

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
September 19, 1996

FROM/APPROVAL: Nancy Werdel Date 10/17/96
Nancy Werdel/Glenn Goldberg, 100 Area Unit Managers, RL (H0-12)

APPROVAL: Keith K. Holliday Date 10-17-96
Wayne Soper/Keith Holliday, 100 Aggregate Area Unit Manager, Ecology (B5-18)

APPROVAL: Larry Hadwin Date 10-17-96
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)

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

APPROVAL: N/A Date _____
Robert G. McLeod, 300 Area Unit Manager, RL (H0-12)

APPROVAL: N/A Date _____
Jeanne Wallace, 300 Area Aggregated Area Unit Manager
WA Dept of Ecology (B5-18)

APPROVAL: N/A Date _____
David R. Einan, 300 Area Aggregated Unit Manager, EPA (B5-01)

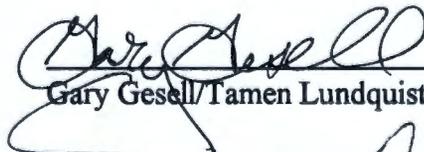
APPROVAL: N/A Date _____
Ted A. Wooley, 300 Area Process Trenches Subproject Manager



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
 - Attachment #5 - TPA Agreement/Change Control
-

Prepared by:



Gary Gesell/Tamen Lundquist (H0-17)

Date

10/22/96

Concurrence by:



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

Date

10/22/96

UNIT MANAGER'S MEETING AGENDA
September 19, 1996

1:00 p.m. 100 Area

- Review and Comment of Meeting Minutes from July and August
- Review and Comment/Discussion of Monthly Status Package
- Investigation-Derived Waste Disposal
 - Report on Status of TPA Milestone M-15-35
 - Signing of TPA Agreement No. 106 on 9/3/96
 - Summary of 116-F-4 Soil Loading/Transport
 - 200-UP-2 IDW WAC
- Summary of 100-D Ponds TSD Sediment Removal
- Status of ROD Amendment for 34 Additional Sites
- Status of Confirmatory Sampling Effort DQO/SAP
- Status of 100-IU-2/6 letter to RL on M-13-00J TPA Milestone
- Status of 26 Waste Site Reclassification Packages Submitted to Regulators
- Future Use of 100-D Area Soil Washing Equipment

2:00 p.m. 100-B/C Area

- Clean up Verification Packages - 116-B-4 and 116-B-5
- Site Backfill - 116-B-5
- Remedial Action Progress and Status
- RDR/RAWP and SAP Revisions

Note: The 200 Area UMM for 200-OU-2 has been canceled for September. Other Operable Units will be integrated with the strategy development team meetings scheduled for September. This meeting cancellation and integration for September is consistent with how the UMM's have been handled over the past 6 months. The 300 Area has been canceled for the September's UMM due to having ongoing DQO meetings and the EPA PM will be on vacation.

**Unit Managers' Meeting Minutes
September 19, 1996**

100 AREAS

Investigation Derived Waste (IDW) Disposal

Report on Status of Tri-Party Agreement Milestone M-15-35

Categories 1 and 3 (no treatment required) have been hauled to the Environmental Restoration Disposal Facility (ERDF). For Categories 2 and 4, containers with solids have been sampled and analyzed for TCLP where necessary, and liquids have been consolidated into separate containers located at the operable unit where the liquid was generated. Bechtel Hanford, Inc. (BHI) has begun loading Category 2 and 4 barrels into transport bins, and all 100 Area IDW will be transported to ERDF by the end of fiscal year (FY) 1996.

Signing of Tri-Party Agreement No. 106 on 9/3/96

This agreement clarifies that (1) water (removed from IDW) does not need to be dispositioned in FY 1996 to meet the *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) milestone, (2) delivery of IDW containers to ERDF satisfies Tri-Party Agreement milestone requirements, and (3) burial at the disposal facility is not required by the end of FY 1996.

Summary of 116-F-4 Soil Loading/Transport

Previously stockpiled soil from the 116-F-4 Pluto Crib treatability test was loaded and transported to ERDF in August 1996. Field observations made during the loading process indicated that the bottom lining material was in excellent condition, contrary to concerns expressed at the July 1996 Unit Managers' Meeting that the bottom lining material may have deteriorated since 1993.

200-UP-2 IDW

All containerized solid waste has been shown to meet ERDF WAC limits and is being loaded into transport bins for shipment to ERDF. The process to assess uranium-238 exceedance for a portion of this shipment was developed by the Tri-Parties through a series of meetings. This process and the associated inventory assessment data sheet will be incorporated into the next version of the ERDF WAC.

Summary of 100-D Ponds TSD Sediment Removal

The treatment, storage, and disposal (TSD) sediment removal was completed in August 1996, as planned. Confirmation samples were collected in accordance with the Sampling and Analysis Plan and are being analyzed in the laboratory. Analytical results are anticipated in mid-October 1996.

Status of ROD Amendment for 34 Additional Sites

The decision document was changed from an explanation of significant difference to a Record of Decision (ROD) amendment. The U.S. Environmental Protection Agency (EPA) has completed their review. The Washington State Department of Ecology (Ecology) is currently reviewing the document (finish by next week) and then to the U.S. Department of Energy, Richland Operations Office (RL) for review.

Status of Confirmatory Sampling Effort DQO/SAP

The regulators are currently reviewing the draft Sampling and Analysis Plan (SAP). Dennis Faulk and Larry Gadbois have prepared comments and will present them at the next data quality objective meeting, scheduled for October 1, 1996. The regulators are concerned that the proposed field-screening techniques (used as a guide to help make decisions) will not be adequate to verify compliance with some of the MTCA B levels.

Status of 100-IU-2/6 Letter to RL on M-13-00J Tri-Party Agreement Milestone

- A letter will not be provided by EPA about meeting the milestone.
- RL will submit the revised focus package to EPA and Ecology with a transmittal letter stating that the original submittal in March 1996 met the M-13-00J Milestone and that the document outlines RL's plan to meet the M-15-00A Milestone in 1999.

Status of 26 Waste Site Reclassification (WSR) Packages Submitted to Regulators

- Ecology needs to review the sites and indicated that, following cursory review, two WSR packages may need additional information to support reclassification. No one at EPA is reviewing the WSR packages.

- There was a discussion regarding Appendix C of the Tri-Party Agreement relative to what is in or out of the National Priorities List (NPL) and what is the official listing of waste sites for the Hanford Site. The Waste Information Data System contains the current status of waste sites (per the Tri-Party Agreement); however, Appendix C and the database are not consistent. There will be follow-on discussions to reach agreement on a course of action.

Future Use of 100-D Area Soil Washing Equipment

A need no longer exists for this equipment. The equipment is currently being inventoried to see what can be done with it; EPA and Ecology gave their approval to proceed with dismantlement.

9613503.2596

038613

STATUS PACKAGE

UNIT MANAGERS' MEETING - SEPTEMBER 1996

SOURCE OPERABLE UNITS

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

200 AREAS

300 AREA

prepared by

DOE-RL

100 AREAS

Focused Feasibility Studies and Proposed Plans

100 Area Remaining Sites - The Group A Explanation of Significant Difference (ESD) that adds 34 radioactive liquid waste disposal sites to the existing 100 Areas Record of Decision (ROD) was reviewed with the U.S. Environmental Protection Agency (EPA) and the Washington State Department of Ecology (Ecology) on August 27, 1996. This resulted in modifications and revised cost estimates. The EPA subsequently notified the U.S. Department of Energy, Richland Operations Office (RL) that an ESD is not appropriate for the type of changes being advanced, and that a ROD amendment will be required instead. RL is working with the agencies to revise the Group A ESD into an amendment format. Work on ESD-B has begun, but will not be completed until information on format and content is available from the ROD amendment (formerly ESD-A).

Confirmatory Sampling Effort (CSE) - Data quality objective (DQO) meetings occurred during August 1996 to lay groundwork for a Sampling and Analysis Plan (SAP). The CSE SAP will be derived from the 100-BC-1 SAP. RL intends to provide the regulatory agencies with a draft SAP for review in September 1996.

100-IU-1/100-IU-3/100-IU-4/100-IU-5 PP - In a letter dated August 28, 1996, EPA closed out the bioremediation of diesel-contaminated soil from 100-IU-1 that is stockpiled at 100-B/C.

100-IU-2 and 100-IU-6 - RL has proceeded with revisions to the Focus Package agreed upon with EPA during a July 16, 1996, meeting. The document is planned to be finalized in September 1996. RL has requested EPA to provide a letter concurring that the December 31, 1996, *Hanford Federal Facility Agreement and Consent Order* (Tri-Party Agreement) milestone to submit "planning documents" has been met with the original submittal of the Focus Package to EPA in March 1996. The issue of how potential groundwater contamination originating from 100-IU-2 waste sites has arisen and will require some discussion among agency unit managers to resolve.

100-KR-1/100-KR-2/100-FR-1/100-FR-2/100-BC-2 - Work has been suspended on focus feasibility studies (FFS) and proposed plans (PP) for these operable units (OU) since receiving a letter from EPA (October 20, 1995) requesting RL to stop work on these documents. The request to stop work was made in anticipation of reaching a Tri-Party Agreement in the near future to address remaining waste sites in the 100 Areas on a 100-Area-wide basis, rather than on an OU-specific basis. Liquid waste disposal sites located in these OUs have been included in the ESDs (discussed above). The issue of how to correct information given to the public in prior work plans must be addressed.

100-DR-2/100-HR-2 - Work has been suspended on FFSs and PPs for these OUs since receiving a letter from Ecology (November 29, 1995) requesting RL to stop work on these documents. The request to stop work was made in anticipation of reaching a Tri-Party Agreement in the near

future to address remaining waste sites in the 100 Areas on a 100-Area-wide basis, rather than on an OU-specific basis. Liquid waste disposal sites located in these OUs have been included in the ESDs (discussed above).

Waste Site Reclassification Project

RL has submitted documentation for 26 waste sites that have high potential for reclassification in the waste information database system. RL has requested EPA and Ecology to review the information packages and associated approval forms.

100-B/C-1

Remedial Action - Remedial action commenced on July 1, 1996, by removing a portion of the 116-B-4 soil. Excavation of 116-C-1 soil began on July 15, 1996, with a planned completion date of September 30, 1996. Progress has been slowed due to mechanical problems with the subcontractor's haul trucks. More than 14,000 tons of waste have been excavated and shipped to the Environmental Restoration Disposal Facility (ERDF). Revisions to the Remedial Design Report (RDR)/Remedial Action Work Plan (RAWP) and to the SAP have been completed.

100-D Ponds

Field activities to remove contaminated sediments from 100-D Ponds concluded on August 17, 1996. The removed sediments were disposed of in the low-level waste burial grounds located in the 200 Areas. Cleanup criteria were established in a DQO Final Report (BHI-00773). A final SAP (incorporating responses to Ecology technical review comments) was accepted by Ecology on August 20, 1996, and verification sampling was completed by RL on August 21, 1996. Analytical results are expected in October 1996.

Investigation Derived Waste (IDW)

With the approval of the ERDF ESD on August 2, 1996, plans are underway to ship the remaining containers of IDW during August and September 1996. Following discussions with EPA staff, it was determined that solidification of free liquids in drums is not consistent with waste minimization initiatives. As a result, it has been agreed to separate water from any residual solids in the IDW containers and handle each separately. The solid fraction will be treated to solidify any remaining free liquid (by adding stabilizer that chemically binds the free liquid), and the water generated would be stored for use either as a dust control agent within the OU from which it was generated, or addressed through another formally agreed-upon disposition. The solidified material would then be disposed in ERDF.

200 AREAS

200-UP-2 Operable Unit

200-UP-2 FFS - Ecology comments on the 200-UP-2 FFS and Proposed Plan are expected in the near future. A standalone closure plan is anticipated to be needed based on Ecology review comments.

200 Areas Strategy

The 200 Areas Strategy Document will be issued Rev. 0, incorporating regulator and RL comments. The Technical Document is being developed and will be issued to the team (by RL) on September 16, 1996. Working meetings are continuing on Tri-Party Agreement change package and public involvement efforts.

200-BP-1 Operable Unit

The barrier testing program continues to provide data on water infiltration, vegetation growth, and bio-intrusion associated with the Hanford Site Barrier. Additional asphalt testing has been scoped for FY 1997.

200-BP-11 Operable Unit

The Tank Waste Remediation System privatization project has a need for emergency egress and pipe transfer lines routing across the 216-A-29 Ditch. This waste site is a treatment, storage, and disposal unit, and requirements for this activity need to be developed.

300 AREA

300-FF-1 Operable Unit

Remedial Design/Action - The remedial action Request for Proposal (RFP) was issued to 16 bidders on August 1, 1996. The preproposal meeting was held on August 14, 1996. Responses have been prepared to questions submitted by the bidders on the RFP. Bids are due back for commercial and technical evaluation on September 18, 1996.

The RDR/RAWP was submitted by RL to EPA and Ecology on August 12, 1996. Comments are due back on September 11, 1996.

Activities to set up the Environmental Restoration Contractor remedial action support facilities at the 300-FF-1 Operable Unit are underway. These facilities include communications, water, electrical utilities, office trailers, access road, and parking lot. Plans are to complete construction of these facilities and have them ready for occupancy by October 4, 1996.

300-FF-2 Operable Unit

Limited Field Investigation (LFI) Report - Meetings were held with RL and HQ reviewers on August 6 and 21, 1996, respectively, to discuss comment resolutions and to finalize any remaining issues associated with the 300-FF-2 report (decisional draft). Based on the resolution of comments, the document was reformatted and all comments were incorporated. Draft A was provided to RL on August 23, 1996. Comments were received on August 29, 1996, and discussed on August 30, 1996. The document was transmitted to RL on September 6, 1996, and supports the Tri-Party Agreement milestone (M-15-23A) for initiation of the regulatory review cycle by September 30, 1996.

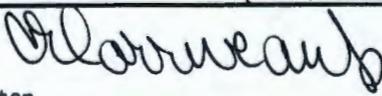
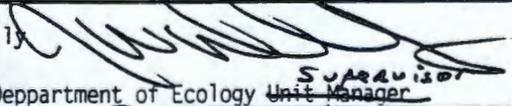
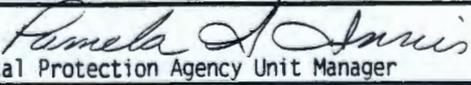
Groundwater Sampling - A baseline change proposal to remediate/upgrade well 699-S6-E4A and subsequent sampling was approved by Bechtel Hanford, Inc. and subsequently approved by the Results Management Team on August 13, 1996. The necessary paperwork (i.e., health and safety plans, description of work, etc.) has been completed. Because of work priorities in the 100 Areas and drilling resource limitations, the projected initiation of field activities has been delayed from September 9 to September 18, 1996.

300-FF-5 Operable Unit

The Operation and Maintenance Plan was submitted by RL to EPA and Ecology on August 12, 1996. Comments are due back on September 11, 1996.

9613503.2601

038613

Control Number: 106	100 TPA Agreement/Change Control Form __ Change <input checked="" type="checkbox"/> Agreement __ Information Operable Unit(s):	Date Submitted: September 3, 1996 Date Approved:
Document Number and Title: IDW Disposal		Date Document Last Issued:
Originator: C. E. Corriveau		Phone: (509) 372-9565
<p>Summary Description: Tri-Party Agreement M-15-35 milestone requires that investigation derived waste (IDW) currently stored in B/C, D and H areas be disposed in environmental restoration disposal facility (ERDF) by September 30, 1996. There are currently approximately 80 drums of IDW that contain decontamination water and water from the saturated zone of bore holes. Because these drums contain free liquids, they do not meet the waste acceptance criteria (WAC) for the ERDF. A meeting to discuss the proper way of handling these drums was held on August 12, 1996.</p> <p>Resolution: Solidification of the water with subsequent disposal in ERDF is not acceptable because it is not good waste minimization practice. The preferred alternative is to separate the water from the residual soil and handle each separately. The soil fraction would be treated to solidify any residual free liquid (by adding an absorbent that chemically binds the free liquid) and the water would be stored for use either as a dust control agent within the operable unit from which it was generated, or addressed through another formally agreed upon disposition. The solidified soil fraction would then be disposed in ERDF. If these conditions are met by September 30, 1996, the intent of the Tri-Party Agreement M-15-35 milestone will be met. "Disposal of IDW to ERDF" is defined as delivery of solid waste material to the receiving area at ERDF; it does not require that the material also be buried at the disposal facility by that date.</p>		
Justification: This agreement will allow the disposal of the solid IDW while minimizing waste.		
C. E. Corriveau, Jr. BHI Assessment Coordinator		Date 9/3/96
G. I. Goldberg DOE/RL Unit Manager		Date 9/3/96
J. W. Donnelly Washington Department of Ecology Unit Manager	 SUPERVISOR	Date 9/3/96
P. S. Innis U.S. Environmental Protection Agency Unit Manager		Date 09/03/96

**Unit Managers' Meeting: Remedial Action Unit/Source Operable Units
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)
Paul Beaver	EPA (B5-01)
Larry Gadbois	EPA (B5-01)
Kevin Oates	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)
Gary Freedman	WDOE (Kennewick) (B5-18)
Norman Hepner	WDOE (Kennewick) (B5-18)
David Holland	WDOE (Kennewick) (B5-18)
Keith Holliday	WDOE (Kennewick) (B5-18)
Lynn Albin	Washington Dept. of Health
V. R. Dronen	(H0-17)
G. O. Gesell	(H0-17)
T. L. Lundquist	(H0-17)
J. R. James	(H0-17)
G. E. Van Sickle	(H0-17)
G. B. Mitchem	(H0-17)
C. R. Johnson	(H0-17)
R. A. Carlson	(H0-17)
L. C. Hulstrom	(H9-11)
M. J. Galgoul	(H9-12)
Alvina Goforth	BHI DIS (H0-09) Kay Kimmel MAC (B1-42)
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)
Steve Slate	PNNL (K9-14)

Please inform Tamen Lundquist (372-9562) of BHI
of deletions or additions to the distribution list. Attachment #1