Address Systems and Catalog and Inventory System
----	Management Information Branch
----	Milestone Reporting System
----	Zero Based Budgeting System
----	Authority Dollar Input System
----	Automated Audit Tracking and Control System
----	Scientific Applications Software Study
----	Socioeconomic Impact Study/San Diego

OPM - System/Activity Description

- Library and Information Services (LINFO): Provides support for indexing, cataloging, and tracking of EPA library holdings at RTP.

- Forms and Publications (FORM): Provides capacity to maintain and update forms, publications, and name/address file and provides access lists and labels in support of RTP operations.

- Grants Information and Control System (GICS): Provides a comprehensive data base and reporting capability used to track the status of more than thirty thousand actual or proposed grants.

- Contracts Information System (CIS): Provides identification of all pending procurement actions and their status, plus all relevant contract information from award to completion.

- Personnel Management Information System (PMIS): Provides personnel data and capabilities to analyze and report on this data in support of management activities and related operations such as training and EEO reporting. The payroll portion is provided by the Department of Interior and will remain so. The utilization at the Department of Interior Payroll System (DIPS) is not included in any EPA workload projections.

- Resource Management Information System (RMIS): Assists in the development of the Agency budget and operating plans and in the administrative control of funds.

- Personal Property System (PPS): Provides inventory control and accountability for property under the control of EPA as required by the Federal Property and Administrative Services Act.

- Time-Sharing Services Management System (TSSMS): Provides a cost accounting system that tracks computer charges against user accounts and generates reports for the user community and ADP managers.

- Formal Reporting System (FRS): Provides a framework within which data pertinent to major EPA and State plans/programs are consolidated into a unified reporting scheme and made available to Agency management.

- Financial Management System (FMS): Supports the financial information needs of the Agency. The system allows the manager to monitor commitments against authorized obligations and provides the external reports required by other agencies and Congress.

- Library System (LIB): Provides the 28 EPA Libraries with a management and retrieval system for their book, journal, and reports collections.

- Federal Facility Budgetary System (FFF): Provides the data which is used in assessing the budgetary requests for pollution abatement projects being constructed by Federal agencies. This system permits easy retrieval of pollution data from the Federal Power Commission automated file on power plant operations.

- Standards & Regulations Information System (SRIS): Tracks the preparation and review processes for all proposed pollution abatement standards, regulations, and guidelines being developed by EPA under authority of EPA Order 1000.6.

- General Administrative Support System (GASS): Provides local divisions with information for management activities.

OE - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
FDBS	Fuels Data Base System
PCS	Permit Compliance System
CDS	Compliance Data System
PEMS	Pesticides Enforcement Management System
EMDB	Emissions Data Base
ERSS	Establishment Registration Support System
NEDB	Noise Enforcement Data Base
IDBS	Imports Data Base System

OE - System/Activity Description

- Fuels Data Base System (FDBS): A range of capabilities including data storage, analysis, and tracking related to violations of nonleaded fuel requirements by gasoline stations and/or suppliers.

- Permit Compliance System (PCS): Provides an automated data base containing inventory information of over 60,000 water permit applications; used for planning and evaluating the National Pollution Discharge Elimination System (NPDES) and responding to requests for information.

- Compliance Data System (CDS): Provides tracking capability on facilities subject to air pollution regulations, the status of compliance of these facilities with regulations, and the status of required corrective actions.

- Pesticides Enforcement Management System (PEMS): Contains data on samples collected from market-place surveillance, establishment inspections, imports and misuse investigations. Weekly, monthly, and quarterly reports are produced.

- Emissions Data Base (EMDB): Provides a data base for retention and retrieval of emissions data on approximately 3/4 million vehicles, and the capability to analyze the data using a range of statistical techniques.

- Establishment Registration Support System (ERSS): Supports the pesticides registration process by maintaining a nationwide file identifying all pesticide-producing establishments, the products produced at each establishment, and production/-distribution histories and estimates.

- Noise Enforcement Data Base (NEDB): Supports retention of data used to identify, analyze, and track violators of noise regulations and the capability to analyze noise pollution data using mathematical/statistical technology.

- Imports Data Base System (IDBS): Provides a data base of information on all automobiles passing through U.S. Customs and a capability to search this data and identify all vehicles not in compliance with the provisions of the Clean Air Act.

OWHM - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
STORET	Storage and Retrieval System for Water Quality Data
NEEDS	Survey of Needs for Municipal Wastewater Treatment
RCG	Regional Construction Grants
IP	Industry Profiles
INVWAS	Existing Water Supply
SWIRS	Solid Waste Information System
O&M	Operation and Maintenance
SPCC	Spill Prevention, Control and Countermeasure
FRDS	Federal Reporting Data System for Safe Drinking Water
TADS	Technical Assistance Data System
----	Underground Injection Control
----	Office of Water Supply Software
----	Water Program Operations
----	Interstate Carrier and Primary Data

OWHM - System/Activity Description

- Storage and Retrieval System for Water Quality Data (STORET): Provides a national data bank of information on water quality in the United States.

- Survey of needs for Municipal Waste Water Treatment Facilities (NEEDS): Provides a repository and reporting capability covering technical and cost data for public-owned treatment works; produces cost estimates used as a basis for allocating construction grant funds.

- Regional Construction Grants (RCG): Provides a system for the management and administrative control of the waste water treatment construction grants program; outputs include recurring management reports, responses to ad hoc requests and forecasts of fiscal outlays.

- Industry Profiles (IP): Serves to locate and describe toxics related industry and trends.

- Existing Water Supply (INVWAS): Provides an inventory record of community and noncommunity public water supplies used throughout the United States.

- Solid Waste Information System (SWIRS): A bibliographic system which provides access to international literature related to solid waste information. It provides references to the latest developments in the field for disseminating technological information.

- Operations and Maintenance (O&M): Serves as a repository for information collected annually on the efficiency of operation and maintenance of treatment works constructed under Federal Grants; used to provide regularly scheduled and ad hoc reports for program management.

- Spill Prevention, Control and Countermeasure (SPCC): Used to monitor and report on compliance deadlines and actions to be taken for the prevention of spills from oil storage facilities and to track spills which have occurred.

- Federal Reporting Data Systems for Safe Drinking Water (FRDS): System in development. Will provide an inventory of the public water system in the United States and its quality.

- Technical Assistance Data System (TADS): The purpose of TADS is to reduce the effects of oil and hazardous materials spills by providing on-line access to information on material characteristics and emergency response procedures. Field emergency teams can access information directly through terminals or by telephoning someone with a terminal.

- Underground Injection Control: An activity developed by EPA-HQ. The programs are provided to Regions/States to assist them in meeting PL 93-523 mandated requirements.

- Water Enforcement Regional Systems: Basic facility ID and permit development tracing functions, compliance tracking and enforcement action tracking, automated screening of DMR's, building efficient data base of limits and reported values.

OAWM - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
SAROAD	Storage and Retrieval of Aerometric Data
NEDS	National Emission Data System
EDS	Energy Data System
AEROS	Aerometric and Emission Reporting System
TR	Trends Report
APTIC	Air Pollution Technical Information Center
IPP	Air Quality Implementation Planning Program
PRMS	Plan Review Management System
NOISE	Noise Analysis Service
----	Analysis Service of Radiation Scientist
AQED	Air Quality and Emission Data Analysis
----	Statistical Analysis of Technical Data
----	Power Plant Modeling System
----	Air Quality Information Service
----	HATREMS Development
----	Mobile Source Emissions Factor Computer Program
----	Standard Region Activities Levels

- Storage and Retrieval of Aerometric Data (SAROAD): Air quality sample data in the nation are received from the states and stored for analysis in determining progress in achieving and maintaining air quality standards. Annual trend reports and special studies are supported by the SAROAD data base.

- National Emissions Data System (NEDS): A national data base on emissions from major sources of air pollution, used for evaluation of proposed emission standards and control strategies. A national emissions inventory report is prepared from these data.

- Energy Data System (EDS): Provides a national overview of the impact on the air environment of the National Energy Program and an assessment of regional variations in emissions.

- Aerometric and Emission Reporting System (AEROS): Resulted from the evolutionary development of NEDS and SAROAD. It is a management information system for EPA's air pollution research and control programs.

- Trends Report (TR): Enables determination of regional and national ambient air quality trends and significance of trends in terms of national control policies.

- Air Pollution Technical Information Center (APTIC): This bibliogrphic system collects and rapidly disseminates the growing body of air quality technical information. Computer searching of relevant articles assists air pollution agencies and other public or private organizations.

- Air Quality Implementation Planning Program (IPP): The air quality Implementation Planning Program is a model for preparing air pollution implementation plans for sulphur oxides and particulates.

- Plan Review Management System (PRMS): The PRMS Assists in the analysis of the need for review of State Implementation Plans. Also aids in the determination of possible nonattainment of the National Ambient Air Quality Standards by particular Air Quality Control Regions.

- Noise Analysis Service (NOISE): The Noise File provides technical literature abstracts to Government agencies, private firms, and the general public. It is used by EPA in the development of standards and regulations and is available to the States and Regions as well.

- Radiation Scientific Statistical System: Determination of generation characteristics and histories of ionizing and non-ionizing radiation; determination of exposure and risks.

OTS - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
PPIS	Pesticides Product Information System
COMP	Company Data System
EMS	Ecological Monitoring System
PARCS	Pesticides Analysis Retrieval and Control System
MM	Math Modeling
----	Chemical Substructures Biological Activity Model

OTS - System/Activity Description

- Pesticides Product Information System (PPIS): Supports the requirement for registration and classification of all pesticides produced and used; system is used to control the registration of pesticides, study the efficacy of the pesticide program, produce analytical reports, and support compliance and cancellation activities. NOTE: New systems for OTS are under development.

- Company Data System (COMP): An automated data catalog list utilized to identify, search, and locate hardcopy information collected on pesticides product testing; estimate of requests in FY'78 is for over 60,000 documents.

- Ecological Monitoring Systems (EMS): A series of data base systems which contain monitoring data collected on the effect of pesticdes use on man and environmental media such as soils, air, water, oceans, and estuaries.

- Office of Pesticide Programs (OPP): Responsible for registration of all pesticides used in the nation. PARCS provides a centralized source of information on all of these registered pesticides. Data in the system are used for registration analysis, research, and reporting.

- Math Modeling (MM): Monitoring and determination of the effects of injection of toxic substances into the environment.

ORD - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
RAPS	Regional Air Pollution Study
CHESS	Community Health & Environmental Surveillance System
NCPSS	Non-Criteria Pollutant and Special Study
MORT	Mortality Studies
FPEIS	Fine Particle Emissions Information System
PARTICLE	Particle Characterization
AQSM	Air Quality Simulation Model
AERSOL	Aerosol Sampling and Analysis
WSS	Water Supply Simulation
STATE	Sulfate Transport and Transformation in the Environment
EADS	Environmental Assessment Data Base
EPID	New Epidemiological Studies
CRD	Chronic Respiratory Diseases
PSS	Population Studies System
MIS	Management Information System
----	General ADP
----	Special Studies
----	Statistical Support
----	Physical Studies
----	Aerometric Studies
----	Experimental Biology
----	Quality Assurance
----	Pesticide Toxic
----	Air Quality Monitor
TECH	Technology Assessment

GLWQM	Great Lakes Water Quality Models
WWTDB	Waste Water Treatment Data Base
BPM	Basin Planning Model
EVAL	Evaluation Model
LDMS	Laboratory Data Management System
NES	National Eutrophication Study
SSM	State of the System Model
SEAS	Strategic Environmental Assessment
PMFWE	Prediction Model for Fresh Water Ecosystem
LAMS	Lake Analysis Management System
----	Administration
----	Biostoret
PUBLIC	Public Affairs Mailing List

- Regional Air Pollution Study (RAPS): A research program to validate, develop and improve air pollution simulation models through data collected by a ground-based network supported by air measurements in the St. Louis, Missouri, Air Quality Control Region.

- Community Health & Environmental Surveillance System (CHESS): Processes large volumes of data collected under the Community Health & Environmental Surveillance Studies and provides statistical analyses of this data for the purpose of evaluating existing environmental standards, obtaining health intelligence for new standards, and documenting the benefits of air pollution control.

- Non-Criteria Pollutant and Special Study (NCPSS): Provides acquisition, management, analysis, and data reporting from noncriteria pollutant networks and special monitoring projects.

- Mortality Studies (MORT): Provides a definition of mortality models as a function of meteorological and pollutant variables. The models allow prediction of mortality associated with increased pollution levels.

- Fine Particle Emissions Information System (FPEIS): This is an automated emission inventory system which contains information on particle size distribution and their chemical and physical properties.

- Particle Characterization (PARTICLE): Provides acquisition, analysis, and modeling of aerosol data and particle characterization.

- Air Quality Simulation Model (AQSM): Provides rapid response on applications of air quality models to EPA Headquarters, regions, and laboratories; and provides an analysis of air quality data.

- Aerosol Sampling and Analysis (AEROSOL): Provides "fine" analysis of data from aerosol samples in connection with x-ray fluorescence, for particle sizing, and for instrument evaluation.

- Water Supply Simulation (WSS): Provides determination of the cost of water supply, economic effects of cancer and other diseases affected by drinking water compared to cost and benefits of new techniques in water purification, and simulation of cost of water supply distribution in specific areas; measures demand of use; and evaluates cost.

- Sulfate Transport and Transformation in the Environment (STATE): Provides regional coverage for specific periods of time, using mobile trailers for support of sample collection and performs heavy analysis of data collected. This system will replace RAPS in 1980.

- Environmental Assessment Data Base (EADS): This is a developing system which will consist of a large data base and software modules for providing efficient handling of environmental assessment data needed by IERL's assessment projects.

- New Epidemiological Studies (EPID): This activity provides data processing/analysis of data collected for epidemiological studies for evaluation of existing standards, for obtaining health intelligence for new standards, and for documentation of health benefits of air pollution controls.

- Chronic Respiratory Diseases (CRD): This activity analyzes data collected by the Health Effects Research Laboratory.

- Population Studies System (PSS): Produces statistical type data for evaluating the effects of specific air pollutants on human health.

- Management Information System (MIS): This activity contains all computer support for regional administrators, as well as use of national administrative systems such as TSSMS and PPS.

- General ADP: General data processing and program support.

- Special Studies: Data processing support for special studies undertaken to support health effects research.

- Statistical Support: Provides statistical analysis support for the health research studies through the use of existing statistical software and the development of new software.

- Physical Studies: This system is used to validate data from the laboratory mini-system, create a valid data base, and produce summary trend and statistical reports.

- Aerometric Studies: Storage and retrieval of aerometric data in support of health research studies.

- Experimental Biology: To provide data management and statistical analysis for data collected by various research scientists in the Experimental Biology Laboratory.

- Quality Assurance: The performance evaluation system is a minor image of NPDES (National Pollution Discharge Elimination System) comparison of results from laboratories vs. known samples.

- Pesticide Toxic: ADP is used to analyze data collected to assess levels of pesticidal residues in selected components of the environment.

- Air Quality Monitor: Supports the ground monitoring and airborne sensing of air information.

- Technology Assessment (TECH): This system is a series of models used to forecast the impact of environmental requirements on economic, sociological, and energy/environmental conditions. It supports technology assessments and special reports, such as the one for the Council on Environment Quality (CEQ) on the cost of clean air.

- Great Lakes Water Quality Models (GLWQM): Provides mathematical simulation of physical, chemical, and biological processes in the Great Lakes. Activities include the simulation of water circulation, production of phytoplankton biomass, fate and transport of hazardous materials, and sediment transport and resuspension.

- Waste Water Treatment Data Base (WWTDB): A developmental system building a data base on waste water treatment plants; data includes operation cost data, performance data, as well as data on insufficient performance cause.

- Basin Planning Models (BPM): Provides basin-wide pollution analysis methodologies. Models include a hydrologic unit management module, a socioeconomic impact module, a specific pollutant module, and basin planning and area-wide planning modules.

- Evaluation Model (EVAL): Provides the methodology for evaluating potential environmental problems from point and nonpoint sources.

- Laboratory Data Management System (LDMS): Utilizes large-scale, time-shared computers to assist Regional and enforcement laboratories in storing, editing, manipulating, and analyzing data generated from chemical and physical analyses performed by EPA laboratories.

- National Eutrophication Study (NES): The objective is to study the aging and enrichment process in 800 selected lakes in 48 states.

- State of the System Model (SSM): A model which analyzes different alternative approaches for matching the growth desires of a populated area with the limitations of the environmental and man-made resources.

- Strategic Environmental Assessment (SEAS): A large computer model designed to forecast the impact of environmental quality requirements on economic, sociological, energy demand, and ecological conditions. The other economic and demographic variations on pollutant residual levels also is projected by the material used to study possible consequences of alternative environmental policies, energy related socioeconomic trends over a 10-15 year time span.

- Predictive Models for Fresh Water Ecosystems (PMFWE): Will predict the degradation and movement of specific pollutants in aquatic ecosystems.

- Lake Analysis Management System (LAMS): Interface to STORET, gathers data, edits, performs quality control.

- Administration: Includes various administrative systems in support of laboratory activities, including commitment register tracking, position management, and mailing labels.

- Biostoret: Biostoret was conceived as a support system for the input side of biological systems.

- Public Affairs Mailing List (PUBLIC): Provides a backup mailing list containing data on about 30,000 addresses which receive news releases and other public information.

Regional - Systems/Activities List

ACRONYM	SYSTEM OR ACTIVITY
----	Air Quality Analysis (I)
----	Water System Analysis (I)
AQDS	Air Quality Data System (I)
----	State Water Supplies (II)
GTS	Grant Tracking System (III)
----	Civil Rights System (V)
----	Waste Water Treatment Data Base (V)
----	Regional Solid Waste Inventory System (X)
----	Water Quality Modeling (X)
----	Regional Management Systems (X)
----	Model State Information System (X)

Regional - System/Activity Description

- Air Quality Analysis: The analyses provide technical information in support of the air programs.

- Water System Analysis: This provides the in-house modeling and analyses by EPA for NPDES permits, environmental assessment, water quality planning, 208 planning and regional water quality assessment.

- Air Quality Data System (AQDS): Serves as interim substitute for SAROAD during extended NCC/SAROAD instability.

- State Water Supplies: Maintenance of inventory of community and non-community water supplies.

- Grants Tracking System (GTS): Regional data system designed to provide management level and detailed information on a grant application prior to its award. Contains detailed information not found in GICS.

- Civil Rights System: Civil Rights System maintains current EEO data regarding 4,000 employees.

- Waste Water Treatment Data Base: Building data base on waste water treatment plant data.

- Regional Solid Waste Inventory System: An inventory of disposal sites is maintained with descriptive information.

- Water Quality Modeling: Water quality simulation.

Functional ADP Activities for All Organizations

- High Order Language (HOL) Program Development and Maintenance: This activity primarily represents execution of language processors such as compilers, precompilers, and assemblers. It may also include compiling and/or assembling selected subroutines for the Collector at NCC or the Link Editor at WCC.

- Language Processor Development and Maintenance: This activity includes the development, test, and evaluation of precompilers and HOL processors. Test and evaluation of vendor provided language processors may be described under this activity.

- Procedure Development and Maintenance: This activity entails the development and maintenance of predetermined "runstreams" by exercising vendor supplied software to decrease the interaction of the user and machine.

- Operating System Modifications, Enhancements, and Evaluation: This activity includes all types of operating system processing that is not done with dedicated machine time and is charged back to some organization by the accounting system.

- Utility Development and Maintenance: This activity includes the development of unique efficient sort/merge, I/O, and standard computational conversion functions for specific user requirements.

- Data Base Management: This activity includes the development and maintenance of data access and manipulation programs for user constructed data bases when the provided data base management systems are too costly or inadequate.

- Data Presentation: This activity includes the development and execution of programs to produce plots, graphic displays, reports, and microfiche for data presentation.

- Statistical Analysis: This activity includes the development and execution of any statistical analysis programs that are not provided by an ADP software system or by a vendor supplied product.

- Simulation and Modeling: This activity is primarily for those R & D efforts which require mathematical analysis for unique one of a kind data processing support.

- User Assistance and Training: This activity includes all the changes made via account numbers for testing and problem solving requested by the user. This includes computer programmed training with its development and maintenance.

- EPA Operations, Planning and Management Support: Management and planning data processing that is not a part of a formal system, data procurement support (e.g., benchmarks, computer processing, comparisons, etc.).

DETAILED DIVISION ACCOUNT CODE INFORMATION

PROJECT INFORMATION REPORTS

10/31/78 P R O J E C T I N F O R M A T I O N R E P O R T PAGE
EPA/MIDSD TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: RTP BEGIN DATE: 77/03 END DATE: / RTP
PROJECT: CIVIL RIGHT COMPLIANCE TRACKING SYSTEM (OCRUA) 90540CR
SYSTEM:

EPA ORG: .. MANAGEMENT DIVISION 90540
PGM ELM: REGIONAL SUPPORT 5TX21

MANAGER: STRAIN,JUDY A (312) 353-2065 (MOB)
EPA/REGION 5 -5MADP
230 S DEARBORN ST
CHICAGO IL 60604 KEY DIST CODES REF LO
--- ---- ----- --- --

USER: GERLEVE,JAMES F (312) 353-2065 JFG J
EPA/REGION 5 5MADP
230 S DEARBORN ST
CHICAGO IL 60604

USER: AERAYTIS,JON A (312) 353-2061 JQA J
EPA/REGION 5
230 S DEARBORN ST
CHICAGO IL 60604

USER: KING,LERCY C (312) 353-2320 LCK L
EPA/REGION 5 5CRUA
230 S DEARBORN ST
CHICAGO IL 60604

USER: PECYNA,WAYNE D (312) 353-2065 WDP W
EPA/REGION 5 5MADP
230 S DEARBORN ST
CHICAGO IL 60604

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EPA/MIDSI TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: RTP BEGIN DATE: 77/05 END DATE: / RTP
PROJECT: PERSONAL PROPERTY SYSTEM,REGION 5,CHICAGO 90540PP
SYSTEM:
Personal Property System 10012

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: REGIONAL MANAGEMENT 5TA21

MANAGER: FEDOROWSKI, VIC L (312) 353-2047 (VLF)
EPA/REGION V FLOOR 14
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LC
USER:	GERLEVE,JAMES F	(312) 353-2065				JFG	J
	EPA/REGION 5	5MADP					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					
USER:	STILL,NORMAN C	(312) 353-2047				LSO	L
	EPA/REGION 5	ROOM 1151					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					
USER:	DIPERT,MERLIN H	(312) 353-2061	M			MHD	M
	EPA/REGION 5	5MADP					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					
USER:	FEDOROWSKI, VIC L	(312) 353-2047				VLF	V
	EPA/REGION V	FLOOR 14					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					

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COORDINATORS. PREVIOUS COPIES OF THIS FORM SHOULD BE DESTROYED.

SERVICE: RTP BEGIN DATE: 74/05 END DATE: / RTP
PROJECT: RSUP REGIONAL SUPPORT 90540RSI
SYSTEM:

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: REGIONAL MANAGEMENT 5TA214

MANAGER: DIPERT,MERLIN H (312) 353-2061 (MHD)
EPA/REGION 5 -5MADP
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REP	LO
USER:	MILLER,GERALD C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2062 ROOM 1158 IL 60604				GOM	G
USER:	DIPERT,MERLIN H EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353 2061 -5MADP IL 60604	M			MHD	M
USER:	PETRIE,JAMES EPA / REGION 5 230 S DEARBORN ST CHICAGO	(FTS) 353-2065 5MADP IL 60604				PZJ	P
USER:	ROSS,STUART C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2065 -5MADP IL 60604				SCR	S

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SERVICE: WCC BEGIN DATE: 78/03 END DATE: / WCC
PROJECT: CSC CONTRACTS CSCC
SYSTEM:

EPA ORG: .. MANAGEMENT DIVISION 90540(
PGM ELM: REGIONAL SUPPORT 5TX21!

MANAGER: STRAIN,JUDY A (312) 353-2065 (MOR)
EPA/REGION 5 -5MADP
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REP	LO
			---	---	---	---	--
USER:	SCHNEBERG,DIANE COMP SCIENCE CORP 6565 ARLINGTON BLVD FALLS CHURCH	(703) 533-8877 VA 22046				DSD	D.
USER:	DIPERT,MERLIN H EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 -5MADP IL 60604	M			MHD	MI
USER:	STRAIN,JUDY A EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2065 -5MADP IL 60604				MOR	MO
USER:	SINGH,RAGHU COMP. SCIENCE CORP ARLINGTON BLVD FALLS CHURCH	(703) 500-8877 VA 22046				RSG	RS
USER:	ROSS,STUART C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2065 -5MADP IL 60604				SCR	SCI

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10/31/78 P R O J E C T I N F O R M A T I O N R E P O R T PAGE
EPA/MIDSD TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: 75/05 END DATE: / WCC
PROJECT: DOCUMENT CONTROL SYSTEM DCR5
SYSTEM:

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: REGIONAL SUPPORT 51X215

MANAGER: TILLEY,LOU W (312) 353-2022 (LWT)
EPA/REGION 5 ROOM 1417
230 S DEARBORN ST
CHICAGO IL 60604 KEY DIST CODES REF LO

USER: TILLEY,LOU W (312) 353 2022 LWT I
EPA/REGION 5 ROOM 1417
230 S DEARBORN ST
CHICAGO IL 60604

USER: KATSUBA,APRIL (312) 353 2022 SJA S.
EPA/REGION 5 ROOM 1417
230 S DEARBORN ST
CHICAGO IL 60604

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10/31/78 P R O J E C T I N F O R M A T I O N R E P O R T PAGE
EPA/MIDSC TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: 74/12 END DATE: / WCC
PROJECT: PERSONAL PROPERTY SYSTEM,REGION 5,CHICAGO PPS5
SYSTEM:
Personal Property System 10012

EPA ORG: .. MANAGEMENT DIVISION 9054C0(
EGM RIM: REGIONAL MANAGEMENT 5TA214

MANAGER: FEDOROWSKI, VIC L (312) 353-2047 (VLF)
EPA/REGION V FLOOR 14
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LOG
USER:	DIPERT,MERLIN H	(312) 353-2061	M			MHD	MH
	EPA/REGION 5	5MADP					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					
USER:	FEDOROWSKI, VIC L	(312) 353 2047				VLF	VL
	EPA/REGION V	FLOOR 14					
	230 S DEARBORN ST						
	CHICAGO	IL 60604					

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10/31/78 P R O J E C T I N F O R M A T I O N R E P O R T PAGE
EPA/MIDSI TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: 75/09 END DATE: / WCC
PROJECT: STREAM MODELING & TREATMENT MODELING SMR5
SYSTEM:
STORET: STORAGE AND RETRIEVAL OF WATER QUALITY AND POINT SOURCE DATA 10034

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: WTR POLUTN SOURCE SURVLNC 2BE148

MANAGER: BRANDON,JOEL (312) 353 2065 (AAB)
EPA/REGION 5 ROOM 1158
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LOC
USER:	CHANG, T P IN STE POL CNTRL BD 1330 WEST MICHIGAN INDIANAPOLIS IN 46207	(317) 633 5483	S			AAA	AA
USER:	JACOBS,B IN STE POL CNTL BD 1330 WEST MICHIGAN INDIANAPOLIS IN 46207	(317) 633 5483	S			BBJ	BB

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SERVICE: WCC BEGIN DATE: 76/03 END DATE: / WCC
PROJECT: 21WIS STATE OF WISCONSIN S211
SYSTEM:
SUBJECT: STORAGE AND RETRIEVAL OF WATER QUALITY AND POINT SOURCE DATA 10034

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: WTR QUAL INFO SYSTEM 2BE146

MANAGER:	BRANDON,JOEL			(312) 353-2065			(AAB)	
	EPA/REGION 5	ROOM 1158						
	230 S DEARBORN ST							
	CHICAGO	IL	60604	KEY	DIST	CODES	REF	LOC
USER:	YARGER,DANA	(608)	266-6965	S			DBY	DI
	DEPT NATURAL RES							
	P.O. BOX 7921							
	MADISON	WI	53707					
USER:	UNGCHUSBI,ORABAT	(608)	266 8831	S			OOU	OO
	DEPT NATURAL RES							
	P.O. BOX 7921							
	MADISON	WI	53707					
USER:	ST JOHN,TED R	(608)	266-0460	S			TRS	TR:
	DEPT NATURAL RES							
	P.O. BOX 7921							
	MADISON	WI	53707					

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EPA/MIDSE TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: 75/09 END DATE: / WCC
PROJECT: WATER POLLUTION CONTROL (MINNEAPOLIS,MINN) WPR5
SYSTEM:
STORET: STORAGE AND RETRIEVAL OF WATER QUALITY AND POINT SOURCE DATA 10034

EPA ORG: .. MANAGEMENT DIVISION 905400
PGM ELM: WTR POLUTN SOURCE SURVLNC 2BE148

MANAGER: BRANDON,JOEL (312) 353-2065 (AAB)
EPA/REGION 5 ROOM 1158
230 S DEARBORN ST
CHICAGO IL 60604

				KEY	DIST	CODES	REF	LOC
USER:	TRIPPLER,DALE J MIN POLL CONTROL AGY 1935 W COUNTY RD B2 ROSEVILLE	(612)	296-7380	S			DJT	DJ
USER:	JAROCH,LAWRENCE A MIN POLL CONTROL AGY 1935 W COUNTY RD B2 ROSEVILLE	(612)	296 7355	S			LBJ	LB
USER:	LINDBERG,MARGITTA G MIN POLL CONTROL AGY 1935 W COUNTY RD B2 ROSEVILLE	(612)	296 7217	S			MGL	MGL
USER:	MADER,PATRICK G MIN POLL CONTROL AGY 1935 W COUNTY RD B2 ROSEVILLE	(612)	296 7238	S			PGM	PGM
USER:	MEYER,SHARON C MIN POLL CONTROL AGY 1935 W COUNTY RD B2 ROSEVILLE	(612)	296 7204	S			SDM	SDM

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EPA/MIDSI TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: / END DATE: / WCC
PROJECT: REGIONAL SUPPORT RSUP
SYSTEM:

EPA ORG: ... IMMED OFC, MANAGEMENT DIVISION 905410
EGM FIM: REGIONAL SUPPORT 5TX215

MANAGER: BRANDON,JOEL (312) 353-2065 (AAB)
EPA/REGION 5 ROOM 1158
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LOG
USER:	MILLER,GERALD C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2062 ROOM 1158 IL 60604				GOM	GO
USER:	GERLEVE,JAMES F EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2065 5MADP IL 60604				JFG	JF
USER:	ABRAYTIS,JON A EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 IL 60604				JQA	JQA
USER:	CHATMAN,KATRINA L EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-1479 ROOM 1153 IL 60604				KLC	KLC
USER:	VARNER,LIMMIE E EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 ROOM 1120 IL 60604				LEV	LEV
USER:	ADAMS,MARSHA A EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353 2065 ROOM 900 IL 60604				MAA	MAA
USER:	DIPERT,MERLIN H EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 -5MADP IL 60604	M			MHD	MHD

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10/31/78 PROJECT INFORMATION REPORT PAGE
EPA/MIDSD TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: / END DATE: / WCC
PROJECT: REGIONAL SUPPORT RSUP
SYSTEM:

EPA CBG: ... IMMED OFC, MANAGEMENT DIVISION 905410
EGM ELM: REGIONAL SUPPORT 5TX215

MANAGER: BRANDON,JOEL (312) 353-2065 (AAB)
EPA/REGION 5 ROOM 1158
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LOG
USER:	PETRIE,JAMES EPA / REGION 5 230 S DEARBORN ST CHICAGO	(FTS) 353-2065 5MADP IL 60604				PZJ	PZ
USER:	ROSS,STUART C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353 2065 5MADP IL 60604				SCR	SCI
USER:	PECYNA,WAYNE E EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2065 5MADP IL 60604				WDP	WDP

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10/31/78 P R O J E C T I N F O R M A T I O N R E P O R T PAGE
EPA/MIDSI TIME SHARING SERVICES MANAGEMENT SYSTEM

SERVICE: WCC BEGIN DATE: 74/08 END DATE: / WCC
PROJECT: REGION 5 - GRANTS INFORMATION AND CONTROL SYSTEM WFNK
SYSTEM:
GRANTS INFORMATION AND CONTROL SYSTEM 10011

EPA CBG: ... IMMED OFC, MANAGEMENT DIVISION 905410
PGM ELM: REGIONAL SUPPORT 5TX215

MANAGER: BRANDON,JOEL (312) 353-2065 (AAB)
EPA/REGION 5 ROOM 1158
230 S DEARBORN ST
CHICAGO IL 60604

			KEY	DIST	CODES	REF	LOG
USER:	PATRICK,ALTHEA C EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-1400 FLOOR 11 IL 60604				ACP	AC
USER:	MYERS,ANNETTE J EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-1479 ROOM 900 IL 60604				AJM	AJM
USER:	GEBLEVE,JAMES F EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353 2065 5MADP IL 60604				JFG	JFG
USER:	VARNER,LIMMIE E EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 ROOM 1120 IL 60604				LEV	LEV
USER:	DIPERT,MERLIN H EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2061 -5MADP IL 60604	M			MHD	MHD
USER:	LEE,ROBERT E EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353-2140 FLOOR 11 IL 60604				RWL	RWL
USER:	PECYNA,WAYNE D EPA/REGION 5 230 S DEARBORN ST CHICAGO	(312) 353 2065 5MADP IL 60604				WDP	WDP

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SERVICE: WCC BEGIN DATE: 77/08 END DATE: / WCC
PROJECT: MODEL STATE INFORMATION SYSTEM; WATER SUPPLY MSIS
SYSTEM:

EPA ORG: ... DATA PROCESSING BRANCH 905470
FGM FIM: REGIONAL SUPPORT 5TX215

MANAGER: STRAIN,JUDY A (312) 353-2065 (MOR)
EPA/REGION 5 -5MADP
230 S DEARBORN ST
CHICAGO IL 60604 KEY DIST CODES REF LOG

USER: GERLEVE,JAMES F (312) 353-2065 JFG JF
EPA/REGION 5 5MADP
230 S DEARBORN ST
CHICAGO IL 60604

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