

Description/Justification of Change (continued)

M-35-01 Laboratory analytical data developed from SST and DST characterization, as required by Milestone M-44, will be provided to EPA and Ecology via offsite electronic database access with the following characteristics:

- Direct high speed access via T-1 datalink or direct LAN connection.
- Read, table creation, and downloading capability in the TCD and/or TWINS.
- User will be provided 40 MB of user disk space for storage and manipulation of tank data.

Date: 4/30/94

M-35-02 DOE shall develop and submit to the regulators a "TPA Strategic Data Management Plan" as a primary document which will include or address the items listed below:

a. Identification of TPA related data, TPA data users, purpose of data use, information to be indexed and accessed, and an implementation schedule.

b. Site standards for data management, GIS spatial data, locational data collection, etc.

c. Data Management organizational structure to implement the processes defined in this plan.

d. The following ten data management initiatives will be evaluated and where appropriate implementation actions and schedules will be included in the Strategic Data Management Plan.

The initiatives are:

- Locational Data Collection Standards
- Database Documentation and Listing of Existing Systems Update
- Data Reference Search Information System
- EII Procedures Update
- Digital GIS Base Map Data Collection
- Sitewide Orthophotography Program
- Monument Control Network System
- Engineering Survey Data Collection Standards
- Standard Well ID/Naming and Location Coordinates
- Historic Data Management.

An agreed upon description is documented under "Purpose" for each of these

initiatives in Appendix G, Data Management Initiatives, dated September 20, 1993.

DATE: 09-30-94

- M-35-03 Develop and submit to the regulators Data Management plans for each DOE-RL program office (ER, WM, TWRS).

DATE: 03-31-95

- M-35-04 DOE submit a signed change package with major and interim milestones and target dates for data management initiatives in the Strategic Data Management Plan.

DATE: 01-31-95

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APPENDIX G

DATA MANAGEMENT INITIATIVES September 20, 1993

LOCATIONAL DATA COLLECTION STANDARDS

Purpose:

Establish standards to be followed by all organizations collecting locational information at the Hanford Site. This will ensure that during the collection of locational information that standards and guidelines will be followed to assure accuracy and usability of the information.

A set of minimum standards for information needs associated with all X, Y, and Z coordinate data (surveyed or GPS) will be defined. Some examples of the ancillary information to be carried include: accuracy; coordinate type; type of collection method used; data collector; and the intended use and application.

DATABASE DOCUMENTATION AND LISTING OF EXISTING SYSTEMS UPDATE

Purpose:

Undertake a full inventory of existing data management systems, their location, information contained in them, and the source of their information. With the existing and growing databases on the Hanford site, an effort to understand what computer/automated systems exist on site needs to occur. This task should be assigned to all contractors. Their respective management should assign and require this task to be fulfilled internally.

DATA REFERENCE SEARCH INFORMATION SYSTEM

Purpose:

Create a system to provide information regarding site characterization historic documents, records, and photography that directly relate to TPA activities.

All resulting information gathered needs to be indexed, referenced, and automated. This will reduce redundant data collection of historic documents on closely associated operable units, and thus save valuable research time and costs.

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EII PROCEDURES UPDATE

Purpose:

Disseminate the data and locational standards and guideline to the users in the field. Coordinate EII instructions and data collection to ensure EII's are reviewed and updated to incorporate data management changes, standards, and guidelines for managing information.

DIGITAL GIS BASE MAP DATA COLLECTION

Purpose:

Provide the necessary base map information to carry out compliance and cleanup activities at the Hanford Site. This milestone will ensure TPA participants an accurate, dependable and controlled set of base map data.

SITEWIDE ORTHOPHOTOGRAPHY PROGRAM

Purpose:

Establish a comprehensive, usable and long-term site-wide historical record of the Hanford site. The orthophotography will provide the site with a single up-to-date source for all geographic baseline information from which to obtain automated spatial information.

MONUMENT CONTROL NETWORK SYSTEM

Purpose:

With the transition from the Hanford Plant Coordinates from the WA State Plane Coordinate system, one, up-to-date official survey monument system needs to be adopted by all contractors and used in all engineering and GPS survey work conducted on site. This will enable a more uniform collection standard, and have assurance that all information collected meets that standard.

ENGINEERING SURVEY DATA COLLECTION STANDARDS

Purpose:

Develop procedures and guidelines for engineering survey data collection, recording, and storage. At present, engineering surveys are conducted on site without regard to the importance or cost associated with the collection or generation of locational information.

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STANDARD WELL ID/NAMING AND LOCATION COORDINATES

Purpose:

Adopt a unique site wide naming standard for well designations at the Hanford site. These standards will be maintained and available in an on-line computer system. This system would also function as a cross reference table between existing standards and previous standards, and would also store the official X, Y, & Z coordinate location to be used by all other computer systems.

HISTORIC DATA MANAGEMENT

Purpose:

Establish a Site historical data management system. As TPA activities develop, a system describing how the site looked, where buildings were located before D&D activities, and where historic waste sites existed will need to be developed.

At present, when buildings are removed from an area, the buildings are also removed from the engineering drawing without regard to its historical or environmental significance. In some cases these same buildings and their footprints are later classified as waste sites. Numerous types of historic information need to be saved, inventoried and tracked:

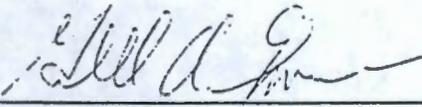
Photography
CAD Infrastructure Drawings
Written Documents
Borehole Logs

PREPARED BY

IT IS SO AGREED:

Each undersigned representative of a Party certifies that he or she is fully authorized to enter into this Agreement and Action Plan and to legally bind such Party to this Agreement and Action Plan. These change requests and amendments shall be effective upon the date on which this amendment agreement is signed by the Parties. Except as amended herein, the existing provisions of the Agreement shall remain in full force and effect.

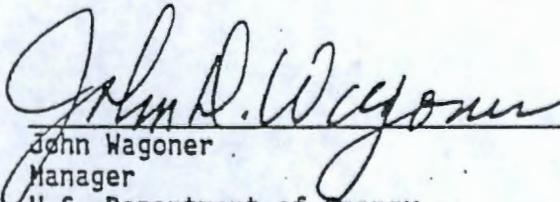
FOR THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY:



Gerald Emison
Acting Regional Administrator
Region 10
U.S. Environmental Protection Agency

1-25-94
Date

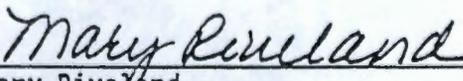
FOR THE UNITED STATES DEPARTMENT OF ENERGY:



John Wagoner
Manager
U.S. Department of Energy
Richland Operations Office

1/25/94
Date

FOR THE WASHINGTON STATE DEPARTMENT OF ECOLOGY:



Mary Riverland
Director
State of Washington
Department of Ecology

1/25/94
Date

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