

## Meeting Minutes

## Inter Agency Management Integration Team (IAMIT)

EPA Conference Room  
712 Swift Blvd., Richland  
June 23, 1998

Appvl.: *John Kinzer* Date: 7/28/98

Jackson E. Kinzer, RL (S7-50)  
IAMIT Representative

Appvl.: *Douglas R. Sherwood* Date: 7/28/98

Douglas R. Sherwood, EPA (B5-01)  
IAMIT Representative

Appvl.: *Michael A. Wilson* Date: 7/28/98

Michael A. Wilson, Ecology (B5-18)  
IAMIT Representative

Prepared by

Appvl.: *Larry D. Arnold* Date: 7/28/98

Larry D. Arnold (H8-67)  
Fluor Daniel Hanford, Inc.



## Distribution

Arnold, L. D.	FDH	H8-67	Rasmussen, J. E.	RL	A5-15
Bisping, R.	FDH	N1-26	Sanders, G. H.	RL	A5-15*
Blazek, M. L.	ODOE	Oregon	Sherwood, D. R.	EPA	B5-01*
Corriveau, C.	BHI	H0-17	Shoup, R. L.	FDH	H8-67
Goldberg, G.	RL	H0-12	Skinnarland, R.	Ecology	B5-18
Hajner, R. S.	BHI	H0-11	Soper, W.	Ecology	B5-18
Harmon, M.	DOE-HQ		Wilson, M. A.	Ecology	B5-18
Holten, R.	RL	H0-12	Yerxa, J. K.	RL	A5-15
Kinmark, J. M.	Ecology	B5-18	Yokel, J.	Ecology	B5-18
Kinzer, J.	RL	S7-50	EDMC		H6-08
Morrison, R. D.	FDH	H8-67			

\* W/Attachments

IAMIT06.23

## 6.5 QUALITY ASSURANCE

The level of quality assurance and quality control (QA/QC) for the collection, preservation, transportation, and analysis of each sample which is required for implementation of this Agreement shall be dependent upon the data quality objectives for the sample. Such data quality objectives shall be specified in RCRA closure plans, the RCRA permit, and other relevant plans that may be used to describe sampling and analyses at RCRA TSD units.

The QA/QC requirements shall range from those necessary for non-laboratory field screening activities to those necessary to support a comprehensive laboratory analysis that will be used in final decision-making. This range of QA/QC options is included in the "Data Quality Strategy for Hanford Site Characterization" (as listed in Appendix F). This document is subject to approval by EPA and Ecology.

Based upon the data quality objectives, the DOE shall comply with EPA guidance documents for QA/QC and sampling and analysis activities, which are taken to implement the Agreement. Such guidance includes:

"Guidance for the Data Quality Objectives Process" (EPA QA/G-4, Final September 1994);

EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations (EPA QA/R-5, Interim Final, January 1994); and

"Guidelines and Specifications for Preparing Quality Assurance Program Plans" (QAMS-004/80);

"Interim Guidance and Specifications for Preparing Quality Assurance Project Plans" (QAMS-005/80);

"Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003 and 004); and

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (EPA/SW-846).

In some instances, RCRA TSD units are included in operable units and are scheduled for investigation and closure as part of the operable unit remedial action. DOE shall follow the provisions of Section 7.8 for QA/QC for sampling and analysis activities at these land disposal units.

In regard to QA requirements for construction for RCRA land disposal facilities, DOE shall comply with "Technical Guidance Document: Construction Quality Assurance for Land Disposal Facilities" (EPA/530-SW-86-031).

~~For analytical chemistry and radiological laboratories, the QA/QC plans must include the elements listed in "Guidance on Preparation of Laboratory Quality Assurance Plans" (as listed in appendix). DOE shall submit laboratory QA/QC plans to the lead regulatory agency for review as secondary documents prior to use of that laboratory. In the event that DOE fails to demonstrate to the lead regulatory agency that data generated pursuant to this Agreement was obtained in accordance with the QA/QC requirements of this section, including laboratory QA/QC plans, DOE shall repeat sampling or analysis as required by the lead regulatory agency. Such action by the lead regulatory agency shall not preclude any other action which may be taken pursuant to this Agreement. For other data, the lead regulatory agency may request DOE to provide QA/QC documentation. Any such data that does not meet the QA/QC standard required by this section shall be clearly flagged and noted to indicate this fact.~~

## 7.8 QUALITY ASSURANCE

The level of quality assurance and quality control (QA/QC) for the collection, preservation, transportation, and analysis of each sample which is required for implementation of this Agreement shall be dependent upon the data quality objectives for the sample. Such data quality objectives shall be specified in RI/FS or RFI/CMS work plans or in other work plans that may be used to describe sampling and analyses at CERCLA or RCRA past-practice units.

The QA/QC requirements shall range from those necessary for non-laboratory field screening activities to those necessary to support a comprehensive laboratory analysis that will be used in final decision-making. ~~This range of QA/QC options is included in the "Data Quality Strategy for Hanford Site Characterization" (as listed in Appendix F). This document is subject to approval by EPA and Ecology.~~

Based upon the data quality objectives, the DOE shall comply with EPA guidance documents for QA/QC and sampling and analysis activities which are taken to implement the Agreement. Such guidance includes:

Guidance for the Data Quality Objectives Process (EPA QA/G-4, Final, September 1994); and

EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations (EPA QA/R-5, Interim Final, January 1994);

~~"Guidelines and Specifications for Preparing Quality Assurance Program Plans" (QAMS-004/80);~~

~~"Interim Guidance and Specifications for Preparing Quality Assurance Project Plans" (QAMS-005/80); and~~

- ~~"Data Quality Objectives for Remedial Response Activities" (EPA/540/G-87/003 and 004).~~

In regard to quality assurance requirements for construction of land disposal facilities, DOE shall comply with "Technical Guidance Document: Construction Quality Assurance for Land Disposal Facilities" (EPA/530-SW-86-031).

~~For analytical chemistry and radiological laboratories, the QA/QC plans must include the elements listed in "Guidance on Preparation of Laboratory Quality Assurance Plans" (as listed in appendix F). DOE shall submit laboratory QA/QC plans to EPA and Ecology for review as secondary documents prior to use of that laboratory. In the event that DOE fails to demonstrate to the lead regulatory~~

agency that data generated pursuant to this Agreement was obtained in accordance with the QA/QC requirements of this section, including laboratory QA/QC plans, DOE shall repeat sampling or analysis as required by the lead regulatory agency. Such action by the lead regulatory agency shall not preclude any other action which may be taken pursuant to this Agreement. For other data, the lead regulatory agency may request DOE to provide QA/QC documentation. Any such data that does not meet the QA/QC standards required by this section shall be clearly flagged and noted to indicate this fact.







<b>Change Number</b> M-15-98-02	<b>Federal Facility Agreement and Consent Order</b> <b>Change Control Form</b> <small>Do not use blue ink. Type or print using black ink.</small>	<b>Date</b> June 3, 1998
<b>Originator</b> R. G. McLeod DOE/RICHLAND OPERATIONS-ENVIRONMENTAL RESTORATION PROJECT		<b>Phone</b> (509) 372-0096
<b>Class of Change</b> <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
<b>Change Title</b> Revision to Milestone M-15-23B for the 300-FF-2 Operable Unit		
<b>Description/Justification of Change</b> <p>Change the date for milestone M-15-23-B, "Submit the 300-FF-2 operable unit FFS and PP for regulator review" from July 31, 1999 to November 30, 1999.</p> <p>The 300-FF-2 Limited Field Investigation (LFI) report (DOE/RL-96-42) assumed that waste sites that were near or under active facilities (TSD or other) would be deferred until such time as characterization activities could be coordinated with D&amp;D and RCRA activities. This would result in additional LFIs, and subsequent records of decision (RODs), in the future. Based on these assumptions the scope of the Focused Feasibility Study (FFS) and Proposed Plan (PP) was limited to approximately 40 waste sites that had been addressed in the LFI report, out of a total of about 415 waste sites that comprise the entire 300-FF-2 Operable Unit.</p> <p>Recent discussions have concluded that all known 300-FF-2 wastes sites will be included in the FFS and PP so that only one ROD will be necessary. With the inclusion of the additional waste sites, four additional months are needed to complete the documents.</p> <p>Waste sites that have been accepted into the WIDS database through October 1, 1998, will form the basis for the sites to be addressed in the FFS and PP. Any sites identified subsequent to this will be addressed in a manner that will be agreed to by the regulators and DOE/RL. The information contained in WIDS or other readily available sources will form the information base for the FFS and PP.</p> <p>The FFS and PP will be similar in approach, level of detail, and format to counterpart 100 Area Remaining Sites project documents, including the waste site categorization process. For those 300 Area WIDS waste sites where LFI or other data are not available to finalize the nature and extent of contamination, the observational approach will be mandated in the FFS and PP, to obtain the necessary waste site information. Such additional site characterization will generally occur after the record of decision has been signed.</p> <p>Satisfactory completion of this milestone will also suffice to complete milestone M-15-00B, "Complete all 300 Area operable unit pre-ROD site investigations under approved work plan schedules" which is scheduled for December 31, 1999.</p> <p>Modify target date for M-15-23B (<del>strikethrough</del> indicates text to be removed, <b>shading</b> indicates text to be added)</p> <p>M-15-23B      Submit the 300-FF-2 Focused Feasibility Study Report (FFS) and Proposed Plan for Regulator Review.      <b>7/31/99</b></p>		
<b>Impact of Change</b> Including more information in the documents will lengthen their preparation time (and the milestone) by four months.		
<b>Affected Documents</b> Hanford Federal Facility Agreement and Consent Order Action Plan.		
<b>Approvals</b>		
_____ DOE	_____ Date	_____ Approved _____ Disapproved
_____ EPA	_____ Date	_____ Approved _____ Disapproved
_____ Ecology	_____ Date	_____ Approved _____ Disapproved



<b>Change Number</b> M-16-98-03	<b>Federal Facility Agreement and Consent Order Change Control Form</b> <small>Do not use blue ink. Type or print using black ink.</small>	<b>Date</b> June 18, 1998
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<b>Originator</b> G. I. Goldberg DOE/RICHLAND OPERATIONS-ENVIRONMENTAL RESTORATION PROJECT	<b>Phone</b> (509) 376-9552
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<b>Class of Change</b> <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager
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**Change Title**  
Extend target dates for M-16-07B, M-16-08B, and M-16-26B. Establish milestones for 100-FR-1, 100-FR-2, 100-HR-1, and 100-KR-1 remediation.

**Description/Justification of Change**  
In FY96 interim milestones were established for Remediation and Backfill of the original 37 liquid waste sites listed in the 100 Area ROD in the 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units (OU's). The predicted volumes of contaminated material at 100-BC-1 and 100-DR-1 have increased substantially and the 100 Area ROD had been amended to include additional liquid waste sites in 100-BC-1, 100-DR-1, and 100-HR-1, plus sites in 100-BC-2, 100-DR-2, 100-FR-1, 100-FR-2 and 100-KR-1, requiring the existing interim milestones to be modified and the target dates to be extended to include the additional scope of work. In addition new interim milestones are being established for completion of liquid waste site remediation for 100-HR-1 and initiation/ completion of liquid waste site remediation for 100-FR-1 and 100-FR-2. A new interim milestone is established to initiate waste site cleanup at 100-KR-1 OU.

Modify target dates for M-16-07B, M-16-08B, and M-16-26B, add M-16-26C, M-16-13A, M-16-13B, and M-16-10A (strikethrough indicates text to be removed, shading indicates text to be added)

M-16-08B	Complete Remediation and Backfill of 15 <del>19</del> Liquid Waste Sites and Process Effluent Pipelines in the 100-BC-1 and 100-BC-2 Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area.	1/31/99 <del>9/30/99</del>
<del>M-16-13A</del>	<del>Initiate Remedial Action in the 100-FR-1 Operable Unit</del>	<del>1/31/00</del>
M-16-07B	Complete Remediation and Backfill of 15 <del>22</del> Liquid Waste Sites and Process Effluent Pipelines in the 100-DR-1 and 100-DR-2 Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area.	9/30/99 <del>9/30/00</del>

**Impact of Change**  
Contaminated volumes have increased from the time the milestones were established, while the rate of remediation (250,000 more tons to ERDF by the end of FY98) have also increased. The addition of the 100 Area ROD Amendment sites to the milestones will ensure all liquid waste sites are remediated prior to demobilization from an Operable Unit.

**Affected Documents**  
Hanford Federal Facility Agreement and Consent Order Action Plan

<b>Approvals</b>	Page 1 of 2
_____ Date _____ Approved _____ Disapproved	
DOE	
_____ Date _____ Approved _____ Disapproved	
EPA	
_____ Date _____ Approved _____ Disapproved	
Ecology	



M-16-26B	Complete Remediation, Backfill, and Revegetation of 37 [redacted] Waste Sites and [redacted] Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area.	10/31/00
M-16-26B	Complete Remediation, Backfill, and Revegetation of 37 [redacted] Waste Sites and [redacted] Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area.	10/31/00
M-16-26B	Complete Remediation, Backfill, and Revegetation of 37 [redacted] Waste Sites and [redacted] Operable Units as defined in the Remedial Design Report/Remedial Action Work Plan for the 100 Area.	10/31/00

<b>Change Number</b> M-16-98-04	<b>Federal Facility Agreement and Consent Order</b> <b>Change Control Form</b> <small>Do not use blue ink. Type or print using black ink.</small>	<b>Date</b> May 20, 1998
<b>Originator</b> O. Robertson DOE/RICHLAND OPERATIONS-ENVIRONMENTAL RESTORATION PROJECT		<b>Phone</b> (509) 373-6295
<b>Class of Change</b> <input type="checkbox"/> I - Signatories <input checked="" type="checkbox"/> II - Executive Manager <input type="checkbox"/> III - Project Manager		
<b>Change Title</b> Establish interim milestones for initiation of excavation associated with ERDF cells 3 & 4 construction and completion of construction and readiness to accept waste in cells 3 & 4.		
<b>Description/Justification of Change</b>		
M-16-92A	Initiate excavation associated with ERDF cells 3 & 4 Construction	9/30/98
M-16-92B	ERDF cells 3 & 4 ready to accept remediation waste	12/31/99
<b>Impact of Change</b> These milestones represent initiation of excavation for construction and completion of cells 3 & 4 at ERDF.		
<b>Affected Documents</b> Hanford Federal Facility Agreement and Consent Order Action Plan		
<b>Approvals</b>		
_____	Date _____	_____ Approved _____ Disapproved
DOE		
_____	Date _____	_____ Approved _____ Disapproved
EPA		
_____	Date _____	_____ Approved _____ Disapproved
Ecology		





**AGENDA  
INTER AGENCY MANAGEMENT INTEGRATION TEAM (IAMIT)  
MEETING**

**June 23, 1998  
1:00 PM - 1:30 PM**

**EPA CONFERENCE ROOM  
712 SWIFT BLVD., SUITE 5**

**(CHAIRPERSON: D. R. SHERWOOD)**

**1:00 pm INTRODUCTION OF DR. ROBERT SHOUP (FDH-ES&H) TO THE IAMIT  
(R. Shoup)**

**1:10 pm PRESENT FINAL DRAFT OF QUALITY ASSURANCE CHANGES TO THE  
TRI-PARTY AGREEMENT (J. Yokel)**

**1:20 pm APPROVAL OF TRI-PARTY AGREEMENT CHANGE REQUESTS**

- M-15-98-02 Revise 300-FF-2 milestone
- M-16-98-03 Establish 100-FR-1, FR-2 milestones
- M-16-98-04 Establish ERDF expansion milestones
  
- M-16-98-02 Revise 100-HR-1 interim milestone

**1:30 pm ADJOURN**

*Inter Agency Management Integration Team*

EPA Conference Room

712 Swift Blvd., Richland

June 23, 1998

1. Dr. Robert Shoup, Vice President of FDH/ES&H presented his background and objectives on Tri-Party Agreement matters.
2. The DOE, EPA and Ecology IAMIT members approved the following Tri-Party Agreement Change Requests:
  - M-15-98-02 - "Revision to Milestone M-15-23B for the 300-FF-2 Operable Unit."
  - M-16-98-02 - "Extend milestone date M-16-26A."
  - M-16-98-03 - "Extend milestone dates for M-16-07B, M-16-08B, and M-16-26B. Establish milestones for 100-FR-1, 100-FR-2, 100-HR-1, and 100-KR-1 remediation."
  - M-16-98-04 - "Establish interim milestones for initiation of excavation associated with ERDF cells 3 and 4 construction and completion of construction and readiness to accept waste in cells 3 and 4."
3. The IAMIT discussed the reprinting of the Tri-Party Agreement. It was decided that the updating and reprinting of the hard copy of the Tri-Party Agreement should wait until the end of July in anticipation of approval of a major revision of Appendix C at the July 28, 1998 IAMIT meeting.
4. M. Harmon of DOE-HQ requested 50 copies of the new Tri-Party Agreement when it is reprinted.

ATTENDEES

INTER AGENCY MANAGEMENT INTEGRATION TEAM (IAMIT) MEETING

DATE: 6/23/98

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
<u>Larry D. Gennel</u>	<u>NOH-TPAI</u>	<u>48-67</u>	
<u>George H. Sanders</u>	<u>DOE-RL</u>	<u>A5-15</u>	<input checked="" type="checkbox"/>
<u>Ron Skimrod</u>	<u>Ecology</u>		
<u>Jackson Knig</u>	<u>DOE-RL-TWRS</u>		
<u>MARY HARMON</u>	<u>DOE-HQ-EM40</u>		
<u>Doug Sherwood</u>	<u>EPA</u>		
<u>Jim Resmussen</u>	<u>DOE/ESH/EAP</u>	<u>A5-15</u>	
<u>JON YERYA</u>	<u>DOE-EAP</u>	<u>A5-15</u>	
<u>Glenn Goldberg</u>	<u>DOE-ER</u>		
<u>Rich Holtan</u>	<u>DOE-ER</u>		
<u>Russ Bisping</u>	<u>DOE FDH-PD</u>		
<u>Janet Yoken</u>	<u>Ecology</u>		
<u>Wayne Soper</u>	<u>Ecology</u>		
<u>R. SCOTT HAJNER</u>	<u>BHI</u>	<u>H0-11</u>	



