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Final

Meeting Minutes Transmittal/Approval
Unit Manager's Meeting: General Topics
450 Hills St., Room 47, Richland, Washington
September 23, 1992

FROM/APPROVAL: for: James Aooden Date Oct 21, 1992
Robert K. Stewart, R.I. Coordinator, RL (A6-95)

APPROVAL: Pamela A. Harris for: Date 10/21/92
Douglas R. Sherwood, Representative, EPA (B5-01)

APPROVAL: Charles S. Cline Date 10/21/92
Charles S. Cline, CERCLA Unit Supervisor, Washington Dept. of Ecology

The purpose of this meeting was to discuss general topics which are common to all past practices operable units.

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Summary of Meeting and Commitments and Agreements
- Attachment #2 - Agenda for the Meeting
- Attachment #3 - Attendance List
- Attachment #4 - Action Item Status List
- Attachment #5 - Status of the HEIS Data
- Attachment #6 - Analytical Services Status
- Attachment #7 - Letter from RL to the Regulators, "Protocol for Managing Environmental Restoration Working Groups"



Prepared by: Kay Kimmel Date: 10/21/92
Suzanne Clarke, Kay Kimmel, GSSC (A4-35)

Concurrence by: H.D. Downey Date: 10/21/92
Hal Downey, WHC Coordinator (L4-92)

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Attachment #1

Summary of Meeting and Commitments and Agreements

Unit Manager's Meeting: General Topics
September 23, 1992

1. SIGNING OF THE AUGUST GENERAL TOPICS UNIT MANAGER'S MEETING MINUTES

There was no General Topics meeting in August.

2. ACTION ITEM UPDATE: (Attachment 4 shows the status of the action items before today's meeting; the updates to Attachment 4 are listed below and the text is highlighted on Attachment 4.)

- GT.38 No change.
Jim Goodenough
- GT.128 Actionee changed to Jim Goodenough.
Jim Goodenough
- GT.134A Closed 09/23/92.
- GT.136 No change.
Daryl Koch
- GT.138 Closed 09/23/92.
- GT.139 Canceled 09/23/92.
- GT.140 Closed and replaced by new Action Item GT.148, 09/23/92.
- GT.142 Items 1, 2, and 3 were open at the meeting, however, Becky Bechtold provided data validation information on 09/23/92, and Jeff Lerch provided the balance of the requested information by close of business 09/24/92.
- GT.143 Closed 09/23/92.
- GT.144 Rich Hibbard is replaced by Billie Mauss, WHC is represented by Richard Roos.
Jim Goodenough

3. NEW ACTION ITEMS:

- GT.145 Provide the regulators with all completed groundwater 300 -FF-5 split sample data packages (splits done via both SW-846 and CLP methodologies) by October 2.
L. Hulstrom
- GT.146 Schedule a meeting between DOE and the Regulators to discuss Regulator

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J. Goodenough concerns with respect to selection of analytical methodologies, level of QA/QC, and data reporting. Meeting is to evaluate data packages.

GT.147
J. Goodenough Provide the status of the comparison of data and full data packages for analyses performed via CLP with those performed via SW-846. Both split samples from 300-FF-5 and historical data should be included. Status at the October UMM.

GT.148
P. Innis
D. Teel DOE requests regulator response concerning the IDW proposal by October 2.

4. INFORMATION ITEMS:

- Update on HEIS - Mike Schwab presented information on HEIS (see attachment #5).
- Update on Laboratory Status - Jeff Lerch presented the laboratory status (see attachment #6).
 - Turnaround time on laboratory samples since June 1992 was also presented by J. Lerch. This information closes Action Item GT.143.
- Past Practices Working Groups - Bob Stewart and Jim Goodenough provided an update on current working groups. These groups will be reporting to the General Topics in the future. J. Goodenough anticipates producing a table for each working group to include the charter, members and the end product(s) (see attachment #7). He also has Stone & Webster working on a protocol to standardize the formation and function of working groups.
- Hanford Site Past Practice Strategy was presented by Mike Thompson.

5. QUICK STATUS ITEMS:

- Update on HRA EIS - Bob Stewart reported that the Notice of Intent was published in the Federal Register on August 21, 1992. Scoping meetings are planned for: Sept. 29 in Spokane, West Coast Ridpath Hotel; Oct. 1 in Pasco, Red Lion Hotel; Oct. 5 in Seattle, Sheraton Hotel-Downtown; Oct. 8 in Portland, Lloyd Center Red Lion Hotel. Sessions are from 12:30 pm to 5:30 pm and from 6:30 pm to 10:30 pm. The scoping period is currently scheduled to end on November 25, 1992, but will in all likelihood be extended until January 15, 1993.
- Macroengineering - Merl Lauterbach reported that a meeting has been scheduled to identify resources required to integrate the Macroengineering strategy into the 100 B/C Area remedial activity planning. M. Lauterbach also reported that a value engineering study concerning the rail/truck system will be initiated on November 1. The TSD siting study will be done next week as well as a cost evaluation. Cost assumptions will be input to the functional design criteria (FDC). A value engineering study on cost assumptions and the FDC will begin on Nov. 1. The critical design report (CDR) will be started on Nov. 1.

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6. AGENDA ITEMS FOR OCTOBER

- Lab Update
- Working Group Reports (with write-up for the minutes).
- HASP Briefing

7. Next meetings are scheduled for October 21 and 22. The November meetings may be moved back a day, to Tuesday and Wednesday, Nov. 17 and 18.

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Attachment #2

Agenda

Unit Manager's Meeting: General Topics
September 23, 1992

Approval of July General Topics Meeting Minutes - Bob Stewart

Update on HEIS - Mike Schwab

Update on Laboratory Status - Joan Kessner

- Turnaround time on laboratory samples since June of "92"

Past Practices Working Groups/(Geophysics, Risk Assessment, IDW's, RCRA/CERCLA Integration) - Bob Stewart, Jim Goodenough

- Charter
- Members
- End Products

Hanford Site Past Practices/Strategy - Mike Thompson

Quick Status Items

- Update on HRA EIS - Sue Weissberg
- Macroengineering - Alan Harris

Action Item Status - Suzanne Clarke

General Topics Meeting Recap - Suzanne Clarke

Agenda Items for October General Topics Unit Managers Meeting - All

General Topics Unit Manager's Meeting
Official Attendance Record
September 23, 1992

Please print clearly and use black ink

PRINTED NAME	SIGNATURE	ORGANIZATION	O.U. ROLE	TELEPHONE
PAMELA INNIS	<i>Pamela Innis</i>	EPA	UNIT MANAGER	509/376-4919
Bob Stewart	<i>Robert K. Stewart</i>	DOE-RL/ERD	GT Chair	509-376-6192
Hal Downey	<i>H.A. Downey</i>	WHC-ER Program	E.R. Program	509-376-5539
Diana Sickle	<i>Diana Sickle</i>	WHC-ER Program	ER Program	(509)-372-3141
CHUCK CLINE	<i>Charles Cline</i>	ECOLOGY	UNIT MGR	(206)438-7556
JEFF PHILLIPS	<i>Jeff Phillips</i>	Ecology	Unit Manager	(509)546-2168
Jon Sprecher	<i>Jon Sprecher</i>	Brown & Caldwell	Ecology Support	(503)244-7005
Bill Kane	<i>William F. Kane</i>	Parametrix	Ecology Support	206-822-8850
MIKE BRENNE	<i>Michael Brenne</i>	USACE	ER Program Participant	509-376-1275
Dennis Faulk	<i>Dennis Faulk</i>	EPA	Unit Manager	6-8631
RALPH PATT	<i>Ralph Patton</i>	OREGON WED	CARRIER	503-378-8455
Janet Franco	<i>Janet Franco</i>	Oregon Dept of Energy	"	(503)378-3187
Jeff Lerch	<i>Jeff Lerch</i>	WHC-OSM	OSM	(509)373-3419
Brian Drost	<i>Brian Drost</i>	USGS	EPA Support	(206)593-6510
Gene Cross	<i>Gene Cross</i>	Ecology	LERCH Unit	206 459 6615
Audree De Angeles	<i>Audree De Angeles</i>	PRC	EPA Support	206-624-2692
Larry Gadbois	<i>LE Gadbois</i>	EPA	Unit Manager	509-376-9884
Richard Carlson	<i>RA Carlson</i>	WHC	200/300 RI'S	509-376-9027
Richard Fox	<i>RD Fox</i>	WHC	Data Management	509-376-3261
Eric Goller	<i>Eric Goller</i>	RL	100 Area Unit	509-376-7326
K. Michael Thompson	<i>K.M. Thompson</i>	RL-EAP	-	509-376-6421
JAMES K PATTERSON	<i>James K. Patterson</i>	WHC	ER Program	509-376-0568
ROBERT HENCKEL	<i>Robert Henckel</i>	WHC	100 Area	509 376-2091
JUDY BLACK	<i>Judy Black</i>	WHC	ER Program	509-376-0286
P. D. Mix	<i>P.D. Mix</i>	WHC	ER-	509-376-1543

Attachment #4

Action Items Status List
 Unit Manager's Meeting: General Topics
 September 23, 1992

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.38	If possible, at the May Unit Manager's Meeting a presentation on the approved, preferred alternative method for disposal of the reactors will be given. Action: Jim Goodenough (4/18/90, GT-UMM)	Open. The EIS will be reviewed by Admiral Watkins' office and Nuclear Safety (4/16/91). The RL program at DOE/HQ has written a letter to EH urging EH to quickly approve the final EIS and allow it to be published (6/19/91). Waiting for action from HQ (8/8/91). Waiting for status (11/20/91). J. Goodenough to update status at February 1992 UMM (2/25/92). Waiting on HQ approval 3/25/92. The distribution package for the final EIS is in preparation (4-17-92). Notice of Availability - June. Going through final EIS process. No change at HQ. It is anticipated that the NOI will be ready to be published in the <u>Federal Register</u> within a week to 10 days.
GT.114	Determine where the macro engineering study is in the approval process of DOE. A presentation will be contingent on DOE management approval. Action: Allan Harris (9/18/91)	Closed. Macroengineering presented to regulators on 7/28/92.
GT.128	Provide information on the date when Analytical Data Strategy document will be provided to Ecology and EPA. (2/26/92). Action: Jim Goodenough.	Open. To remain open pending outcome of meeting on 3/26/92. Eric Goller will give status of item at May UMM (4/22/92). Currently in RL review. The paper will be provided to EPA and Ecology upon satisfactory resolution of all RL comments. Pending formal transmittal (6/24/92). In internal DOE/RL review process (7/29/92).

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.129	Provide information regarding DOE plans for development of site base maps. Action: Bob Stewart. (2/26/92)	Closed. Update of status provided 7/29/92.
GT.132	RL will take the lead in setting up a meeting to develop priorities for new operable units for work plan preparation. Participants are: Doug Sherwood, Chuck Cline, Darci Teel, Tom Wintczak, and Rich Carlson. Action: Bob Stewart.	Closed 7/29/92.
GT.134A	Provide all performance evaluation results from contractor labs during the time of their contract. Action: Joan Kessner (6/24/92).	Closed 09/23/92.
GT.136	Present a progress report in a few months on how the IDW work is going. Action: Daryl Koch (6/24/92)	Open. Action given to Daryl Koch (WHC). Meeting tentatively scheduled for August 19.
GT.138	Contact John Erickson (WA Dept. of Health) to determine if a representative from the health dept. needs to be a committee member on the Radiological Background Study Group. Action: Chuck Cline (Ecology) (5/27/92).	Closed 09/23/92.
GT.139	Bring a proposal from the regulators to change the format of the OU meetings, separating the technical and management aspects. Action: Chuck Cline (Ecology) (5/27/92) & Darci Teel (7/29/92).	Canceled 9/23/92.
GT.140	Read the IDW (Groundwater Slurry) proposal and determine the need for further meetings or information. Action: Pam Innis, Darci Teel	Closed and replaced by new Action Item GT.148 9/23/92.
GT.141	RL to define how the status of sample analysis prioritization will be communicated with the regulators at the July UMM. Action: Julie Erickson.	Closed (7/29/92).

ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.142	Provide to the regulators: 1) The standard forms the labs use to report SW-846 methods; 2) Current Statements Of Work from OSM to each of the labs; 3) Latest version of the data validation method(s) use by the contracted parties (IT, Golder, etc.). Actionee: Bob Henckel & Joan Kessner (WHC).	Closed. Items 1, 2, and 3 were open at the meeting, however, Becky Bechtold provided data validation information on 09/23/92, and Jeff Lerch provided the balance of the requested information by close of business 09/24/92.
GT.143	Present at the September UMM the average turnaround times specific to samples taken after June 1, 1992. Action: Joan Kessner.	Closed 9/23/92.
GT.144	Billie Mauss, Pam Innis, Mike Baehre, Bill Mallio, and Richard Roos. Each organization will provide a representative to sit on a field radiation screening technical group. The team will explore the need for a field screening team and reach consensus on a team "charter". Potential purposes include performing independent verification of field screening capabilities, familiarizing regulators with such capabilities, reaching consensus on use of portable laboratory, and helping determine future need (and rate of need) for mobile labs/field screening. Group coordinator is J.D. Goodenough (RL).	Open (7/29/92). Rich Hibbard is replaced by Billie Mauss, WHC is represented by Richard Roos (9/23/92).
GT.145	Provide the regulators with all completed groundwater 300-FF-5 split sample data packages (splits done via both SW-846 and CLP methodologies) by October 2. Action: L. Hulstrom.	Open (9/23/92).
GT.146	Schedule a meeting between DOE and the Regulators to discuss Regulator concerns with respect to selection of analytical methodologies, level of QA/QC, and data reporting. Meeting is to evaluate data packages. Action: J. Goodenough.	Open (9/23/92).

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ITEM NO.	ACTION/SOURCE OF ACTION	STATUS
GT.147	Provide the status of the comparison of data and full data packages for analyses performed via CLP with those performed via SW-846. Both split samples from 300-FF-5 and historical data should be included. Status at the October UMM. Action: J. Goodenough.	Open (9/23/92).
GT.148	DOE requests regulator response concerning the IDW proposal by P. Innis October 2. Action: D. Teel and P. Innis.	Open (9/23/92).

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Status of the HEIS Data

**Mike Schwab
Environmental Data Management Group
HEIS Project**

**Unit Managers Meeting
September 23, 1992**

STATUS OF THE HEIS DATA

Main Focus for FY92 was Enhancement Development for Electronic Data Entry

- RCRA Data LAS
- Non-CLP Data WetChem, RadChem
- Geologic Data glNT
- CERCLA Field Data
- CLP 90 Data
- Data Entry Verification SQR

Main Focus for FY93

- **HEIS Software Conversion to UNIFACE and**
- **Continuation of the Enhancements for Electronic Data Management**
 - . **Non-CLP Electronic Data Format**
 - . **gINT-to/from-HEIS**
 - . **Mobile Lab Data**
 - . **Sieve Analysis Data**
 - . **Screening Data**
 - . **CERCLA Sample and Data Tracking**

Status of HEIS CERCLA Sample Data

- **CERCLA**
 - . ~ 5600 Samples Taken
 - . ~ 63 Records per Sample
 - . 90% CLP, 10% Non-CLP

- **RCRA**
 - . ~ 4100 Samples Taken
 - . ~27 Records per Sample
 - . 90% SW846, 10% Other

Status of HEIS Data Since October 1990

- CERCLA

- . 2495 Samples in HEIS ~ 5600 Samples Taken
 - o Biota - 388, ~24,000 Records Loaded
 - o Geologic - 951, ~60,000 " "
 - o Ground-water - 1156, ~73,000 " "
- . 157,000 Records ~ 350,000 Records Created

- RCRA Ground-water

- . ~100,000 Records/Yr ~115,000 Records Loaded

Status of HEIS Data Records

- CERCLA

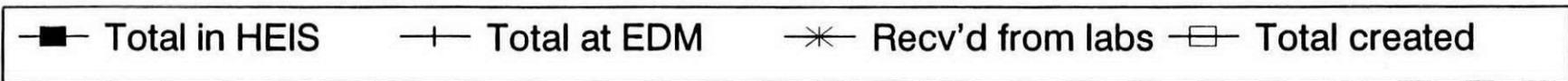
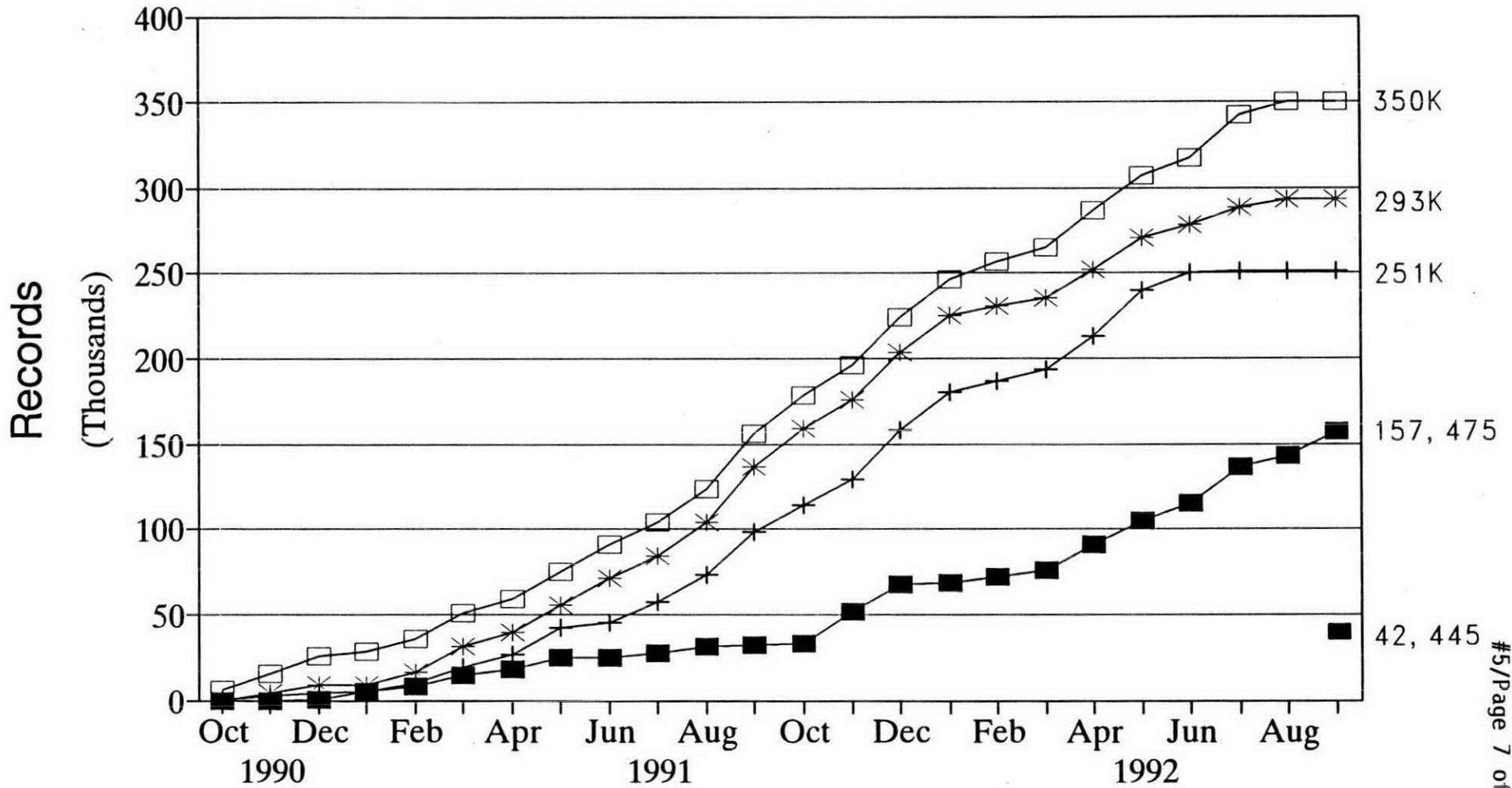
. Verified, Unvalidated (Control Level 0)	115,000
. Validated (Control Level 9)	42,000
Total CERCLA Records	157,000

- RCRA

. Verified, Unvalidated (control Level 0)	115,000
. Validated (Control Level 9)	0
Total RCRA Records	115,000

HEIS Status

CERCLA Analytical Result Records



Status of CERCLA Data Not In HEIS - As of 9/1/92

- **Total Records Pending ~ 200,000**
 - . **At Labs ~ 55,000**
 - . **At OSM ~ 1000**
 - . **At EDMC ~ 45,000**
 - . **At HEIS Ops ~ 95,000**
- **Manual/Hard Copy Only ~ 35,000**
 - . **200-BP-1 28,000**
- **Field Data Missing ~ 40,000**
- **CLP90 ~ 20,000**

Status of RCRA Data Not In HEIS - As of 9/10/92

- Total Records Pending ~ 15,000
 - . At Labs ~ 15,000

Status of CERCLA Data In HEIS - As of 9/1/92

- **Total Records** **157,000**
- . **At Control Level "9"** **42,000**
- . **At Control Level "0"** **115,000**
- o **Records Pending Validated D. Q.'s** **115,000**
- **Actions Planned**
- . **Electronic D.Q. Format Issued 6/92**
- . **Hard Copy Records Verified by Project Mgrs (Interim)**

Status of the HEIS Data Since October 1990

- **HEIS Records Growth with Time As Of 9/10/92**
 - . ~ 600,000 Records from Hanford Ground-Water Database Not Included in Graph
 - . Total HEIS Records (Old and New, Loaded and Pending) Created As of 9/1/92 ~ 1,100,000

- **HEIS Records Growth Projection**
 - . Rate for Period from 2/92 through 8/92 Appears Representative for CERCLA Records Growth Projection
 - . Est. FY93 - FY95 ~ 215,000 CERCLA Records/Yr
and ~ 100,000 RCRA Records/Yr.

HEIS Data Growth Factors

- **Factors Likely to Cause Additional HEIS Records**
 - . **New Starts ... OU, ERA, Waste Sites, etc.**
 - . **Mobile Lab Data 2/93**
 - . **Screening Data**
 - . **New Subject Areas - TCD, Atmos., Geophysics**
 - . **More CLP Lab Capacity**

HEIS Data Growth Factors

- **Factors Likely to Cause Fewer New HEIS Records**

(We know more now; we should to be able to reduce the average number of results required per sample and the number of samples required.....but we'll learn more next year on how much reduction in the record generation rate we might expect in the future.).

HEIS Data Access

- ACCOUNTS

- . 190 HEIS User Accounts as of 8/15/92**
- . Computer Security, Log-on Procedure, etc., per HEIS Manual**
- . Hanford Local Area Network (HLAN) and MODEM Access Available for the HEIS**

HEIS Data Access

- **Current Access Policies**
 - **DOE and DOE Contractor HEIS Users Have Access to View All HEIS Data - Validated and Unvalidated (HEISVIEW, etc.)**
 - **Regulator HEIS Users, per TPA, Have Access to All Validated HEIS Data Only**

- **Alternate Access Policies**
 - **Environmental Data Management Is Investigating Options for Response to WDOE's Request for Access to Unvalidated HEIS Data.**

HEIS Data Access

- **Exceptions**

- . **Some Special HEIS Data Accounts are Planned (e.g. location of endangered species habitats) for Which Access will be Limited to the Data Owner.**

Other HEIS Data Information and Announcements

- **HEIS Operations Move to Stevens Center in November, 1992**

- **HEIS Change Notifications and Bulletins**
 - . **Log-on Notices for System and Database Administration Items**

 - . **Other Methods for HEIS Data, Documentation, Other Issues**
 - **On-site Via CC:Mail**

 - **Off-site Via Modem, Fax, Mail**
 - . **CC:Mail Access Preferred**

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ANALYTICAL SERVICES STATUS

**Jeff Lerch
September 23, 1992**

COMMERCIAL CONTRACTS

- **DataChem and S-Cubed continue to have small workloads/no backlog.**
- **Turnaround times elevated for Weston and TMA as backlogs are eliminated.**
- **TMA/Eberline facility assessment performed September 1-3, 1992.**
 - **Additional radiochemistry capacity.**
- **TMA personnel currently onsite for technical and performance discussions.**

COMMERCIAL CONTRACTS (CONTINUED)

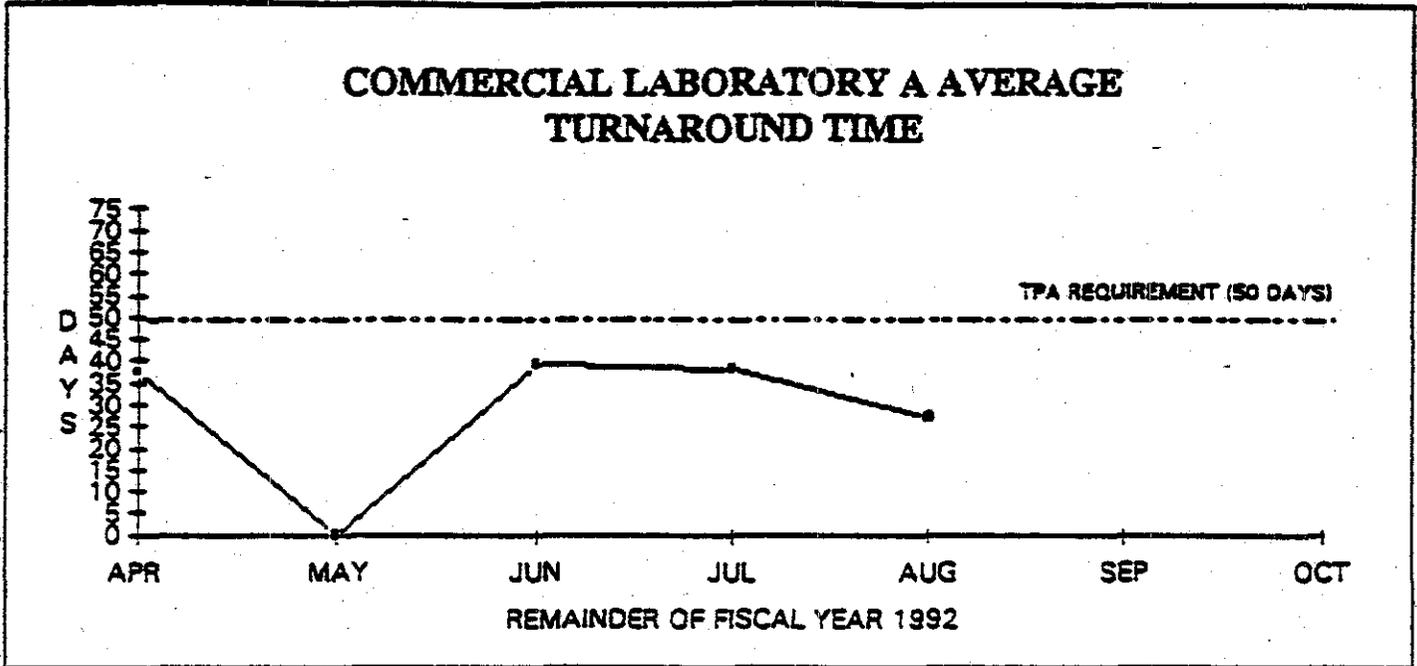
- **First samples submitted to Ecotek through Weston subcontract - August 1992.**
- **Weston/Teledyne personnel scheduled for Hanford Site visit September 30, 1992.**
- **Weston facility assessment planned for early October.**

RFP STATUS

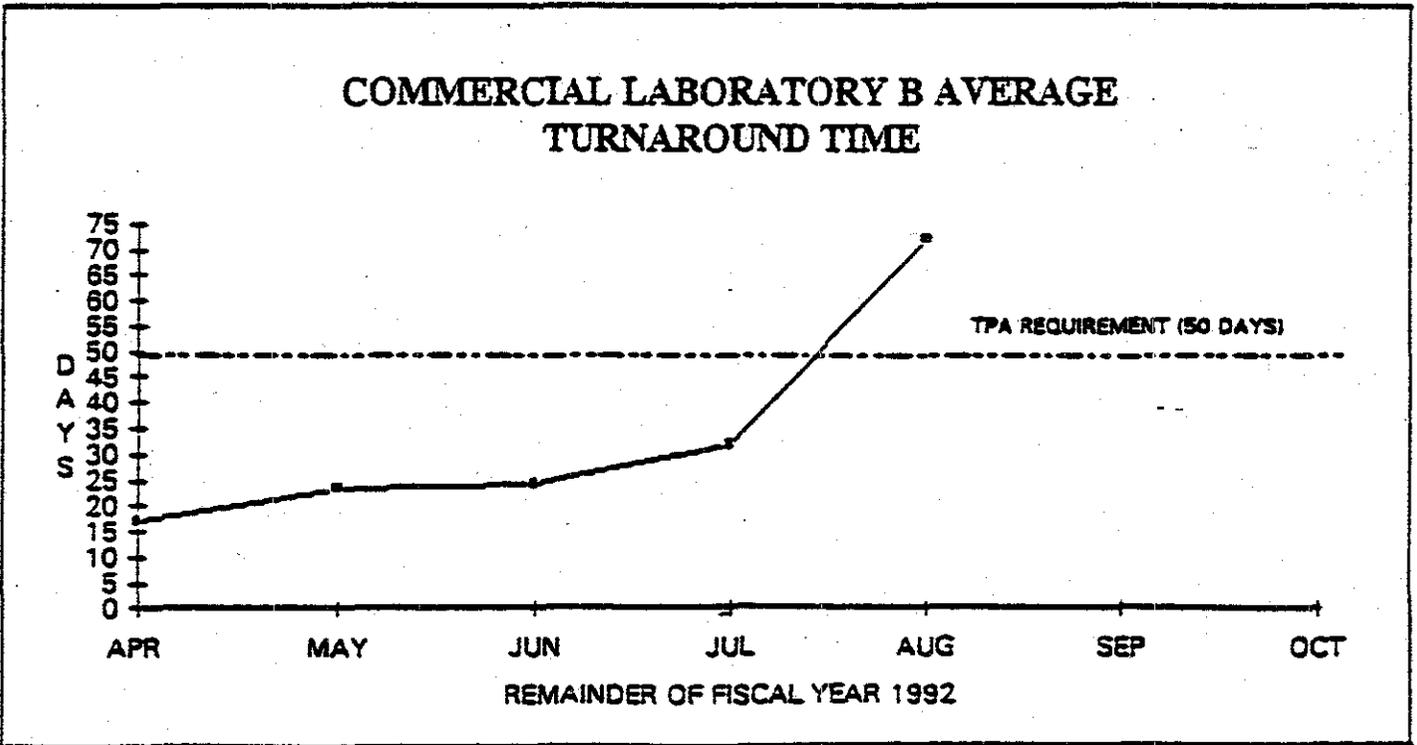
- Draft award packages submitted to RL
July 23, 1992.

**COMMERCIAL LABORATORIES AVERAGE TURNAROUND TIMES
FOR NON RADIOACTIVE SAMPLE ANALYSIS*
BY MONTH COMPLETE DATA IS RECEIVED**

**COMMERCIAL LABORATORY A AVERAGE
TURNAROUND TIME**



**COMMERCIAL LABORATORY B AVERAGE
TURNAROUND TIME**

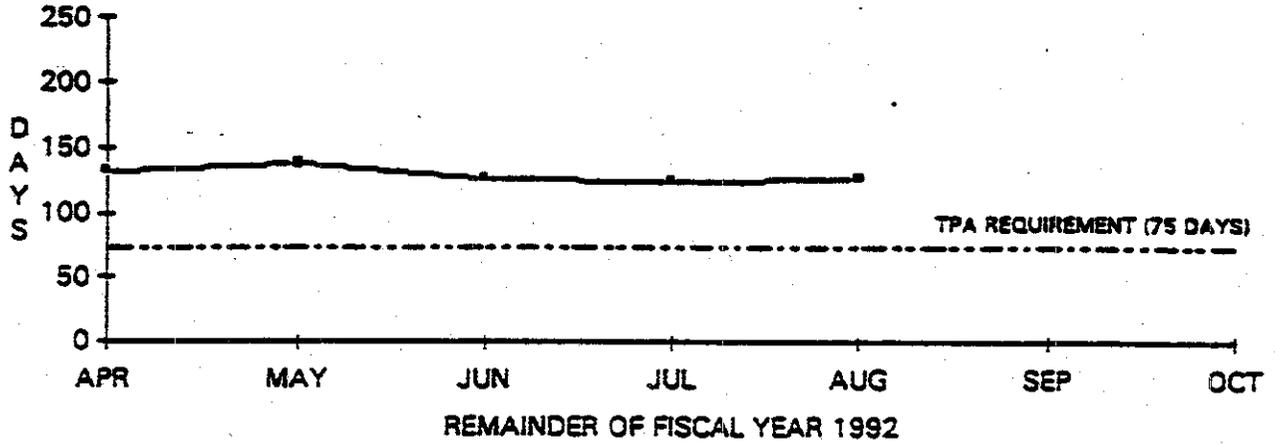


*Note: Turnaround times are calculated from the date of sample collection to the date of complete data received.

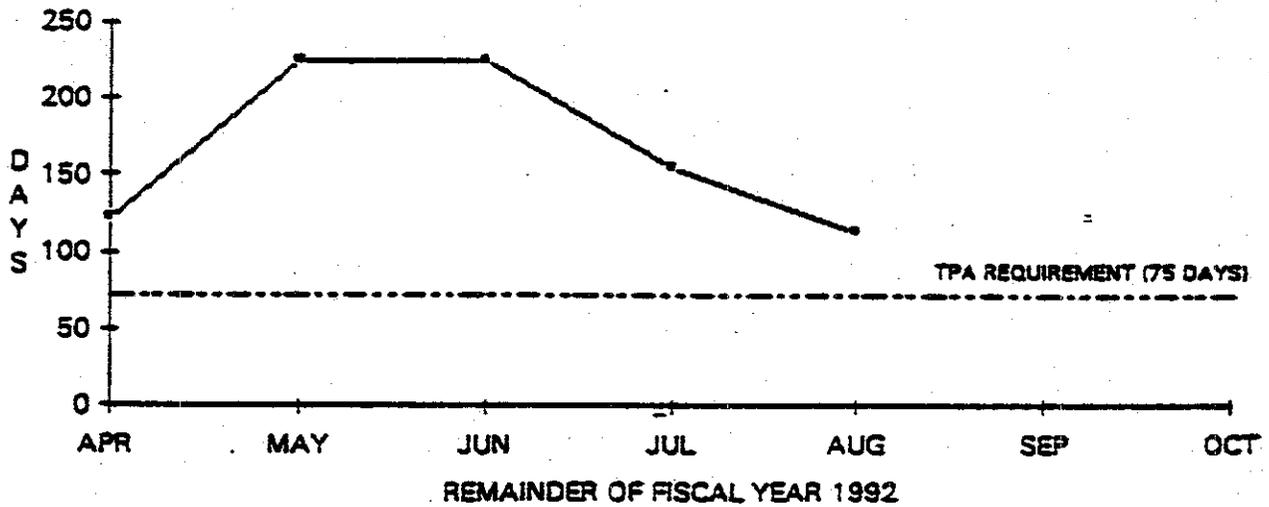
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**COMMERCIAL LABORATORIES AVERAGE TURNAROUND TIMES
FOR LOW LEVEL RADIOACTIVE SAMPLE ANALYSIS*
BY MONTH COMPLETE DATA IS RECEIVED**

**COMMERCIAL LABORATORY C AVERAGE
TURNAROUND TIME**



**COMMERCIAL LABORATORY D AVERAGE
TURNAROUND TIME**



*Note: Turnaround times are calculated from the date of sample collection to the date of complete data received.

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100 DAY TURNAROUND TIMES **FOR EPA REPORT LIST**

- **Samples submitted to the four commercial laboratories from May 1 to September 15, 1992.**
- **Average turnaround time calculated from date of sample collection to date of complete data receipt.**

100 DAY TURNAROUND TIMES
FOR EPA REPORT LIST
(CONTINUED)

- Average turnaround time for all samples completed during period - 60 days.
- Total of 1333 samples submitted during period.
- 427 samples had data due during period.
 - 48 samples completed > 100 days (104-120 range).
 - 23 samples incomplete as of September 15.
- Total of 611 samples completed during period.

Mr. Paul T. Day
Hanford Project Manager
U.S. Environmental Protection Agency
712 Swift Boulevard, Suite 5
Richland, Washington 99352

Mr. David B. Jansen, P.E.
Hanford Project Manager
State of Washington
Department of Ecology
P.O. Box 47600
Olympia, Washington 98504-7600

PROTOCOL FOR MANAGING ENVIRONMENTAL RESTORATION WORKING GROUPS

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One of the notable successes of the ER Program to date has been the work accomplished by staff level working groups within several functional areas. These include development and approval of the Hanford Past Practice Management Strategy, negotiations and interaction on RCRA and CERCLA integration, and establishment of the risk assessment and geophysics working groups. During recent discussions among our respective staffs, additional functional areas have been identified as candidates for the establishment of staff level working groups, such as a technology working group.

The purpose of this correspondence is to identify the need for the Department of Energy, Richland Field Office (Energy), the Environmental Protection Agency (EPA) and the State of Washington, Department of Ecology (Ecology) to establish a joint protocol for managing the selection, functioning and termination of working groups. Additionally, as issues are resolved and agreements are reached within working groups, there is a need to effectively communicate this information to all groups and individuals who have a need to know or a professional interest.

Energy recommends that the functioning of working groups follow a protocol. Attachment 1 provides an initial draft of a Working Group Protocol. Criteria for determining whether a working group should be constituted include: a) does the functional element fall outside the scope of the existing operable unit RI/FS (RFI/CMS) process; b) is the element truly a functional item versus a programmatic item; and, c) is there a need to resolve issues or reach consensus decisions within the functional element. It should be noted that functional area working groups should not usurp the authority and responsibility of Operable Unit Managers.

Attachment 2 provides a matrix of existing functional area working groups that are currently constituted with Energy participation, and the key points of contact (POCs) as Energy understands.

Page 2

EPA and Ecology are requested to review the draft protocol and provide your recommendations and comments. The Energy point of contact to jointly develop this protocol is Mr. James D. Goodenough. He may be contacted on (509) 376-7087 for questions or comments.

Sincerely,

R. D. Izatt, Acting Director
Environmental Restoration Division

92127 70902

Attachment 1

**DRAFT PROTOCOL FOR MANAGING FUNCTIONAL ELEMENT WORKING GROUPS
WITHIN THE HANFORD ENVIRONMENTAL RESTORATION PROGRAM**

1. Purpose and Need Statement.
2. Background.
2. Joint Agency Participation.
3. (Other elements to be determined).

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Attachment 2

CONSTITUTED JOINT WORKING GROUP FUNCTIONAL ELEMENTS
HANFORD ENVIRONMENTAL RESTORATION PROGRAM

ER Risk Assessment Methodology			
DOE-RL POC	EPA POC	Ecology POC	Contractor POCs
PH:	PH:	PH:	PH:
Charter:			
Issues:			
Decisions:			
Notes:			

Geophysics Working Group			
DOE-RL POC	EPA POC	Ecology POC	Contractor POCs
A. C. Harris			
PH: (509) 376-4339	PH:	PH:	PH:
Charter:			
Issues:			
Decisions:			
Notes:			

RCRA/CERCLA Integration Working Group			
DOE-RL POC	EPA POC	Ecology POC	Contractor POCs
C. E. Clark R. M. McLeod			
PH: (509) 376-9333 (509) 372-0096	PH:	PH:	PH:
Charter:			
Issues:			
Decisions:			
Notes:			

Technology Development Working Group			
DOE-RL POC	EPA POC	Ecology POC	Contractor POCs
J. D. Goodenough	P. S. Innis		J. G. Woolard
PH: (509) 376-7087	PH: (509) 376-4919	PH:	PH: (509) 376-2539
Charter:			
Issues:			
Decisions:			
Notes:			

Distribution
Unit Manager's Meeting: General Topics
September 23, 1992

DOE (and GSSC to DOE-RL)

- C.E. Clark, RL (A5-15)
- D.L. Clark, RL (A5-55)
- Julie Erickson, RL (A5-19)
- R.D. Freeberg, RL (A5-19)
- Jim Goodenough, RL (A5-19)
- Paul Pak, RL (A5-19)
- Bob Stewart, RL (A5-19)
- Nancy Werdel, RL (A5-19)
- Mike Thompson, RL (A5-15)
- J.M. Hennig, RL (A5-21)
- Mary Harmon, DOE-HQ (EM-442)
- S.E. Clarke, SWEC (A4-35)

EPA (and Contractors/Agencies in Support of EPA)

- Dave Einan, EPA (B5-01)
- Pam Innis, EPA (B5-01)
- Doug Sherwood, EPA (B5-01)
- Dan Duncan, EPA, Region 10, RCRA
- Audree DeAngeles, PRC
- Ward Staubitz, USGS

Ecology (WDOE)

- Larry Goldstein Lacey Office
- Chuck Cline, WDOE Kennewick Office (c/o Darci Teel)
- Lynn Albin Washington Dept. of Health

USACE

- John Stewart, USACE (A5-20)

WHC

- Melvin Adams, WHC (Please route to:) (H4-55)
- Larry Hulstrom WHC (H4-55)
- Wayne Johnson, WHC (H4-55)
- Alan Krug, WHC (H4-55)
- Merl Lauterbach, WHC (H4-55)
- Bob Henckel, WHC (H4-55)
- Rich Carlson, WHC (H4-55)

- Hal Downey, WHC (L4-92)
- Tom Wintczak, WHC (L4-92)
- R.D. Wojtasek, WHC (L4-92)
- L.D. Arnold, WHC (B2-35)

DIANA SICKLE, WHC (L4-92)

- Terri Stewart, PNL (K2-12)
- Don Kane, EMO (K1-74)
- Don Praast, GAO (A1-80)
- R.O. Patt, OR Water Resources Dept.

ADMINISTRATIVE RECORDS: 1100-EM-1, 300-FF-1, 300-FF-5, 200-BP-1, 200-AAMS, 100-AAMS; Care of EDMC, WHC (H4-22). Please inform Suzanne Clarke (SWEC) of deletions or additions to the distribution list.

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