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047830

Meeting Minutes Transmittal/Approval  
Unit Manager's Meeting: Remedial Action and Waste Disposal Unit/Source Operable Unit  
3350 George Washington Way, Room 1B45, Richland, Washington  
February 20, 1997

FROM/APPROVAL: Nancy Werdel/Glenn Goldberg Date 6/5/97  
Nancy Werdel/Glenn Goldberg, 100 Area Unit Managers, RL (H0-12)

APPROVAL: Keith R. Holliday Date 6-4-97  
Wayne Soper/Keith Holliday, 100 Aggregate Area Unit Manager, Ecology (B5-18)

APPROVAL: Dennis Faulk/Kevin Oates Date 6-11-97  
Dennis Faulk/Kevin Oates, 100 Aggregate Area Unit Managers, EPA (B5-01)

APPROVAL: N/A Date \_\_\_\_\_  
Bryan Foley, 200 Area Unit Manager, RL (H0-12)

APPROVAL: N/A Date \_\_\_\_\_  
Gary Freedman/Norman Hepner, 200 Aggregate Area Unit Managers Ecology (B5-18) JOAN BARTZ/SHRI MOHAN

APPROVAL: N/A Date \_\_\_\_\_  
David Einan/Paul Beaver, 200 Area Aggregate Area Unit Managers, EPA (B5-01)

APPROVAL: Robert G. McLeod Date 20-Mar 97  
Robert G. McLeod, 300 Area Unit Manager, RL (H0-12)

APPROVAL: Jeanne Wallace Date 5/21/97  
Jeanne Wallace, 300 Area Aggregated Area Unit Manager WA Dept of Ecology (B5-18)

APPROVAL: David R. Einan Date 20 Mar 97  
David R. Einan, 300 Area Aggregated Unit Manager, EPA (B5-01)

APPROVAL: Ted A. Wooley Date 3/20/97  
Ted A. Wooley, 300 Area Process Trenches Subproject Manager



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

Attachment #1 - Agenda  
Attachment #2 - Attendance Record  
Attachment #3 - Meeting Minutes  
Attachment #4 - Status Package

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Prepared by:

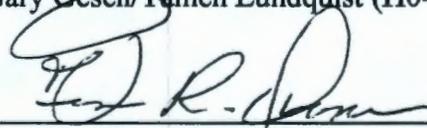


Gary Gesell/Tamen Lundquist (H0-17)

Date

6/23/97

Concurrence by:



Vern Dronen, BHI Remedial Action and Waste Disposal Project Manager  
(H0-17)

Date

6/23/97

047830

**UNIT MANAGERS' MEETING AGENDA**  
**3350 George Washington Way, Room 1B45**  
**February 20, 1997**

**1:00 p.m.    300 Area**

**300 FF-1**

- Status of the Remedial Action Subcontract
- Status of the Independent PE Subcontract
- Remedial Design Report/Remedial Action Work Plan Update

**300-FF-2**

- LFI Report Related
  - 400 Area French Drains
  - 300 Area WATS
- Groundwater Sampling

**2:00 p.m.    100 Area**

- Dismantling of HR-3 Pump and Treat Facility
- 190-C Characterization
- Discuss Replacement of Near-Term UMMs with 100 Area Task Team Meetings

**NOTE:** The 200 Area UMM for the 200-UP-2 will meet on an as-needed basis, per the November 1996 UMM minutes.



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**Unit Managers' Meeting Minutes  
February 20, 1997**

**100 AREA**

**Dismantling of HR-3 Pump and Treat Facility**

A BCP has been approved to prepare a procurement package to dismantle the pump-and-treat test facility. This work will be added to the existing D-Area Soil Wash dismantlement project. The dismantled equipment will either be stored as surplus material, excessed to other DOE projects, disposed on site, or offered to the dismantling subcontractor in exchange for services.

**190-C Characterization**

The characterization is needed to evaluate whether soil beneath the 190-C Building is contaminated before the 190-C Building is demolished. The DQO process, which is focusing on the contaminants of concern and frequency of sample, has been initiated. The EPA will be briefed on the results of the DQO process by providing informational copies of the DQO Summary Report and the final Field Instruction Guide. Soil sampling, to be accomplished by drilling through the concrete floor in the basement, is scheduled for April 1997.

**Discuss Replacement of Near-Term UMMs with 100 Area Task Team Meetings**

The ongoing team meetings regarding 100 Area Record of Decision Strategy and 100/300 Area burial grounds will provide adequate interaction between RL and the regulators. Therefore, there will be no 100 Area UMM for the next few months. A draft *Hanford Federal Facility Agreement and Consent Order* change is being prepared to reflect this decision. The monthly UMMs will resume once the strategy teams complete their assigned tasks this summer.

**300 AREA**

**300-FF-1**

Status of the Remedial Action Subcontract

Additional responses arrived today from the bidders; all responses are due by COB February 20. The plan is to award the contract by the end of February.

### Status of the Independent PE Subcontract

The subcontract bid period was extended due to the delay in the remedial action (RA) subcontract. The extension was implemented to ensure that the Independent PE Subcontract schedule is in sync with the RA subcontract schedule for the process trenches. One issue must be resolved with one of the bidders before the subcontract can be awarded.

### Remedial Design Report (RDR)/Remedial Action Work Plan (RAWP) Update

The RDR/RAWP has been printed and will be submitted (with DQO report and Tri-Party Agreement change request) to EPA and Ecology. A concern with issuing the RDR/RAWP at this time is with DOH, regarding the application of crusting agents on a daily basis and inclusion of DOH-approved air monitoring and control agreements. It was agreed that the project will proceed with issuing the RDR/RAWP and agreements made with DOH regarding air emissions monitoring and controls will be documented separately. Currently, an MOU is being created on this topic addressing jurisdictional issues between EPA and DOH.

### **300-FF-2**

#### LFI Report Related

**400 Area French Drains** - Revised text to address RL comments on the 400 Area french drains and the possible addition of text to address RL concerns relative to the 300 Area WATS system were addressed. The revised text on the 400 Area french drains was provided on February 11 to RL for review, before distribution to the regulators. The LFI report is ready to be issued as soon as agreement on the text for the 400 Area french drains is resolved.

**300 Area WATS** - As a result of several recent meetings on the 300 Area WATS, it now appears that additional text may be inserted into the document at this time, and an NPL Agreement/Change Control Form may also be used.

#### Groundwater Sampling

Groundwater sampling was completed on January 23. The lab data are due mid-March. Field data indicate normal conditions at the time of sampling. The cloudiness and high pH present in samples taken after remediation work were likely an artifact of the remediation work.

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STATUS PACKAGE

UNIT MANAGERS' MEETING - FEBRUARY 1997

SOURCE OPERABLE UNITS

100-B/C, 100-K, 100-D, 100-H, 100-F

200 AREAS

300 AREA

prepared by

DOE-RL

## 100 AREAS

### Assessment Activities

100 Area Record of Decision (ROD) Strategy - Following a January 24, 1997, meeting with Tri-Party senior management, EPA, Ecology, and RL have formed Task Teams to address the 100 Area Remaining Sites ROD Strategy and remediation of 100/300 Area burial grounds. The Remaining Sites Task Team has agreed on a path forward that uses the remove/treat-as-required/dispose alternative as a presumptive remedy, and for screening out "no action" and "nonwaste sites" in coordination with the existing Team addressing revisions to Appendix C of the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement). The burial ground Task Team will discuss ideas to refine baseline assumptions that could reduce cost estimates and alter long-range schedules. The team will also consider ways to evaluate the applicability of remediation alternatives other than remove/treat-as-required/dispose and how the potential advantages/disadvantages could be presented to the public. The Task Teams plan to meet periodically until all work is completed. It is anticipated work will be complete before July 1997.

100 Area Remaining Sites ROD Amendment - On January 15, 1997, a 30-day public comment period ended for a proposed plan that will be used to support an amendment to the September 1995 ROD for the 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units. The proposed plan recommends adding 34 waste sites to the current ROD. Only one (favorable) comment was received. The EPA and Ecology began preparing a Responsiveness Summary and a draft ROD Amendment. The draft amendment was informally submitted to RL for review on February 11, 1997.

190-C Soil Sampling Project - The 190-C Building is scheduled for completion of D&D activity in January 1998. During former reactor operations, radiologically contaminated water flowed from the 105-C Reactor through tunnels leading to the 190-C Building and along trenches in the basement floor. Sludge samples previously collected from the floor trenches indicate that chemical contamination exists in the trenches. The soil sampling project (scheduled to begin in February 1997) will help determine, at a time before the building is demolished in-place, whether soil beneath the basement floor is contaminated with radiological and chemical constituents above the September 1995 ROD cleanup levels. Whether remedial action is needed before completing D&D activities will be based on the sampling results.

## **100, 200, and 300 Area Decant Liquid Disposal**

The final activity needed to complete disposal of the backlog of investigation-derived waste (IDW) is to dispose of the free liquid from decanting operations. Plans are being formulated to dispose of water decanted from IDW at the Treated Effluent Disposal Facilities in the 300 Area and the Effluent Treatment Facility in the 200 Areas. Final approval, briefings with EPA and Ecology, and implementation of an internal RL Memorandum of Understanding are anticipated by late February or early March 1997. Actual disposal is not expected until subfreezing winter temperatures have subsided.

### **100-D Ponds Closure Plan Revision**

A Data Validation was submitted to Ecology during January 1997. Preliminary results indicate that cleanup goals for 100-D Ponds have been achieved. An equivalency demonstration to dispense with postclosure groundwater monitoring will be submitted to Ecology in March or April 1997. Work on revising the 100-D Ponds Closure Plan is ongoing. Ecology's request for deep vadose zone borehole samples has not been resolved.

### **100-B/C-1**

Remedial Action - Excavation of the engineered structure at the 116-C-1 Trench was completed on November 15, 1996. A waste plume extending to the north will also require excavation to meet cleanup standards. Through January, 28,000 tons of soil and scrap steel from the 116-C-5 Retention Basins were excavated. An asbestos-containing wrap was discovered on some of the effluent piping. Revisions to the Remedial Design Report (RDR)/Remedial Action Work Plan (RAWP) and to the SAP have been completed. The cleanup verification package for the 116-B-5 Crib was approved, and the backfill was completed on January 22, 1997.

## **200 AREAS**

### **200-UP-2 Operable Unit**

200-UP-2 FFS - A Tri-Party Agreement change package deleting the FFS and proposed plan for the 200-UP-2 was signed; consequently, this scope was deleted from the Fiscal Year (FY) Work Plan. Some wrap-up activities are being performed to ensure the documentation for the operable unit is complete and reflected appropriately in the Administrative Record.

### **200 Areas Strategy**

The Waste Site Grouping Report was issued Rev. 0 on January 31, 1997. Working meetings are continuing on Tri-Party Agreement change package and public involvement efforts. Presentations to the Results Management Team, EPA, Ecology, RL, and BHI senior management

were made to provide the latest Tri-Party Agreement change package proposal. The Public Involvement Plan is being finalized based on joint RL, EPA, and Ecology direction and will be issued Draft A in mid-February 1997.

### **200-BP-1 Operable Unit**

The barrier testing program continues to provide data on water infiltration, vegetation growth, and biointrusion associated with the Hanford Site Barrier. Because of the increased precipitation over the past 3 months, the need to irrigate the high precipitation side has been reduced. Some run-off has been identified this past month and, as expected, this run-off did not create any erosion due to existing vegetation. The high precipitation has been retained within the storage capacity of the upper soil layers, and no "breakthrough" has occurred.

### **200-BP-11 Operable Unit**

The data quality objective (DQO) meetings for the Tank Waste Remediation System privatization project emergency egress and pipe transfer lines routing across the 216-A-29 Ditch (a treatment, storage, and disposal unit) were finalized. The DQO Summary Report will be issued mid-February, indicating that sampling at two locations will be required.

### **200-IU-3 Operable Unit**

Non-Radioactive Dangerous Waste Landfill (NRDWL) - NRDWL activities are awaiting finalization of solid waste landfill data needs decisions. Field work is anticipated to commence in June 1997.

## **300 AREA**

### **300-FF-1 Operable Unit**

Remedial Action (RA) - Technical and Commercial Review of the Best Revised Offers (BRO) are expected to be completed in late February, with award by the end of February. The bidders are to assume a Notice to Proceed authorization date of April 29, 1997, which will initiate technical and design submittals. Mobilization and construction of the subcontractor's support facilities will occur from mid-June to July 1997. Excavation of contaminated waste will begin in early August 1997.

The Environmental Restoration Contractor (ERC) issued the DQO summary report. The RDR/RAWP is completed, and the schedule has been revised to reflect the delayed start date for remediation. RL will transmit both documents to the regulatory agencies. Attached to the

transmittal memo will be a Tri-Party Agreement Change Control Form, which includes the new proposed 300-FF-1 remedial action milestones.

The bid period for the Independent Registered Professional Engineer was reextended to facilitate completion of the remedial action subcontract and associated schedule.

### **300-FF-2 Operable Unit**

Limited Field Investigation (LFI) Report - Comments from EPA on the redline version and Appendix B modifications were received on January 13 and 16, respectively. A meeting with RL and EPA was held on January 23 to review several minor items. Approval of the dispositions to RL comments on Appendix B modifications were received on January 31. As a result of the January 23 meeting, revised text to address RL comments on the 400 Area french drains and the possible addition of text to address RL concerns relative to the 300 Area WATS system were addressed. The revised text on the 400 Area french drains was provided on February 11 to RL for review, before distribution to the regulators. As a result of several recent meetings on the 300 Area WATS, it now appears that additional text will not be inserted into the document at this time, but rather an NPL Agreement/Change Control Form will be used. The LFI report is ready to be issued as soon as agreement on the text for the 400 Area french drains is resolved.

All planning activities associated with groundwater sampling at wells 699-S6-E4A and 699-13-3A were completed in January. Sampling of the two wells occurred without incident on January 23.

Distribution

Unit Managers' Meeting: Remedial Action Unit/Source Operable Units 047830  
100, 200, and 300 Areas

Nancy Werdel	DOE-RL, RP (H0-12)
Mike Thompson	DOE-RL, RP (H0-12)
Glenn Goldberg	DOE-RL, RP (H0-12)
John Murphy	DOE-RL, RP (H0-12)
Rich Holten	DOE-RL, RP (H0-12)
Bryan Foley	DOE-RL, RP (H0-12)
Robert McLeod	DOE-RL-ERD (H0-12)
Ellen Mattlin	DOE-RL, EAP (A5-15)
Lisa Treichel	DOE-HQ (EM-442)
Steve Balone	DOE-HQ (EM-442)
Dennis Faulk	100 Aggregate Area Manager, EPA (B5-01)
David Einan	EPA (B5-01)
Larry Gadbois	EPA (B5-01)
Phil Staats	100 Aggregate Area Manager, WDOE (B5-18)
Chuck Cline	WDOE (Lacey)
Wayne Soper	WDOE (Kennewick) (B5-18)
Ted Wooley	WDOE (Kennewick) (B5-18)
Joan Bartz	WDOE (Kennewick) (B5-18)
Shri Mohan	WDOE (Kennewick) (B5-18)
David Holland	WDOE (Kennewick) (B5-18)
Keith Holliday	WDOE (Kennewick) (B5-18)
Jeanne Wallace	WDOE (Kennewick) (B5-18)
Lynn Albin	Washington Dept. of Health
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T. M. Wintczak	BHI (H0-11)
Andrea Hopkins	BHI (H9-11)
Tom Page (Please route to:)	PNNL (K9-18)
Cheryl Thornhill	PNNL (K9-14)
Mark Hanson	PNNL (K9-02)
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