

Meeting Minutes
Tri-Party Agreement Milestone Review Meeting
EPA Conference Room
September 23, 1997

Appvl.: Jackson Kinzer Date: 10-28-97
Jackson E. Kinzer, RL
IAMIT Representative

Appvl.: Michael A. Wilson Date: 10/28/97
Michael Wilson, Ecology
IAMIT Representative

Appvl.: Douglas R. Sherwood Date: 10/28/97
Doug Sherwood, EPA
IAMIT Representative

Prepared by Terry W. Noland Date: 10/28/97
Appvl.: Larry D. Causel
for Terry W. Noland
Fluor Daniel Hanford, Inc.

Distribution

Arnold, L. D.	FDH	G3-27	Noland, T. W.	FDH	G3-27
Baker, T. L.	WMH	H6-06*	Ruck, F. A.	FDH	H6-23
Bazzell, K. D.	RL	S7-55*	Sanders, G. H.	RL	A5-15*
Black, D. G.	WMH	H6-20*	Sautter, S. P.	ODOE	*
Brown, W. R.	FDH	G3-27	625 Marion N.E. Salem, OR 97310		
Cusack, L. J.	Ecology	B5-18	Selby, M. A.	Ecology	B5-18*
Gordon, R. M.	RL	S7-55	Sherwood, A. R.	WMH	H6-26
Guercia, R. F.	RL	S7-55*	Sherwood, D. R.	EPA	B5-01*
Heggen, R. V.	Ecology	B5-18	Skinnarland, R.	Ecology	B5-18*
Huckaby, A. D.	Ecology	B5-18	Stanley, R.	Ecology	B5-18*
Jackson, D. E.	RL	A5-14	Teynor, T. K.	RL	S7-55*
Jaraysi, M. N.	Ecology	B5-18*	Waring, J. J.	RL	S7-55
Kinzer, J. E.	RL	S7-50*	Wilson, M. A.	Ecology	B5-18*
Mattlin, E. M.	RL	A5-15	Wooley, T. A.	Ecology	B5-18
Miera, F. R.	RL	A5-15*	Yerxa, J. K.	RL	A7-75
Morrison, R. D.	FDH	G3-27*	EDMC		H6-08*

* W/Attachments



MTLSTN09.23

Meeting Minutes
TPA Milestone Review Meeting
EPA Conference Room
September 23, 1997

1. Approval of Minutes

The minutes of the August 26, 1997 TPA Milestone Review Meeting were approved by Messrs. Kinzer, Wilson and Sherwood.

2. M-26-01 - Land Disposal Restrictions (LDR) Annual Report

Rudy Guercia, DOE-RL presented the status of the LDR Annual Report (Attachment 1). Moses Jaraysi, Ecology summarized Ecology's comments on the report (Attachment 2). A meeting is scheduled for September 25, 1997 to discuss and address Ecology's comments on the 1997 report.

3. M-19-00 - WRAP II and M-91-00 - Acquisition of Facilities for Treatment, Storage and Disposal of TRU/TRUM, LLMW and GTC3

Rudy Guercia presented the status of the M-19-00 and M-91-00 milestones (Attachment 3). Actions associated with presentation were as follows:

Action: Rudy Guercia to provide Moses Jaraysi with the date that the Macroencapsulation Performance Report will be submitted.

Action: Tom Baker, WMH to provide Laura Cusack, Ecology the specifications for the Macro-Secure boxes.

4. M-20-00 - Part B and Closure Plans

Ellen Mattlin, DOE-RL presented the status for Permits and Closure Plans (Attachment 4). The presentation included the last six month accomplishments and the next six month planned actions. Actions associated with presentation were as follows:

Action: Ellen Mattlin to contact PNNL regarding the necessary regulatory requirements for the PCB destruction research being done on K-basins sludge.

Action: Ellen Mattlin to review vitrification vendor permit activities and assign resources to properly coordinate.

5. M-32-00 - Complete Identified Dangerous Waste Tank Corrective Actions

Roger Gordon, DOE-RL presented the status on the 219-S actions, M-32-02 (Attachment 5, Pages 6-8). Rudy Guercia reported on the T-Plant actions, M-32-03 (Attachment 5, Pages 9-11). Ana Sherwood, WMH stated that the Double Shell Tank actions would not be discussed due to the ongoing partnering efforts between Ecology and DOE-RL on tank integrity

issues. Doug Sherwood, EPA and Laura Cusack had concerns that the TWRS related M-32 Milestones were not presented.

Action: Include TWRS M-32 milestone presentation at the TWRS milestone review meeting scheduled for next month.

ATTENDEES

TPA MILESTONE REVIEW

DATE: 9/23/97

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
✓ <u>Terry Noland</u>	<u>FDH/TPAI</u>	<u>G3-27</u>	
✓ <u>George H. Sanders</u>	<u>DOE-RL</u>	<u>A5-15</u>	✓
✓ <u>Kevin Stoddard</u>	<u>Ecology</u>		
✓ <u>MIKE WILSON</u>	<u>ECOLOGY</u>		✓
✓ <u>Moses Jarama</u>	<u>Ecology</u>		✓
✓ <u>Melodie Selby</u>	<u>Ecology</u>	<u>B5-15</u>	✓
✓			
✓ <u>Dona Sherwood</u>	<u>EPA</u>	<u>B5-01</u>	✓
✓ <u>Felix Miera</u>	<u>RL/EAP</u>	<u>A5-15</u>	✓
✓ <u>STEVE SAUTTER</u>	<u>Oregon Office Energy</u>	<u>-</u>	✓
✓ <u>TOM BAKER</u>	<u>WMH</u>	<u>H6-06</u>	✓
✓ <u>Dale Black</u>	<u>WMH</u>	<u>H6-20</u>	
✓ <u>KEVIN BAZZELL</u>	<u>DOE/WPD</u>	<u>S7-55</u>	✓
✓ <u>Tom Teyner</u>	<u>DOE/WPD</u>	<u>S7-55</u>	✓

ATTENDEES

TPA MILESTONE REVIEW

DATE: 9/23/97

<u>NAME</u>	<u>ORGANIZATION</u>	<u>MAILSTOP</u>	<u>(✓) FOR ATTACHMENTS</u>
✓ <u>JOE WARING</u>	<u>DOE</u>	<u>S7-55</u>	
✓ <u>LINDA COACH</u>	<u>ECOL</u>	<u>B5-18</u>	
✓ <u>Richard Heggen</u>	<u>Ecology</u>	<u>"</u>	
✓ <u>Rm Skinnarland</u>	<u>Ecology</u>	<u>B5-18</u>	
✓ <u>Kang Linn</u>	<u>FDH-TPAI</u>	<u>G3-27</u>	
✓ <u>ELLEN MATTLIN</u>	<u>DOE-RL</u>	<u>A5-15</u>	
✓ <u>FRED RUCK</u>	<u>FDH-EP</u>	<u>H6-23</u>	
✓ <u>Alisa D. Huckaby</u>	<u>Ecology</u>	<u>B5-18</u>	
✓ <u>ROGER M. GORDON</u>	<u>DOE/WPD</u>	<u>S7-55</u>	
✓ <u>Russ Brown</u>	<u>FDH-TPAI</u>	<u>G3-27</u>	
✓ <u>Jon Yerxa</u>	<u>US DOE</u>	<u>A7-75</u>	
✓ <u>Lisa Sherwood</u>	<u>WMH</u>	<u>H6-26</u>	
✓ <u>Jackson King</u>	<u>DOE</u>	<u>S7-50</u>	

LAND DISPOSAL RESTRICTIONS ANNUAL REPORT

M-26-01

WASTE PROGRAMS DIVISION
R. F. Guercia
September 23, 1997

Milestone Description

- M-26-01 Submit an annual Hanford Site LDR Report in accordance with the LDR Plan to cover the period from April 1 through March 31
- Deliverables Submit the "1998 Hanford Site Land Disposal Restrictions for Mixed Waste" to EPA and Ecology (M-26-01H)
- Schedule Report submitted annually by April 30.

RL Program Manager's Assessment of Contractor Performance

- Satisfactory Performance, on Schedule.

Accomplishments

- Submitted 1997 report on April 28, 1997
- Integrated new PHMC subcontractors into document input process, added new waste streams and deleted streams no longer applicable.

Planned Actions

- Begin 1998 report preparation process this fall
- Address Ecology comments on 1997 report.

Milestone Assessment - schedule and technical

- On schedule.

Non-TPA Regulatory Issues. Potential Impacts on TPA

- None.

Budget

- Budget versus cost (\$ in 000's)

	FY 1997 - CUMULATIVE								FY Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
FYTD Budget	41	46	57	69	76	84	89	97	107
FYTD Cost	35	48	57	65	72	77	85	93	
Spending Variance	6	-2	0	4	4	7	4	4	

Issues/Status

Changes in 1997 Report

- Seven streams deleted from the report
 - PUREX Aging Waste (in DSTs)
 - 4843 Sodium Storage Facility Waste (at CWC)
 - PUREX Ammonia Scrubber Waste (in DSTs)
 - PUREX Process Condensate (in DSTs)
 - Hexone Waste (Incinerated offsite, residuals at CWC)
 - 183-H Solar Evaporator Basins Waste (at CWC)
 - 303-K Stored Waste (at CWC).
- Three new streams added to report
 - B Plant Cell 4 Waste
 - B Plant Containment Building Storage
 - B Plant Organic Waste.

Changes in 1997 Report, Continued

- M-90 ILAW and IHLW milestones added
- M-91 TRU and LLW milestones added
- M-92 milestones added to LDR schedules, but no new streams added
 - Cs/Sr Capsules - not yet declared waste (Dec. 1997 permit app.)
 - Unirradiated Uranium - not yet considered waste. Some will be considered for redeployment during M-92 activities
 - Bulk Sodium - not considered waste. Some to be sold to offsite vendors, proposed TWRS pretreatment uses
 - Special Case Waste - not yet considered waste, still under evaluation. (324/327 bldg. Material owned by BWHC, other by PNNL).

Expected Changes in 1998 Report

- Add new streams to report
 - Purgewater?
 - K Basin sludge? (when removed from basin)
 - PUREX Towers stored in T Plant?
 - Cs/Sr capsules? (and other M-92 waste)
 - 305B moratorium waste?
- New correlation to RCRA permit units, to help assure all waste is covered in LDR report
- New table covering all LDR waste streams including storage location, treatment method and location, TPA milestone numbers for T/S/D
- Expanded environmental restoration waste section
- Additional pollution prevention opportunity assessment information.

M-26

SEPTEMBER 23, 1997

REVIEW OF ANNUAL LDR REPORT (M-26):

- **COMMENTS LETTER SENT TO DOE LAST WEEK.**
- **SITE VISIT**
- **MEETING ARRANGED FOR NEXT WEEK TO DISCUSS COMMENTS AND RESULT OF TECHNICAL ASSESSTANCE VISIT**
- **MAJOR AREAS OF CONCERN:**
 - **FORMAT, WASTE STREAM IDENTIFICATION, TABLES**
 - **LACK OF "CHARACTERIZATION PLAN"**
 - **CLEAR PATH FORWARD FOR EACH WASTE STREAM**
 - **LACK OF CLEAR "WASTE MINIMIZATION PLAN"**
 - **NEED FOR EXPANDING ON ER AND RCRA PAST PRACTICE WASTE STREAMS**

M-19-00 & M-91-00

WASTE PROGRAMS DIVISION

R. F. Guercia

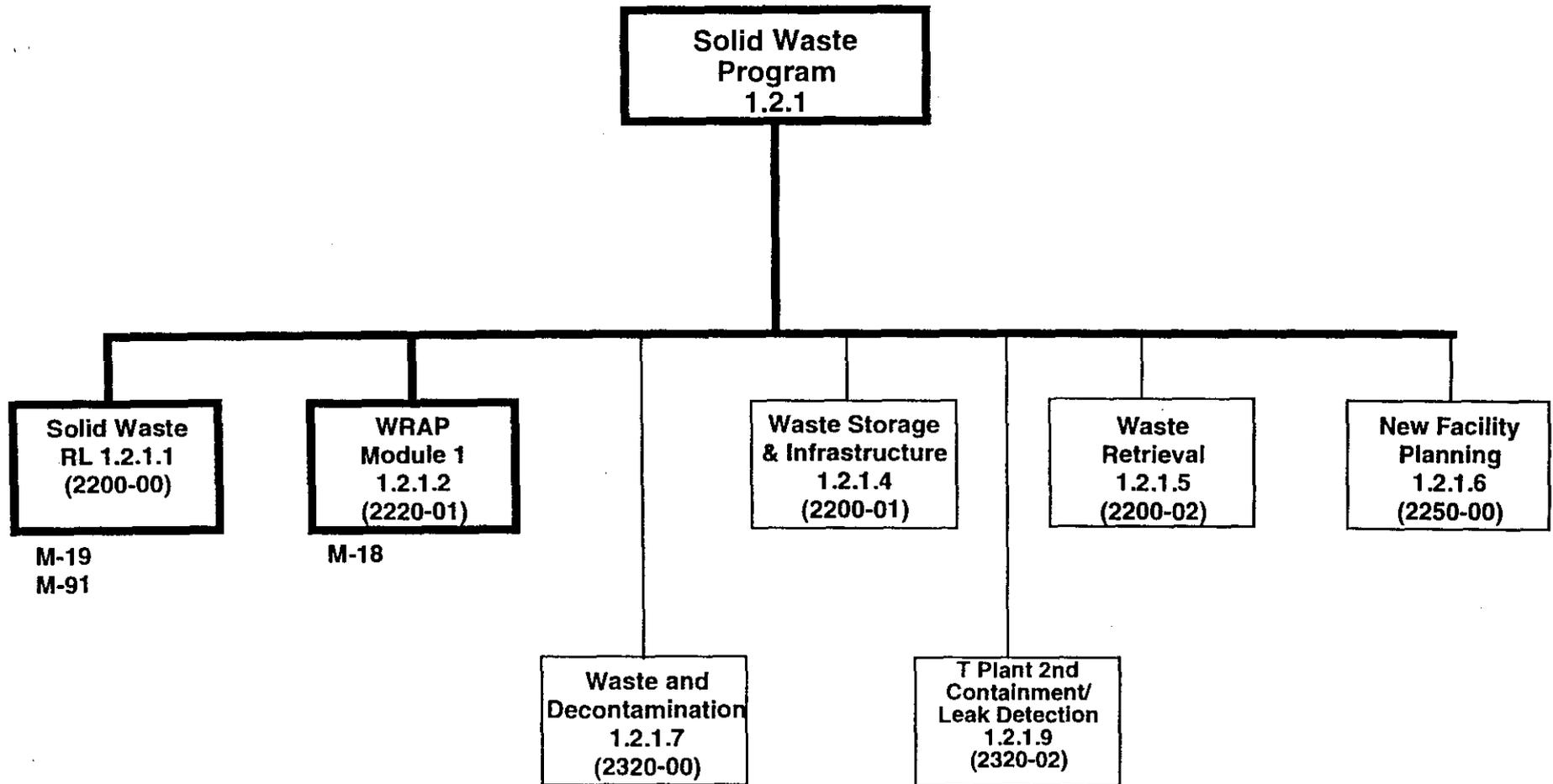
August 1997

TPA MILESTONE REVIEW	WASTE MANAGEMENT FEDERAL SERVICES OF HANFORD, INC. 1.2.1 SOLID WASTE PROGRAM	AUGUST 1997
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MILESTONE DESCRIPTION

TPA MILESTONE	DESCRIPTION
M-19-00	<p>Complete treatment and/or direct disposal of at least 1,644 cubic meters of Contact Handled Low Level Mixed Waste already in storage as of October 1, 1995, as well as newly generated Hanford Site low level mixed waste.</p> <p>Cumulative treatment and/or direct disposal rates will be at least 246 cubic meters by the end of FY 2000, 822 cubic meters by the end of FY 2001, and 1,644 cubic meters by the end of FY 2002.</p>
M-91-00	<p>Complete the acquisition of new facilities, modification of existing facilities, and/or modification of planned facilities necessary for storage, treatment/processing, and disposal of all Hanford site TRU/TRUM, LLMW, and GTC3.</p>

Work Breakdown Structure



MILESTONE SCHEDULE

WBS (ADS)	Baseline Date	FISCAL YEAR 1997											
		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1.2.1.1 (2200-0) Program Support (MW Treatment)			 (M-19-01-T01) RL determine level of NEPA for treatment contract		 (M-19-02) Complete sampling and analysis of Backlog Soils			 (M-19-03) Ecology decision on acceptability of 183H Solidified Liquids					 (M-19-01-T02) Award contract for LLMW stabilization
1.2.1.1 (2200-0) TRU/Mixed/GT Category 3								 (M-91-09) Initiate Operations at new CWC Storage Facilities					
1.2.1.2 (2220-1) WRAP Module 1								 (M-18-00) Initiate Operations (NDE/NDA)					
MILESTONE TYPES:		 TPA MILESTONE  TPA INTERIM	 DOE-HQ  DOE-FO	 FORECAST  DOE-RL	 WHC KEY	FOOTNOTES: * indicates current month activity							

TPA MILESTONE
REVIEW

WASTE MANAGEMENT FEDERAL SERVICES OF
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AUGUST 1997

MILESTONE EXCEPTION REPORT

FUTURE MILESTONES IN JEOPARDY

M-91-04 "Complete construction of small container Contact Handled (CH) TRU/TRUM retrieval facility(s) and initiate (Project W-113) retrieval of small container TRU/TRUM from 200 Area burial grounds" by September 2000.

Lack of funding for the TRU Retrieval activities in FYs 1998 (\$834 K) and FY 1999 (\$15.9 million) may jeopardize the timely completion of this milestone.

M-91-10 "Submit Hanford Site LLMW and Greater than Class C (GTC3) waste Project Management Plan (PMP) to Ecology pursuant to Agreement Action Plan section 11.5" by June 1999.

Lack of funding for the Project Management Plan (\$300 K in FY 1998 and \$500 K in FY 1999) may jeopardize the timely completion of this milestone.

MILESTONES DUE BUT NOT COMPLETE

N/A

MILESTONES COMPLETED EARLY

N/A

MILESTONES COMPLETED LATE

N/A

TPA MILESTONE REVIEW	WASTE MANAGEMENT FEDERAL SERVICES OF HANFORD, INC. 1.2.1 SOLID WASTE PROGRAM	AUGUST 1997
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PROGRAM ACCOMPLISHMENTS

WBS 1.2.1.3	<p style="text-align: center;"><u>M-19-00</u> <u>LOW LEVEL MIXED WASTE TREATMENT</u></p> <p>Awarded contract for non-thermal treatment of mixed waste to Allied Technology Group, Inc. (ATG) on September 5, 1997. This completes milestone M-19-01-T02: "Award a commercial contract for the stabilization of Contact Handled Low Level Mixed Waste" by September 1997. Waste treatment will begin in FY 1999.</p> <p>Macroencapsulation of 880 drums (185 cubic meters) of mixed waste debris was completed on September 10, 1997. The drums were compacted at ATG, then returned to T-Plant where they were loaded into 21 foot long polyethylene tubes. The tubes were sealed and transported to the mixed waste trench for storage and ultimate disposal.</p> <p>Disposed of 150 drums (30 cubic meters) of Backlog Soils in the low level waste trench during August 1997. This Direct Disposal activity was made possible by extensive sampling and analysis which supported a "contained in" determination by Ecology.</p>
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TPA MILESTONE REVIEW	WASTE MANAGEMENT FEDERAL SERVICES OF HANFORD, INC. 1.2.1 SOLID WASTE PROGRAM	AUGUST 1997
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M-19-00 SCORECARD

	<p>“Treat and/or directly dispose of at least 1,644 cubic meters of CH-LLMW by September 2002”</p>								
	<p>WMH TREATMENT AND DIRECT DISPOSAL ACTIVITIES IN FY 1997 TO DATE:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>TREATMENT/DISPOSAL ACTIVITY</u></th> <th style="text-align: right; border-bottom: 1px solid black;"><u>QUANTITY IN M³</u></th> </tr> </thead> <tbody> <tr> <td>Macroencapsulation Pilot</td> <td style="text-align: right;">185</td> </tr> <tr> <td>Long Length Equipment</td> <td style="text-align: right;">28</td> </tr> <tr> <td>Backlog Soils Disposal</td> <td style="text-align: right;">30</td> </tr> </tbody> </table>	<u>TREATMENT/DISPOSAL ACTIVITY</u>	<u>QUANTITY IN M³</u>	Macroencapsulation Pilot	185	Long Length Equipment	28	Backlog Soils Disposal	30
<u>TREATMENT/DISPOSAL ACTIVITY</u>	<u>QUANTITY IN M³</u>								
Macroencapsulation Pilot	185								
Long Length Equipment	28								
Backlog Soils Disposal	30								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">TOTAL TREATED/DISPOSED IN FY 1997 TO DATE</td> <td style="text-align: right;">243</td> </tr> </table>	TOTAL TREATED/DISPOSED IN FY 1997 TO DATE	243						
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PROGRAM ACCOMPLISHMENTS

WBS 1.2.1.4	<p style="text-align: center;"><u>M-91-00</u> <u>FACILITIES FOR STORAGE, TREATMENT/PROCESSING AND DISPOSAL OF TRU/TRUM, LLMW AND GTC3</u></p> <p><u>M-91-09: Project W-112, Enhanced Radioactive and Mixed Waste Storage Facility, Phase V:</u></p> <p>The RL Operational Readiness Review was completed in June 1997, and the W-112 storage buildings commenced operation on June 26, 1997.</p> <p>M-91-09, Initiate operations at Central Waste complex storage facilities (Project W-112) by June 30, 1997, has been completed.</p>
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PLANNED ACTIONS

TPA MILESTONE	COMPLETION DATE	DESCRIPTION
M-19-00	9/30/98	Complete Macro-Secure demonstration using proven commercial technology to macroencapsulate 150 drums (32 cubic meters) of mixed waste debris. Drums will be compacted at WRAP, sealed inside polyethylene boxes and placed in the mixed waste trench for storage and ultimate disposal.
M-19-00	9/30/98	Dispose of the balance of the non-PCB Backlog Soils as LLW -- 230 cubic meters.
M-19-00	9/30/98	Identify and dispose of 225 drums (45 cubic meters) containing 183-H empty bags. Plastic bags, used during 183-H basin cleanout, qualify as RCRA empty containers and may be disposed as LLW.
M-19-01-T02	9/30/98	Complete all NEPA requirements related to the commercial treatment contract.

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EXPENSE COST PERFORMANCE

WBS (ADS)	FY TO DATE					AT COMPLETION					COMMENTS
	BUDGETED COST		ACTUAL COST	VARIANCE		BAC	EAC	FYSF	EXPECTED FUNDS FY97	PROJECTED CARRYOVER WORKSCOPE	
	WORK SCHED	WORK PERF	WORK PERF	SCHED	COST	BCWS					
1.2.1.1 MW TREATMENT (2200-00)	2.6	2.6	1.8	0.0	0.8	4.6	4.5	2.4	4.6	2.1	T for C for treatment contracts

TPA MILESTONE
REVIEW

WASTE MANAGEMENT FEDERAL SERVICES OF
HANFORD, INC.
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AUGUST 1997

EXPENSE COST VARIANCE ANALYSIS

WBS (ADS)	COST VARIANCE \$0.8M	
1.2.1.1	<p><u>(Description and Cause:)</u></p> <p>The \$0.8 million in Mixed Waste Treatment is primarily due to delay in the costing of Macroencapsulation project.</p>	<p><u>(Impacts and Corrective Action:)</u></p> <p>No impacts. The funding for Mixed Waste Treatment is still required for FY 1997, including \$1.9 million of carryover for thermal treatment T for C and \$253K for non-thermal treatment T for C.</p>

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CONSTRUCTION COST PERFORMANCE

(\$ In Millions)

WBS (ADS)		PROJECT TO DATE					AMOUNT AUTH. TO DATE	AT COMPLETION (PROJECT)		COMMENTS
		BUDGETED COST		ACTUAL COST	VARIANCE			TOTAL ESTIMATED COST	PRESENT WORKING ESTIMATE	
		WORK SCHED	WORK PERF	WORK PERF	SCHED	COST				
1.2.1.4 W-112	(2200-01)	10.9	10.5	10.4	(0.4)	0.1	10.8	10.8	10.8	

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CONSTRUCTION SCHEDULE VARIANCE ANALYSIS

WBS (ADS)	SCHEDULE VARIANCE \$(.4M)	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>

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CONSTRUCTION COST VARIANCE ANALYSIS

WBS (WBS)	COST VARIANCE \$0.1M	
1.2.1	<u>(Description and Cause:)</u> Variance is within established thresholds.	<u>(Impacts and Corrective Action:)</u>

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ISSUES

TPA MILESTON E.	DATE IDENT	ISSUE	IMPACT	STATUS
M-19-00	1/97	State Carbonaceous LDR requires combustible debris to be incinerated.	Prevents macroencapsulation of combustible debris (about 75% of Hanford debris). Potential impact to LLMW treatment quantity.	<p>RL received an exemption for 883 drums of mixed waste debris to facilitate macroencapsulation of debris at T Plant during August and September 1997.</p> <p>A second exemption request is being prepared for the debris treatment portion of the non-thermal treatment contract. If the exemption is denied, the debris treatment portion of the contract will be terminated.</p>

Attachment 4

PERMITS AND CLOSURE PLANS

Milestone M-20-00

E. M. Mattlin

Environmental Assurance, Permits
and Policy Division
U.S. Department of Energy
Richland Operations Office

September 23, 1997

MILESTONE DESCRIPTION

M-20-00

Submit Part B Permit Applications or closure plans for all RCRA TSD Units (2-00)

Deliverable(s) Complete individual TSD unit submittals in accordance with Appendix D Work Schedules

ACCOMPLISHMENTS (last 6 months)

Closure Plans

- Initiated Phase 1 closure activities for the 300 Area Waste Acid Treatment System (3/97)
- Ecology approved 4843 Alkali Metal Storage Facility certification of closure (4/97)
- Ecology approved 183-H Solar Evaporation Basins certification of closure (5/97)
- Submitted the 324 REC/HLV Closure Plan (5/97)
- Submitted NOD response table for comments associated with 300 Area Waste Acid Treatment System Closure Plan (6/97)

ACCOMPLISHMENTS (last 6 months)

Closure Plans (cont'd)

- Submitted a revised 183-H Postclosure Plan in response to a change to a Corrective Action Program for inclusion in Modification C of the Hanford Facility RCRA Permit (7/97)
- Submitted 303-K Storage Facility Sampling and Analysis Plan for inclusion in Modification C of the Hanford Facility RCRA Permit (7/97)
- Submitted a revised 300 Area Process Trench Modified Closure/Postclosure Plan in response to a change to a Corrective Action Program (9/97)
- Completed sampling and analysis activities at 3718-F Alkali Metal Storage and Treatment Facility and submitted data evaluation report (9/97)

ACCOMPLISHMENTS (last 6 months)

Part A

- Submitted two Hanford Facility Dangerous Waste Part A Permit Application, Form 3, revisions for the following units:
 - 325 Hazardous Waste Treatment Units (7/97)
 - Low-Level Burial Grounds (8/97)
- Received final approval from Ecology for procedural closure of the 332 Storage Facility and the 324 Sodium Removal Pilot Plant
- Submitted revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, with "Closed" stamped on front page for the following units:
 - Biological Treatment Test Facilities
 - 332 Storage Facility
 - 4843 Alkali Metal Storage Facility
 - 324 Sodium Removal Pilot Plant

ACCOMPLISHMENTS (last 6 months)

Part A (cont'd)

- Submitted Notice of Intents for expansion of waste management activities at the following units:
 - Plutonium Finishing Plant (7/97)
 - Waste Encapsulation and Storage Facility (7/97)

Part B

- Provided certified Dangerous Waste Part B Permit Applications for the following units to support Modification C of the Hanford Facility RCRA Permit:
 - 325 Hazardous Waste Treatment Units (7/97)
 - Low-Level Burial Grounds (8/97)
 - 242-A Evaporator (8/97)
 - Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (8/97)

ACCOMPLISHMENTS (last 6 months)

Part B (cont'd)

- Conducted workshops with Ecology for the following units:
 - Double-Shell Tank System
 - Central Waste Complex
 - Waste Receiving and Processing 1
 - 242-A Evaporator (8/97)
 - Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility (8/97)

Research, Demonstration, and Development Permit

- Submitted Class 1 modification package to address closure of waste management activities associated with the Waste Water Pilot Plant (9/97)

ACCOMPLISHMENTS (last 6 months)

Hanford Facility RCRA Permit

- Quarterly Class 1 modification package submitted to Ecology in accordance with Permit Condition I.C.3 on 4/10/97 and 7/8/97
- Submitted documentation for inclusion in Modification C of the Hanford Facility RCRA Permit (8/97)
- Comment resolution meetings were held with Ecology on 9/12/97 and 9/17/97 to discuss Ecology's proposed permit conditions for the Low-Level Burial Grounds Dangerous Waste Permit Application (DOE/RL 88-20)
- Supported public meeting held for Modification C of the Hanford Facility RCRA Permit (9/97)
- Conducted Site-Wide Inspections as scheduled

PLANNED ACTIONS (next 6 months)

Closure Plans

- Submit closure certification for the 3718-F Alkali Metal Storage and Treatment Facility
- Continue work on Revision 1 of 300 Area Waste Acid Treatment System Closure Plan including workshops and resolution of NOD comments
- Complete Phase 1 and initiate Phase 2 closure activities for the 300 Area Waste Acid Treatment System
- Respond to NOD comments on the 324 REC/HLV Closure Plan when received from Ecology
- Respond to NOD comments on the 241-Z Treatment and Storage Tanks Closure Plan when received from Ecology

PLANNED ACTIONS (next 6 months)

Part A

- Submit a revised Hanford Facility Dangerous Waste Part A Permit Application, Form 3, with "Closed" stamped on front page for the 3718-F Alkali Metal Storage and Treatment Facility
- Submit a Notice of Intent for expansion of waste management activities at the T Plant Complex
- Submit Hanford Facility Dangerous Waste Part A Permit Application, Form 3s, for the following units:
 - Plutonium Finishing Plant
 - Waste Encapsulation and Storage Facility

PLANNED ACTIONS (next 6 months)

Part A (cont'd)

- Pursue procedural closure for the following units:
 - 221-T Containment Systems Test Facility
 - 1706-KE Waste Treatment System
 - 2727-WA SRE Sodium Storage Buildings

Part B

- Continue NOD workshops with Ecology for the following units:
 - Double-Shell Tank System
 - Central Waste Complex
 - Waste Receiving and Processing 1

PLANNED ACTIONS (next 6 months)

Research, Demonstration, and Development Permit

- Continue efforts to close activities associated with the Waste Water Pilot Plant Research, Development, and Demonstration Permit

Hanford Facility RCRA Permit

- Submit Quarterly Class 1 modification packages to Ecology in accordance with Permit Condition I.C.3 by 10/10/97 and 1/10/98
- Submit comment package for proposed Hanford Facility RCRA Permit Modification C (10/97)
- Conduct Site-Wide Inspections according to schedule submitted to Ecology
- Submit Annual Dangerous Waste Report to Ecology

PLANNED ACTIONS (next 6 months)

Hanford Facility RCRA Permit (cont'd)

- Submit Annual Noncompliance Report to Ecology
- Submit documentation (contingency plan) to Ecology for inclusion in Modification C' of the Hanford Facility RCRA Permit
- Submit Annual Closure Cost Estimate Report to Ecology by 10/31/97
- Revision 4 of the Hanford Facility RCRA Permit becomes effective 12/97
- Notification of completion of marking and mapping of dangerous waste underground pipelines outside the fences of 200 East, 200 West, 300, 400, 100-N, and 100-K Areas, satisfying Permit Conditions II.U.2. and II.V., will be delivered by 9/29/97

**Interim Status Dangerous Waste Tank
Systems Hanford Federal Facility
Agreement and Consent Order
Milestone M-32-00**

September 23, 1997

Milestone Description

"Complete Identified Dangerous Waste Tank Corrective Actions" - September 1999

M-32-00 establishes Tri-Party Agreement compliance schedules for correcting known compliance deficiencies in certain Hanford interim status dangerous waste tank systems while allowing the continued operation of those tank systems.

Deliverables and Baseline Schedules

M-32-01 Complete PFP Actions - Dec 94

M-32-02 Complete 219-S Actions - April 99*

***Per TPA Change Request M-32-97-01**

M-32-03 Complete T Plant Actions - Sept 99

M-32-04 Complete DST Actions - June 94

**M-32-05 Complete 242-A Evaporator Actions - one
month after hot restart**

M-32-06 Complete 244-AR Actions - prior to restart

M-32-07 Complete B Plant Actions - June 96

**M-32-08 Complete Grout Actions - prior to
processing waste**

**Interim Status Dangerous Waste Tank Systems
Milestone M-32-00
Project Manager's Assessment**

Interim Milestone	Description	RCRA Compliance	Customer	Technical	Schedule	Cost
M-32-01	Complete PFP Actions	<input type="checkbox"/>				
M-32-02	Complete 219-S Action	<input type="checkbox"/>				
M-32-03	Complete T Plant Actions	<input type="checkbox"/>				
M-32-04	Complete DST Actions	<input type="checkbox"/>				
M-32-05	Complete B Plant Actions	<input type="checkbox"/>				

Legend:
 Good Performance
 Worsened Future Outlook

J.K. YERXA APPROVAL PER 9/22/97 PHONE CALL

J. K. Yerxa
 RL Project Manager

Date *MS* 9/22/97

Milestone Assessment

- **Milestones Due But Not Complete (next six months)**

None

- **Milestones in Jeopardy (beyond six months)**

None

Interim Milestone M-32-02 219-S (222-S Lab)

Significant Accomplishments (last six months)

- **Project W-178 (tank system upgrades): TPA Change Request M-32-97-01 approved. Performed Phase I acceptance test procedure.**
- **Project W-087 (line replacement): TPA Change Request M-32-97-01 approved. Completed Phase I (piping from 219-S to 244-S) Readiness Assessment. Installed new main header in T7/T8 and completed tie-in of 1A, 1E-1, and 1E-2 hot cells. Removed all nonencased lines from service.**

Significant Planned Activities (next six months)

- **Project W-178 (tank system upgrades): Complete Phase I acceptance test procedure exceptions and as-built documentation package. Conduct a value engineering study to improve performance. Start Phase II construction.**
- **Project W-087 (line replacement): Start use of Phase I piping. Tie-in 1F hot cell. Complete Phase II encasement installation in Tunnel T7. Install T7/T8 header leak detection. Complete as-builts and closeout project.**

Budget/Cost Status

- **Project W-178 (tank system upgrades):**
 - **Budgeted to date \$2.6M**
 - **Cost to date \$2.5M**
 - **Estimate at completion \$5.1M (with project completion date of 4/99)**

- **Project W-087 (line replacement):**
 - **Budgeted to date \$11.4M**
 - **Cost to date \$10.0M**
 - **Estimate at completion \$11.4M**

Issues - None

Interim Milestone M-32-03

T-Plant

Significant Accomplishments (last six months)

- **Project W-259 (2706-T upgrades): Completed excavation for new 2706-TB building, decontamination of 2706-TA floor, 2706-TA east Roll-Up door, and footings for new HVAC/ELEC room addition. New collection pits in 2706-TA have been poured and liners set in place.**

W-259 related activity: Initiated design of 2706-T Lean-To doors' modification.

Significant Planned Activities (next six months)

- **Project W-259 (2706-T upgrades): Completion of new HVAC/ELEC room. Installation of ACT 2 HEPA system, new filtration system for 2706-TA, and waste transfer piping within 2706-TA. Extension of fire sprinkler system into the HVAC/ELEC room. Coating of floor in 2706-TA.**

Budget/Cost Status

- **Project W-259 (2706-T upgrades):**
 - **Budgeted to date \$12.8M**
 - **Cost to date \$5.7M**
 - **Estimate at completion \$12.8M**

Issues - None